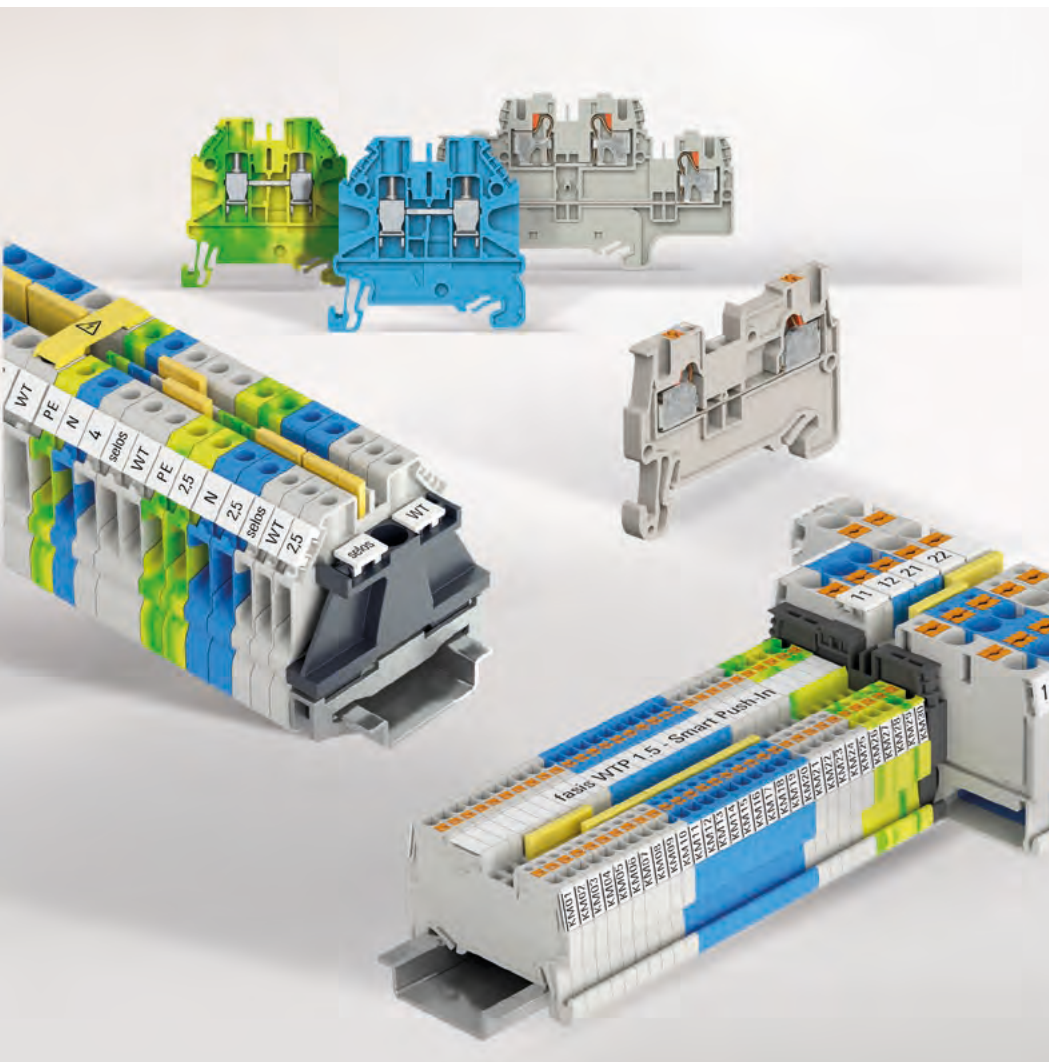




selos+ fasis

# DIN RAIL **TERMINAL BLOCKS**

with Screw, Tension Spring and  
Push-In Connection Technologies.

# HELLO WIELAND ELECTRIC

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**Tradition and innovation - Wieland is representing the synergy of these two guiding principles for more than 100 years.**

At Wieland Electric, we are proud to be the world market leader in electrical connections, and have been focusing on safe and innovative technologies since our founding. The beginnings of our success lie in the legendary Wieland Clamp, the first-ever safe electrical connector. Since then, innovation has pushed us to develop safer and more efficient ways to electrify the world.

Expanding from a component-only manufacturer, we are now one of the leading suppliers of innovative, future-oriented, and complete electrical solutions. We divide our focus into two main areas, Building and Industry. Our Building Solutions focus on decentralized power distribution and pluggable connections in all kinds of architectures and infrastructures. From in-store displays and lighting to hospitals and airports, and any structure in between – you build it, we power it! Our Industry Solutions center around functional safety for machines, industrial networking (IIoT and VPN), and power distribution. At Wieland, we keep your productivity going in mechanical engineering, wind power, material handling, HVAC, and many other industries.

We are at our customers' side in every step of the project, right from the start. Our experts offer consulting, on-site services, and technical support. We see ourselves as service providers, trainers and subject-matter experts.



**1910**

Founded in  
Bamberg



**1600+**

Employees  
worldwide



**5**

Production  
sites



**70+**

Countries  
worldwide

# CONTENT

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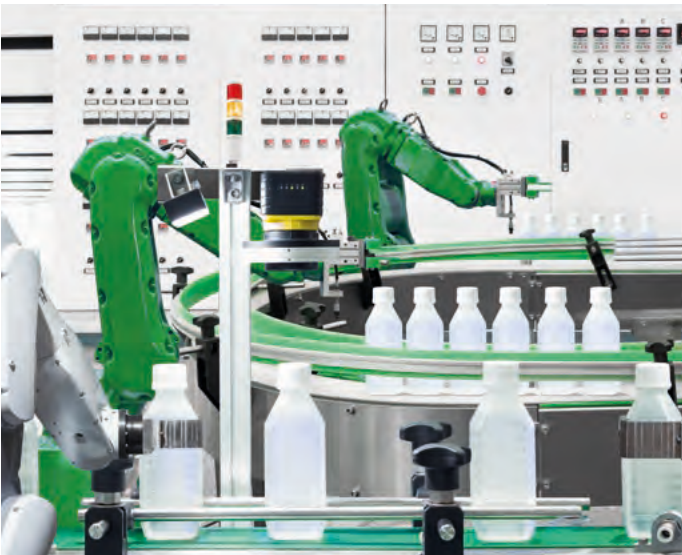
|            |                                                                                                          |
|------------|----------------------------------------------------------------------------------------------------------|
| <b>04</b>  | One System, many Possibilities                                                                           |
| <b>06</b>  | Wieland DIN Rail Terminal Blocks – Overview                                                              |
| <b>08</b>  | wieplan CLICK2BUY                                                                                        |
| <b>10</b>  | selos – DIN Rail Terminal Blocks with Screw Connection                                                   |
| <b>44</b>  | selos WRT – The New Generation of High Current Terminals                                                 |
| <b>52</b>  | selos BIT – Terminal Blocks for Electrical Installations with Screw Connection                           |
| <b>58</b>  | fasis WKFN – DIN Rail Terminal Blocks with Tension Spring Connection                                     |
| <b>94</b>  | fasis CON – DIN Rail Terminal Blocks with Plug-In Connection                                             |
| <b>102</b> | fasis MINI – DIN Rail Terminal Blocks with Tension Spring Connection for Installation in Confined Spaces |
| <b>108</b> | fasis BIT – DIN Rail Terminals for Installation distribution Board with Tension Spring Connection        |
| <b>114</b> | fasis WTP – DIN Rail Terminal Blocks with Push-In Connection                                             |
| <b>130</b> | Accessories                                                                                              |
| <b>158</b> | FACTS & DATA                                                                                             |
| <b>163</b> | Index                                                                                                    |
| <b>174</b> | Information and contacts                                                                                 |

selos

fasis









# ONE SYSTEM – MANY POSSIBILITIES

---

Three product families, three connection technologies – our DIN rail terminal block program is the right choice for every installation, wherever the control cabinet is found – in machinery or plant engineering, energy technology or building installation, or with screw, tension spring or push-in connection.

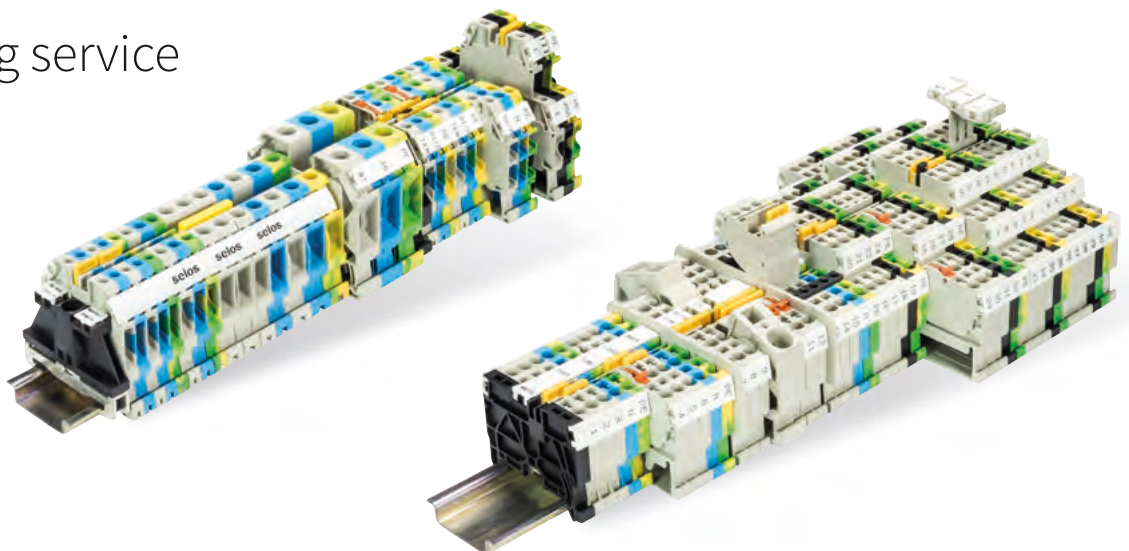
The ultimately flexible DIN rail terminal block systems selos and fasis offer optimum handling and harmonized accessories. This guarantees not only fast wiring time, but also reduces cost of inventory at your facility and in the supply chain.

Customized assembly service, customer-specific solutions and a comprehensive service portfolio match our products individually with the requirements of our customers.

- + Customized solutions
- + Abundant accessories
- + Mounting service

#### YOUR BENEFITS:

- + EFFICIENT PROJECT PLANNING WITH SOFTWARE
- + SAFE WIRING WITH PUSH-IN CONNECTION
- + CONTINUOUS LABELING SYSTEM



# DIN RAIL TERMINAL BLOCKS – OVERVIEW



## SELOS – DIN RAIL TERMINAL BLOCKS WITH SCREW CONNECTION



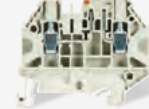
Feed-through blocks  
starting at page 14



Ground blocks  
starting at page 18



Duo feed-through blocks  
starting at page 20



Knife edge  
disconnect blocks  
starting at page 21 + 30



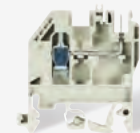
Multi-tier blocks  
starting at page 22



Initiator blocks  
starting at page 26



Fuse blocks  
starting at page 28



DIN rail terminal blocks with  
plug-in connection  
starting at page 34



Function blocks  
starting at page 24 + 40



Instrument isolating  
terminals  
starting at page 38



DIN rail terminal blocks with ring  
lug connection  
starting at page 43



High current terminal blocks  
starting at page 44



Mini blocks  
starting at page 50



DIN rail terminal blocks for  
installation distribution boards  
starting at page 52



Triple-deck terminal blocks for ins-  
tallation distribution boards starting  
at page 56

## FASIS – DIN RAIL TERMINAL BLOCKS WITH TENSION SPRING CONNECTION



Feed-through blocks  
starting at page 62



Ground blocks  
starting at page 70



Multi-tier blocks  
starting at page 78



Knife edge  
disconnect blocks  
starting at page 88



Fuse blocks  
starting at page 90



DIN rail terminal blocks with  
plug-in connection  
starting at page 94



Mini blocks  
starting at page 102



Triple-deck terminal blocks for instal-  
lation distribution boards starting at  
page 112

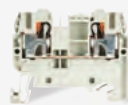
## FASIS – DIN RAIL TERMINAL BLOCKS WITH PUSH-IN CONNECTION



Multi-conductor terminals  
starting at page 122



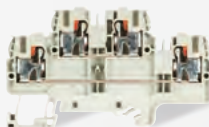
Initiator blocks  
starting at page 121



Feed-through blocks  
starting at page 122 + 126



Ground blocks  
starting at page 123 + 127



Multi-tier blocks  
starting at page 124



Triple-deck terminal blocks for instal-  
lation distribution boards starting at  
page 128

## SOFTWARE + SERVICE



page 8 / 9 + page 158

## ACCESSORIES



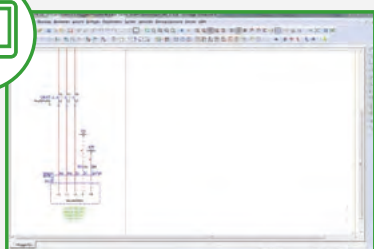
starting at page 130



# WIEPLAN CLICK2BUY

**Online** terminal block configurator.

The **quick** way to a complete **pre-assembled DIN RAIL**:



Design in CAE system



Product selection

STEP  
**01**

STEP  
**02**

## QUICKER PLANNING

The simple integration of wieplan into your CAE environment will enable you to plan and respond much more quickly (with EPLAN CAE already integrated).

## COMPLETE DOCUMENTATION

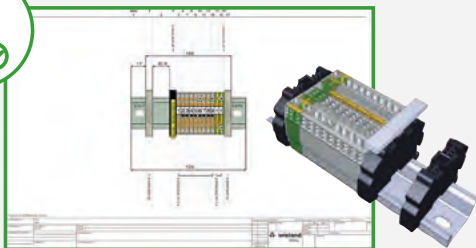
At the touch of a button you can download the complete documentation for your configured terminal strips including parts lists – even without registering.

## QUICK PRICING

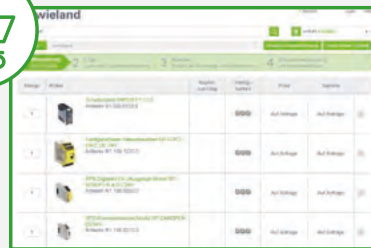
It is worth registering with wieplan Click to Buy as users who are logged in see our prices immediately – and can order directly.

## Speed up **processes**. Use **opportunities**.

Meet tight deadlines and make design changes at short notice without any worry. As your partner we are set up to deal with short timeframes and small batch sizes – delivering on time without any errors. You can count on this!



**Documentation**



**Immediate pricing**

STEP  
**03**

STEP  
**04**



### **EXPERIENCE INDUSTRY 4.0**

This consistent networking approach means that your order will go straight into production here – without any detours or delays.

### **FLEXIBLE IN LOGISTICS**

We deliver the quantity you need. This will also save you high warehousing and logistics costs.

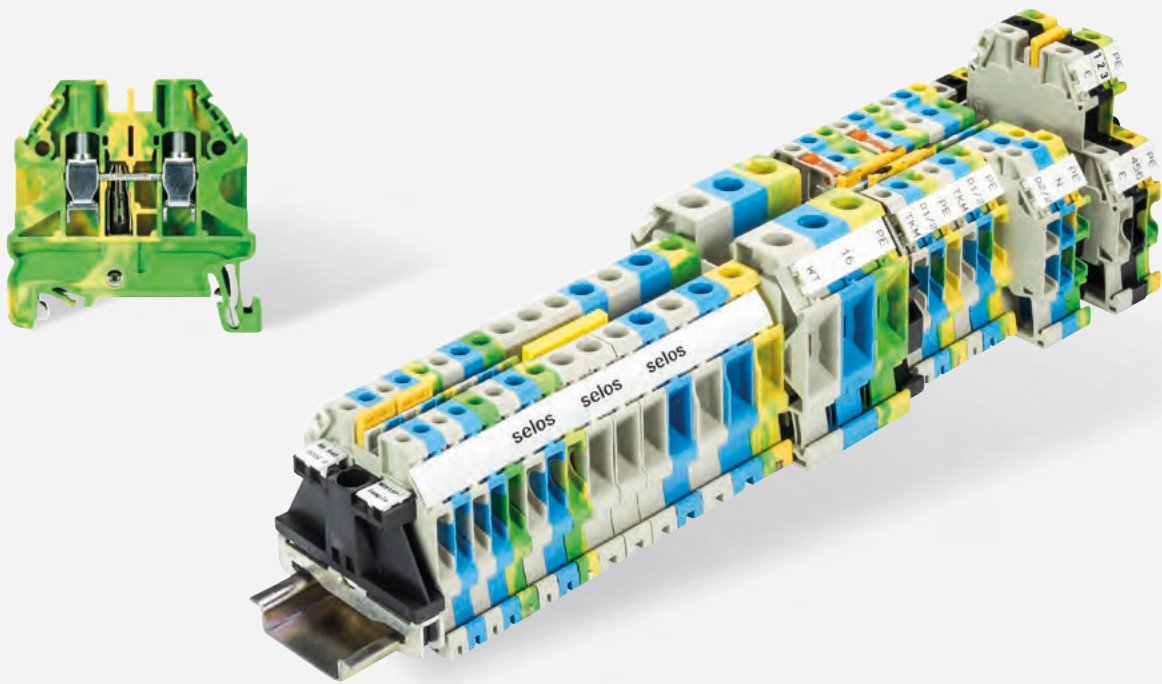
### **NO ADDITIONAL EFFORT**

The tested terminal strips are customized and will be tailored precisely to your needs. We will deliver them ready-made, saving you additional work.

# SELOS – DIN RAIL TERMINAL BLOCKS WITH SCREW CONNECTION

Reliable connection, proven concept! selos is our DIN rail terminal block with screw connection, solid and functional, known worldwide, and in use millions of times over. The selos series combines the classic screw connection with modern connection technology, with the focus on customer benefits and increased efficiency in wiring and the supply chain.

selos has been designed for use in machinery and plant construction as well as hazardous locations subject to explosion.



- + Includes feed-through and ground blocks with 2, 3 or 4 termination points
- + Multi-tier blocks in two- and three-tier designs
- + Knife-edge disconnect blocks and fuse blocks
- + Specialty function blocks are available with a wide variety of diode circuits
- + Diverse application-specific terminals, such as transformer disconnect terminals

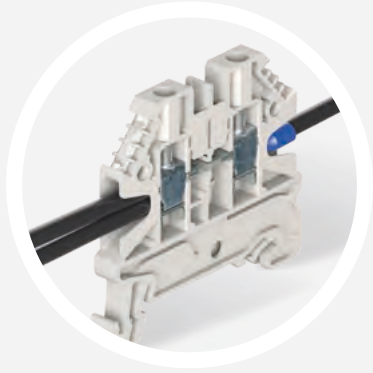


## PERFORMANCE FEATURES

- + Connection cross-section: up to 185 mm<sup>2</sup>
- + Rated current: up to 309 A IEC / 335 A UL / 365 A CSA
- + Rated voltage: up to 1000 V IEC / 600 V UL / 1000 V CSA

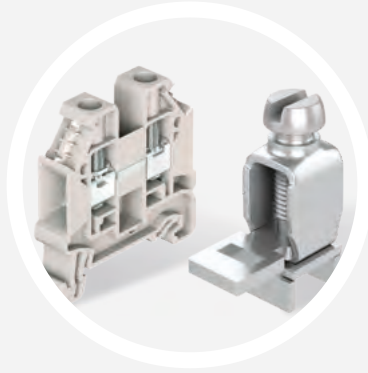


# SELOS – DIN RAIL TERMINAL BLOCKS WITH SCREW CONNECTION



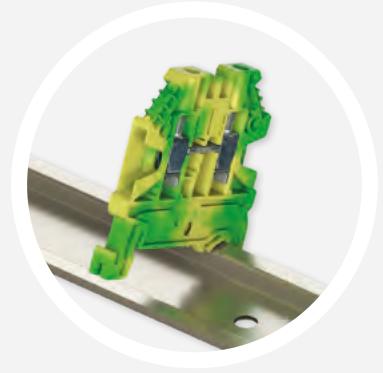
## Simply connect

- Multi-wire connection
- Connect with or without ferrules



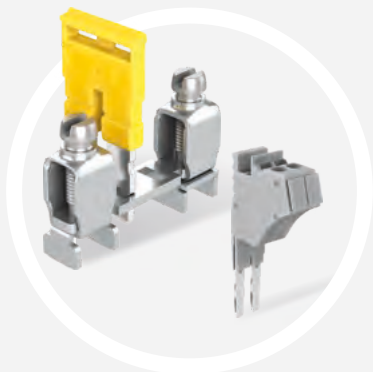
## Reliable and maintenance-free

- Rugged clamping body design
- One-piece threaded collar
- Stress-free connecting and reconnecting



## Time-saving assembly

- Snap-on screwless ground blocks

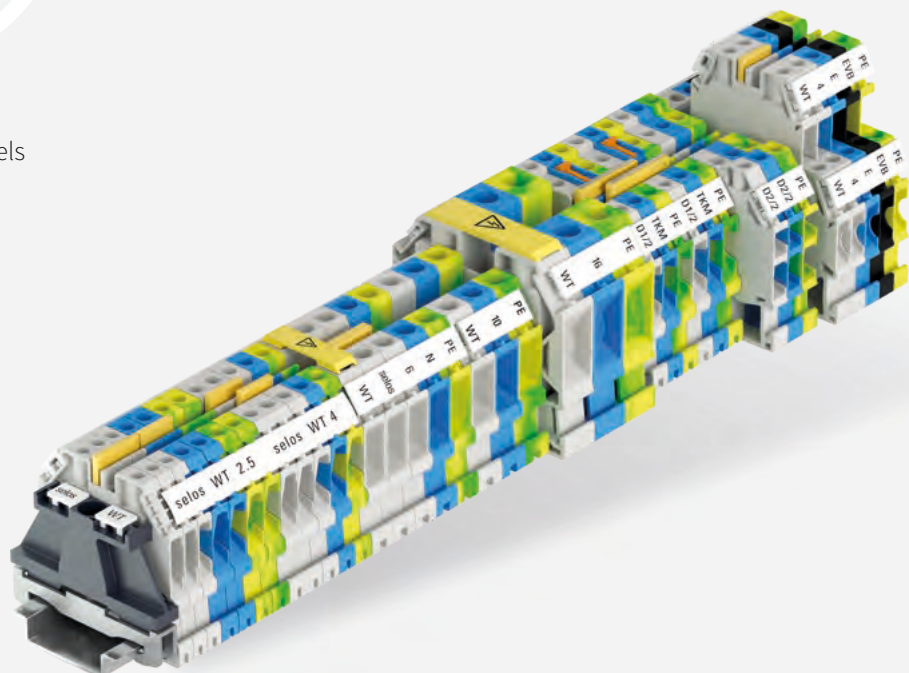


## Plug & Play

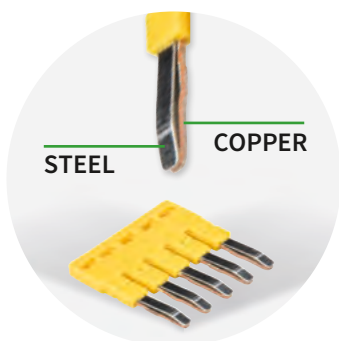
- Dual jumpering channels
- Plug-in jumper bars
- Plug-in test adapter

## FEATURES

- + Smaller size
- + Uniform design
- + Fewer accessories



## JUMPERING SYSTEM – PERFECT TECHNOLOGY



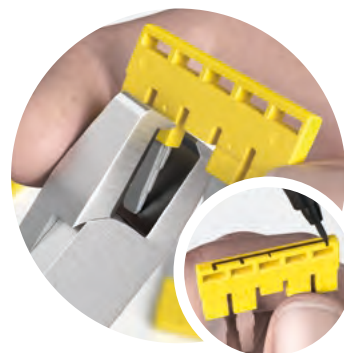
### Perfect technology

- Copper current bar guarantees low contact resistance
- Steel spring guarantees strength, durability, and long-term stability



### Extremely rugged!

- Indestructible steel spring
- Vibration-proof connection



### Simple customization

- Individual-poles easy to remove
- Circuits easy to identify

## MARKING SYSTEM – RELIABLE IDENTIFICATION



### Marking strips – Dependable

- Maximum hold to the terminal
- Solidify integrity of rail assembly



### Endless strip – Effective

- Mounting facility for endless strips permits single step marking of entire assembly
- Continuous labeling
- Uses commercially available labeling systems



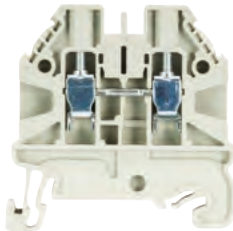
### Marking tags – Individual

- Individual labeling with minimum effort
- Ideal for service and maintenance

# SELOS · FEED-THROUGH BLOCKS WITH SCREW CONNECTION

## WT 2,5

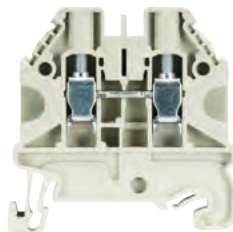
- Feed-through block with screw connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>
-  II 2G 2D Ex eb IIC  
EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0  
EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4  
Follow the EX installation instructions on page 174
- Max. electrical data: 32 A/4 mm<sup>2</sup>
- Connection capacity: 2 wires, equal size  
0.14 – 1.5 mm<sup>2</sup>



| Description                           | Type                                                                                                                                                                             | Part No.            | Std. Pack          |                                                                                     |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|-------------------------------------------------------------------------------------|
| Feed-through block                    | gray WT 2,5                                                                                                                                                                      | 58.503.0055.0       | 100                |                                                                                     |
| Feed-through block                    | blue WT 2,5 BL                                                                                                                                                                   | 58.503.0055.6       | 100                |                                                                                     |
| GENERAL DATA                          |                                                                                                                                                                                  |                     |                    |                                                                                     |
| Width / length / height, incl. TS 7.5 | 5 mm / 48 mm / 48 mm                                                                                                                                                             |                     |                    |                                                                                     |
| Wire strip length                     | 9 mm                                                                                                                                                                             | IEC Ex SEV14.0004 U |                    |                                                                                     |
| Approvals                             |   ATEX IEC Ex |                     | SEV 14 ATEX 0124 U |                                                                                     |
| TECHNICAL DATA                        | IEC                                                                                                                                                                              | UL                  | CSA                |  |
|                                       | EN 60 947-7-1                                                                                                                                                                    |                     |                    |                                                                                     |
| Cross section fine-stranded           | 0.14 – 4 mm <sup>2</sup>                                                                                                                                                         |                     |                    | 0.14 – 4 mm <sup>2</sup>                                                            |
| Cross section solid/stranded          | 0.14 – 4 mm <sup>2</sup>                                                                                                                                                         |                     |                    | 0.14 – 4 mm <sup>2</sup>                                                            |
| Cross section, AWG                    |                                                                                                                                                                                  | 26 – 12             | 26 – 12            |                                                                                     |
| Rated current                         | 24 A                                                                                                                                                                             | 20 A                | 20 A               | 24 A                                                                                |
| Rated voltage                         | 1000 V                                                                                                                                                                           | 600 V               | 600 V              | 690 V                                                                               |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                             |                     |                    |                                                                                     |
| Pollution degree                      | 3                                                                                                                                                                                |                     |                    |                                                                                     |
| ACCESSORIES                           | Type                                                                                                                                                                             | Part No.            | Std. Pack          |                                                                                     |
| End plate                             | AP WT 2,5-10                                                                                                                                                                     | 07.313.2555.0       | 10                 |                                                                                     |
| Cross connector                       | 2-pole                                                                                                                                                                           | IVB WKF 2,5-2       | 10                 |                                                                                     |
|                                       | 3-pole                                                                                                                                                                           | IVB WKF 2,5-3       | 10                 |                                                                                     |
|                                       | 4-pole                                                                                                                                                                           | IVB WKF 2,5-4       | 10                 |                                                                                     |
|                                       | 5-pole                                                                                                                                                                           | IVB WKF 2,5-5       | 10                 |                                                                                     |
|                                       | 10-pole                                                                                                                                                                          | IVB WKF 2,5-10      | 20                 |                                                                                     |
|                                       | 20-pole                                                                                                                                                                          | IVB WKF 2,5-20      | 20                 |                                                                                     |

## WT 4

- Feed-through block with screw connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
-  II 2G 2D Ex eb IIC  
EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0  
EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4  
Follow the EX installation instructions on page 174
- Max. electrical data: 41 A/6 mm<sup>2</sup>
- Connection capacity: 2 wires, equal size  
0.14 – 2.5 mm<sup>2</sup>



| Description                           | Type                                                                                                                                                                                                                            | Part No.      | Std. Pack                                                                                 |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------|
| Feed-through block                    | gray WT 4                                                                                                                                                                                                                       | 58.504.0055.0 | 100                                                                                       |
| Feed-through block                    | blue WT 4 BL                                                                                                                                                                                                                    | 58.504.0055.6 | 100                                                                                       |
| GENERAL DATA                          |                                                                                                                                                                                                                                 |               |                                                                                           |
| Width / length / height, incl. TS 7.5 | 6 mm / 48 mm / 48 mm                                                                                                                                                                                                            |               |                                                                                           |
| Wire strip length                     | 9 mm                                                                                                                                                                                                                            |               |                                                                                           |
| Approvals                             |   ATEX IEC Ex IEC Ex SEV 14.0004 U<br>SEV 14 ATEX 0124 U |               |                                                                                           |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                             | UL            | CSA  |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                   |               |                                                                                           |
| Cross section fine-stranded           | 0.14 – 6 mm <sup>2</sup>                                                                                                                                                                                                        |               | 0.14 – 6 mm <sup>2</sup>                                                                  |
| Cross section solid/stranded          | 0.14 – 6 mm <sup>2</sup>                                                                                                                                                                                                        |               | 0.14 – 6 mm <sup>2</sup>                                                                  |
| Cross section, AWG                    |                                                                                                                                                                                                                                 | 26 – 10       | 26 – 10                                                                                   |
| Rated current                         | 32 A                                                                                                                                                                                                                            | 30 A          | 30 A                                                                                      |
| Rated voltage                         | 1000 V                                                                                                                                                                                                                          | 600 V         | 600 V                                                                                     |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                            |               | 690 V                                                                                     |
| Pollution degree                      | 3                                                                                                                                                                                                                               |               |                                                                                           |
| ACCESSORIES                           | Type                                                                                                                                                                                                                            | Part No.      | Std. Pack                                                                                 |
| End plate                             | AP WT 2,5-10                                                                                                                                                                                                                    | 07.313.2555.0 | 10                                                                                        |
| Cross connector                       | 2-pole                                                                                                                                                                                                                          | IVB WKF 4-2   | 10                                                                                        |
|                                       | 3-pole                                                                                                                                                                                                                          | IVB WKF 4-3   | 10                                                                                        |
|                                       | 4-pole                                                                                                                                                                                                                          | IVB WKF 4-4   | 10                                                                                        |
|                                       | 5-pole                                                                                                                                                                                                                          | IVB WKF 4-5   | 10                                                                                        |
|                                       | 10-pole                                                                                                                                                                                                                         | IVB WKF 4-10  | 20                                                                                        |
|                                       |                                                                                                                                                                                                                                 | IVB WKF 4-10  | 20                                                                                        |

## WT 6

- Feed-through block with screw connection for mounting on TS 35
- Nominal cross section 6 mm<sup>2</sup>
-  II 2G 2D Ex eb IIC  
EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0  
EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4  
Follow the EX installation instructions on page 174
- Max. electrical data: 57 A/10 mm<sup>2</sup>
- Connection capacity: 2 wires, equal size  
0.2 – 4 mm<sup>2</sup>



| Description                           | Type                                                                                                                                                                                                   | Part No.             | Std. Pack        |                                                                                       |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------|---------------------------------------------------------------------------------------|
| Feed-through block                    | gray WT 6                                                                                                                                                                                              | 58.506.0055.0        | 100              |                                                                                       |
| Feed-through block                    | blue WT 6 BL                                                                                                                                                                                           | 58.506.0055.6        | 100              |                                                                                       |
| GENERAL DATA                          |                                                                                                                                                                                                        |                      |                  |                                                                                       |
| Width / length / height, incl. TS 7.5 | 8 mm / 48 mm / 48 mm                                                                                                                                                                                   |                      |                  |                                                                                       |
| Wire strip length                     | 11 mm                                                                                                                                                                                                  | IEC Ex SEV 14.0004 U |                  |                                                                                       |
| Approvals                             |   ATEX IEC Ex SEV 14 ATEX 0124 U |                      |                  |                                                                                       |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                    | UL                   | CSA              |  |
|                                       | EN 60 947-7-1                                                                                                                                                                                          |                      |                  |                                                                                       |
| Cross section fine-stranded           | 0.2 – 10 mm <sup>2</sup>                                                                                                                                                                               |                      |                  | 0.2 – 10 mm <sup>2</sup>                                                              |
| Cross section solid/stranded          | 0.2 – 10 mm <sup>2</sup>                                                                                                                                                                               |                      |                  | 0.2 – 10 mm <sup>2</sup>                                                              |
| Cross section, AWG                    |                                                                                                                                                                                                        | 24 – 8               | 24 – 8           |                                                                                       |
| Rated current                         | 41 A                                                                                                                                                                                                   | 50 A                 | 50 A             | 41 A                                                                                  |
| Rated voltage                         | 1000 V                                                                                                                                                                                                 | 600 V                | 600 V            | 550 V                                                                                 |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                   |                      |                  |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                      |                      |                  |                                                                                       |
| ACCESSORIES                           | Type                                                                                                                                                                                                   | Part No.             | Std. Pack        |                                                                                       |
| End plate                             | AP WT 2,5-10                                                                                                                                                                                           | 07.313.2555.0        | 10               |                                                                                       |
| Cross connector                       | 2-pole                                                                                                                                                                                                 | IVB WKFN 6-2         | Z7.282.5227.0 10 |                                                                                       |
|                                       | 3-pole                                                                                                                                                                                                 | IVB WKFN 6-3         | Z7.282.5327.0 10 |                                                                                       |
|                                       | 4-pole                                                                                                                                                                                                 | IVB WKFN 6-4         | Z7.282.5427.0 10 |                                                                                       |
|                                       | 5-pole                                                                                                                                                                                                 | IVB WKFN 6-5         | Z7.282.5527.0 10 |                                                                                       |
|                                       |                                                                                                                                                                                                        |                      |                  |                                                                                       |

More accessories page 130 ff.

**WT 10**

- Feed-through block with screw connection for mounting on TS 35
- Nominal cross section 10 mm<sup>2</sup>
-  II 2G 2D Ex eb IIC  
EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0  
EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4  
Follow the EX installation instructions on page 174
- Max. electrical data: 76 A/16 mm<sup>2</sup>
- Connection capacity: 2 wires, equal size  
0.5 – 6 mm<sup>2</sup>



| Description                           | Type                                                                                                                                                                                                                                                                                                                                                    | Part No.      | Std. Pack                |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------|
| Feed-through block                    | gray WT 10                                                                                                                                                                                                                                                                                                                                              | 58.510.0055.0 | 50                       |
| Feed-through block                    | blue WT 10 BL                                                                                                                                                                                                                                                                                                                                           | 58.510.0055.6 | 50                       |
| <b>GENERAL DATA</b>                   |                                                                                                                                                                                                                                                                                                                                                         |               |                          |
| Width / length / height, incl. TS 7.5 | 10 mm / 48 mm / 48 mm                                                                                                                                                                                                                                                                                                                                   |               |                          |
| Wire strip length                     | 13 mm                                                                                                                                                                                                                                                                                                                                                   |               | IEC Ex SEV 14.0004 U     |
| Approvals                             |     ATEX IECEx |               | SEV 14 ATEX 0124 U       |
| <b>TECHNICAL DATA</b>                 |                                                                                                                                                                                                                                                                                                                                                         |               |                          |
|                                       | IEC                                                                                                                                                                                                                                                                                                                                                     | UL            | CSA                      |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                                                                                                                           |               |                          |
| Cross section fine-stranded           | 0.5 – 16 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                |               | 0.5 – 16 mm <sup>2</sup> |
| Cross section solid/stranded          | 0.5 – 16 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                |               | 0.5 – 16 mm <sup>2</sup> |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                                                                                                         | 20 – 6        | 20 – 6                   |
| Rated current                         | 57 A                                                                                                                                                                                                                                                                                                                                                    | 65 A          | 65 A                     |
| Rated voltage                         | 1000 V                                                                                                                                                                                                                                                                                                                                                  | 600 V         | 600 V                    |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                                                                                                    |               | 690 V                    |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                       |               |                          |
| <b>ACCESSORIES</b>                    |                                                                                                                                                                                                                                                                                                                                                         |               |                          |
|                                       | Type                                                                                                                                                                                                                                                                                                                                                    | Part No.      | Std. Pack                |
| End plate                             | AP WT 2,5-10                                                                                                                                                                                                                                                                                                                                            | 07.313.2555.0 | 10                       |
| Cross connector                       | 2-pole IVB WKF 10-2                                                                                                                                                                                                                                                                                                                                     | 27.283.8227.0 | 10                       |

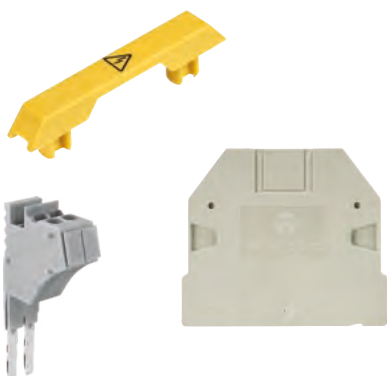
**WT 16**

- Feed-through block with screw connection for mounting on TS 35
- Nominal cross section 16 mm<sup>2</sup>
-  II 2G 2D Ex eb IIC  
EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0  
EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4  
Follow the EX installation instructions on page 174
- Max. electrical data: 101 A/25 mm<sup>2</sup>
- Connection capacity: 2 wires, equal size  
2.5 – 10 mm<sup>2</sup>



| Description                           | Type                                                                                                                                                                                                                                                                                                                                                            | Part No.      | Std. Pack                |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------|
| Feed-through block                    | gray WT 16                                                                                                                                                                                                                                                                                                                                                      | 58.516.0055.0 | 50                       |
| Feed-through block                    | blue WT 16 BLAU                                                                                                                                                                                                                                                                                                                                                 | 58.516.0055.6 | 50                       |
| <b>GENERAL DATA</b>                   |                                                                                                                                                                                                                                                                                                                                                                 |               |                          |
| Width / length / height, incl. TS 7.5 | 12 mm / 58 mm / 54mm                                                                                                                                                                                                                                                                                                                                            |               |                          |
| Wire strip length                     | 15 mm                                                                                                                                                                                                                                                                                                                                                           |               | IEC Ex SEV 14.0004 U     |
| Approvals                             |     ATEX IECEx |               | SEV 14 ATEX 0124 U       |
| <b>TECHNICAL DATA</b>                 |                                                                                                                                                                                                                                                                                                                                                                 |               |                          |
|                                       | IEC                                                                                                                                                                                                                                                                                                                                                             | UL            | CSA                      |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                                                                                                                                   |               |                          |
| Cross section fine-stranded           | 4 – 25 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                          |               | 4 – 25 mm <sup>2</sup>   |
| Cross section solid/stranded          | 1.5 – 25 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                        |               | 1.5 – 25 mm <sup>2</sup> |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                                                                                                                 | 16 – 4        | 14 – 4                   |
| Rated current                         | 76 A                                                                                                                                                                                                                                                                                                                                                            | 85 A          | 85 A                     |
| Rated voltage                         | 1000 V                                                                                                                                                                                                                                                                                                                                                          | 600 V         | 600 V                    |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                                                                                                            |               | 690 V                    |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                               |               |                          |
| <b>ACCESSORIES</b>                    |                                                                                                                                                                                                                                                                                                                                                                 |               |                          |
|                                       | Type                                                                                                                                                                                                                                                                                                                                                            | Part No.      | Std. Pack                |
| End plate                             | AP WT 16                                                                                                                                                                                                                                                                                                                                                        | 07.313.2755.0 | 10                       |
| Cross connector                       | 2-pole IVB WKF 16-2                                                                                                                                                                                                                                                                                                                                             | 27.284.4227.0 | 10                       |

## ACCESSORIES FOR SELOS WT 2,5 – WT 16



| ACCESSORIES                           | Type                 | Part No.      | Std. Pack |
|---------------------------------------|----------------------|---------------|-----------|
| Cover with warning symbol             | for WT 2,5 AD WT 2,5 | 04.344.1455.8 | 10        |
|                                       | for WT 4 AD WT 4     | 04.344.1655.8 | 10        |
|                                       | for WT 6 AD WT 6/10  | 04.344.1855.8 | 10        |
|                                       | for WT 10 AD WT 6/10 | 04.344.1855.8 | 10        |
|                                       | for WT 16 AD WT 16   | 04.344.2255.8 | 10        |
| Partition for WT 2,5 – WT 10          | TW WT 2,5-10         | 07.313.2655.0 | 10        |
| Partition for WT 16                   | TW WT 4E             | 07.313.2855.0 | 10        |
| Test adapter modular for WT 2,5 and 4 | PS WKC/F             | Z1.299.9753.0 | 10        |
| End plate for test adapter *          | ZP/AP PS             | 07.312.6053.0 | 10        |

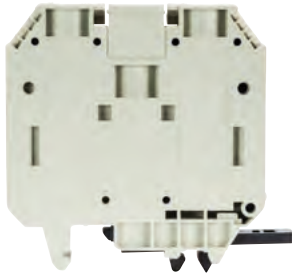
\* for WT4 an end cover plate must be snapped in after each test connector



# SELOS · FEED-THROUGH BLOCKS WITH SCREW CONNECTION

## WKN 35/U

- Feed-through block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 35 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174
- Enclosed design



| Description            | Type               | Part No.      | Std. Pack |
|------------------------|--------------------|---------------|-----------|
| Feed-through block     | gray WKN 35/U      | 57.535.0155.0 | 20        |
| Feed-through block Exi | blue WKN 35/U BLAU | 57.535.0155.6 | 20        |

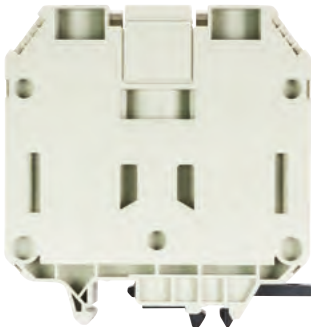
| GENERAL DATA                          |                                                                                                      |              |              |                                                                                     |
|---------------------------------------|------------------------------------------------------------------------------------------------------|--------------|--------------|-------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 16 mm / 71 mm / 68 mm                                                                                |              |              |                                                                                     |
| Wire strip length                     | 18 mm                                                                                                |              |              |                                                                                     |
| Approvals                             |  IEC CAN-Ex USA-Ex |              |              | IECEx SEV 15.0002 U<br>SEV 15 ATEX 0108 U                                           |
| TECHNICAL DATA                        |                                                                                                      |              |              |                                                                                     |
|                                       | IEC                                                                                                  | UL           | CSA          |  |
|                                       | EN 60 947-7-1                                                                                        |              |              | EN 60 079-0/-7                                                                      |
| Cross section fine-stranded           | 10 – 35 mm <sup>2</sup>                                                                              | 10 – 1/0 AWG | 10 – 1/0 AWG | 10 – 35 mm <sup>2</sup>                                                             |
| Cross section solid/stranded          | 10 – 50 mm <sup>2</sup>                                                                              |              |              | 10 – 50 mm <sup>2</sup>                                                             |
| Rated current                         | 125 A                                                                                                | 150 A        | 150 A        | 125 A                                                                               |
| Rated voltage                         | 800 V <sup>*)</sup>                                                                                  | 600 V        | 600 V        | 690 V <sup>1)</sup>                                                                 |
| Rated impulse voltage                 | 8 kV                                                                                                 |              |              |                                                                                     |
| Pollution degree                      | 3                                                                                                    |              |              |                                                                                     |

| Accessories                             | Type                          | Part No.      | Std. Pack |
|-----------------------------------------|-------------------------------|---------------|-----------|
| Partition                               | gray TWN 35                   | 07.311.7855.0 | 10        |
| Cross connector with screws, insulated  | 2-pole IVB WKN 35 - 2         | 27.285.2227.0 | 5         |
|                                         | 3-pole IVB WKN 35 - 3         | 27.285.2327.0 | 5         |
|                                         | up to 6-pole IVB WKN 35 - 6   | 27.285.2627.0 | 5         |
|                                         | up to 12-pole IVB WKN 35 - 12 | 27.285.3227.0 | 5         |
| Single cover with marking facility      | AD VB 35 GELB                 | 04.326.2553.8 | 10        |
| Cover with warning symbol over 4 blocks | AD VB 16/4 GELB               | 04.343.5256.8 | 10        |

\*) higher voltage upon request

## WKN 70/U

- Feed-through block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 70 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174
- Enclosed design



| Description            | Type               | Part No.      | Std. Pack |
|------------------------|--------------------|---------------|-----------|
| Feed-through block     | gray WKN 70/U      | 57.570.0155.0 | 20        |
| Feed-through block Exi | blue WKN 70/U BLAU | 57.570.0155.6 | 20        |

| GENERAL DATA                          |                                                                                                 |             |             |                                                                                       |
|---------------------------------------|-------------------------------------------------------------------------------------------------|-------------|-------------|---------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 24 mm / 77 mm / 81 mm                                                                           |             |             |                                                                                       |
| Wire strip length                     | 24 mm                                                                                           |             |             |                                                                                       |
| Approvals                             |  IEC CAN-Ex |             |             | IECEx SEV 15.0002 U<br>SEV 15 ATEX 0108 U                                             |
| TECHNICAL DATA                        | IEC                                                                                             | UL          | CSA         |  |
|                                       | EN 60 947-7-1                                                                                   |             |             | EN 60 079-0/-7                                                                        |
| Cross section fine-stranded           | 10 – 70 mm <sup>2</sup>                                                                         | 6 – 2/0 AWG | 6 – 2/0 AWG | 10 – 70 mm <sup>2</sup>                                                               |
| Cross section solid/stranded          | 16 – 95 mm <sup>2</sup>                                                                         |             |             | 16 – 95 mm <sup>2</sup>                                                               |
| Rated current                         | 192 A                                                                                           | 175/175 A   | 170 A       | 192 A                                                                                 |
| Rated voltage                         | 800 V *)                                                                                        | 600 V       | 600 V       | 690 V                                                                                 |
| Rated impulse voltage                 | 8 kV                                                                                            |             |             |                                                                                       |
| Pollution degree                      | 3                                                                                               |             |             |                                                                                       |

| Accessories                             | Type                       | Part No.      | Std. Pack |
|-----------------------------------------|----------------------------|---------------|-----------|
| Partition                               | gray TWN 70                | 07.311.7955.0 | 10        |
| Cross connector with screws, insulated  | 2-pole VB WKN 70 - 2       | 27.286.3227.0 | 10        |
|                                         | 3-pole VB WKN 70 - 3       | 27.286.3327.0 | 10        |
|                                         | up to 6-pole VB WKN 70 - 6 | 27.286.3627.0 | 10        |
| Single cover with marking facility      | AD VB 70 GELB              | 04.326.2653.8 | 10        |
| Cover with warning symbol over 4 blocks | AD VB 24/4 GELB            | 04.343.5356.8 | 10        |

\*) higher voltage upon request

## WKN 150/U

- Feed-through block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 150 mm<sup>2</sup>
- Ex e I/II  II GD IM2  
Follow the EX installation instructions on page 174
- Enclosed design



| Description            | Type                | Part No.      | Std. Pack |
|------------------------|---------------------|---------------|-----------|
| Feed-through block     | gray WKN 150/U      | 57.597.0155.0 | 10        |
| Feed-through block Exi | blue WKN 150/U BLAU | 57.597.0155.6 | 10        |

| GENERAL DATA                          |                                                                                                                                                                                                                                                                                                                                                                                                                                              |                   |                   |                                                                                       |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|---------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 28 mm / 96 mm / 99 mm                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                   |                                                                                       |
| Wire strip length                     | 30 mm                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                   |                                                                                       |
| Approvals                             |      |                   |                   | IECEx SEV 15.0002 U<br>SEV 15 ATEX 0108 U                                             |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                                                                                                                                                                          | UL                | CSA               |  |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                                                                                                                                                                                                                |                   |                   | EN 60 079-0/-7                                                                        |
| Cross section fine-stranded           | 35 – 150 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                     | 2/0 AWG-350 kcmil | 2/0 AWG-350 kcmil | 35 – 150 mm <sup>2</sup>                                                              |
| Cross section solid/stranded          | 35 – 185 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                     |                   |                   | 35 – 185 mm <sup>2</sup>                                                              |
| Rated current                         | 309 A                                                                                                                                                                                                                                                                                                                                                                                                                                        | 335/335 A         | 365 A             | 309 A                                                                                 |
| Rated voltage                         | 1000 V                                                                                                                                                                                                                                                                                                                                                                                                                                       | 600 V             | 1000 V            | 690 V                                                                                 |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |                   |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                                                                                                            |                   |                   |                                                                                       |

| Accessories                             | Type                  | Part No.      | Std. Pack |
|-----------------------------------------|-----------------------|---------------|-----------|
| Partition                               | gray VB WKN 150 - 2   | 27.287.1227.0 | 5         |
| Cross connector with screws, insulated  | 3-pole VB WKN 150 - 3 | 27.287.1327.0 | 5         |
| Cover with warning symbol over 4 blocks | AD VB 28/4 GELB       | 04.343.5456.8 | 10        |

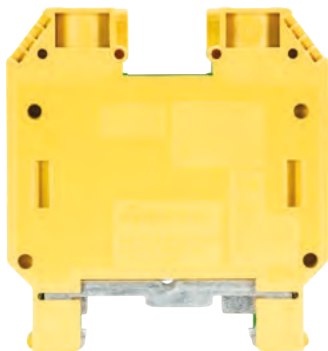
More accessories page 130 ff.

Subject to technical modifications

# SELOS · GROUND BLOCKS WITH SCREW CONNECTION

## WKN 35 SL

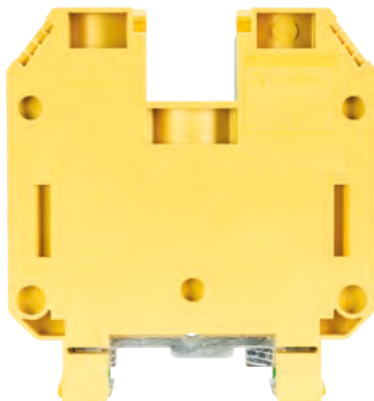
- Ground block with screw connection for mounting on TS 35
- Nominal cross section 35 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174
- Enclosed design



| Description                           | Type                                                                                                  | Part No.      | Std. Pack               |
|---------------------------------------|-------------------------------------------------------------------------------------------------------|---------------|-------------------------|
| Ground block                          | green/yellow WKN 35 SL                                                                                | 57.535.9055.0 | 20                      |
| <b>GENERAL DATA</b>                   |                                                                                                       |               |                         |
| Width / length / height, incl. TS 7.5 | 16 mm / 63 mm / 68 mm                                                                                 |               |                         |
| Wire strip length                     | 20 mm                                                                                                 |               | IEC Ex SEV 15.0002 U    |
| Approvals                             |  ATEX CAN-Ex USA-Ex |               | SEV 15 ATEX 0108 U      |
| <b>TECHNICAL DATA</b>                 |                                                                                                       |               |                         |
|                                       | IEC                                                                                                   | UL            | CSA                     |
|                                       | EN 60 947-7-2                                                                                         |               | EN 60 079-0/-7          |
| Cross section fine-stranded           | 10 – 35 mm <sup>2</sup>                                                                               |               | 10 – 35 mm <sup>2</sup> |
| Cross section solid/stranded          | 10 – 50 mm <sup>2</sup>                                                                               |               | 10 – 50 mm <sup>2</sup> |
| Cross section, AWG                    |                                                                                                       | 10 – 2        | 10 – 2                  |
| Rated current                         |                                                                                                       |               |                         |
| Rated voltage                         | 800 V                                                                                                 | 600 V         | 600 V                   |
| Rated impulse voltage                 | 8 kV                                                                                                  |               |                         |
| Pollution degree                      | 3                                                                                                     |               |                         |

## WKN 70 SL

- Ground block with screw connection for mounting on TS 35
- Nominal cross section 70 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174
- Enclosed design



| Description                           | Type                                                                                             | Part No.      | Std. Pack               |
|---------------------------------------|--------------------------------------------------------------------------------------------------|---------------|-------------------------|
| Ground block                          | green/yellow WKN 70 SL                                                                           | 57.570.9055.0 | 20                      |
| <b>GENERAL DATA</b>                   |                                                                                                  |               |                         |
| Width / length / height, incl. TS 7.5 | 24 mm / 75 mm / 81 mm                                                                            |               |                         |
| Wire strip length                     | 24 mm                                                                                            |               | IEC Ex SEV 15.0002 U    |
| Approvals                             |  ATEX CAN-Ex |               | SEV 15 ATEX 0108 U      |
| <b>TECHNICAL DATA</b>                 |                                                                                                  |               |                         |
|                                       | IEC                                                                                              | UL            | CSA                     |
|                                       | EN 60 947-7-2                                                                                    |               | EN 60 079-0/-7          |
| Cross section fine-stranded           | 10 – 70 mm <sup>2</sup>                                                                          |               | 10 – 70 mm <sup>2</sup> |
| Cross section solid/stranded          | 16 – 95 mm <sup>2</sup>                                                                          |               | 16 – 95 mm <sup>2</sup> |
| Cross section, AWG                    |                                                                                                  | 6 – 2/0       | 6 – 2/0                 |
| Rated current                         |                                                                                                  |               |                         |
| Rated voltage                         | 800 V                                                                                            | 600 V         | 600 V                   |
| Rated impulse voltage                 | 8 kV                                                                                             |               |                         |
| Pollution degree                      | 3                                                                                                |               |                         |

# SELOS · GROUND BLOCKS WITH SCREW CONNECTION

## WT 2,5 PE

- Ground block with screw connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>
-  II 2G 2D Ex eb IIC  
EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0  
EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4  
Follow the EX installation instructions on page 174
- Connection capacity: 2 wires, equal size  
0.14 – 1.5 mm<sup>2</sup>



| Description                           | Type                                                                                                                                                                                                                                                     | Part No.        | Std. Pack                                                                                      |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------------------------------------------------------------------------|
| Ground block                          | green/yellow WT 2,5 PE                                                                                                                                                                                                                                   | 58.503.9055.0   | 100                                                                                            |
| <b>GENERAL DATA</b>                   |                                                                                                                                                                                                                                                          |                 |                                                                                                |
| Width / length / height, incl. TS 7.5 | 5 mm / 48 mm / 48 mm                                                                                                                                                                                                                                     |                 |                                                                                                |
| Wire strip length                     | 9 mm                                                                                                                                                                                                                                                     |                 | IEC Ex SEV 14.0004 U                                                                           |
| Approvals                             |    |                 | SEV 14 ATEX 0124 U                                                                             |
| <b>TECHNICAL DATA</b>                 | <b>IEC</b>                                                                                                                                                                                                                                               | <b>UL</b>       | <b>CSA</b>  |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                            |                 |                                                                                                |
| Cross section fine-stranded           | 0.14 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                 |                 | 0.14 – 4 mm <sup>2</sup>                                                                       |
| Cross section solid/stranded          | 0.14 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                 |                 | 0.14 – 4 mm <sup>2</sup>                                                                       |
| Cross section, AWG                    |                                                                                                                                                                                                                                                          | 26 – 12         | 26 – 12                                                                                        |
| Rated current                         |                                                                                                                                                                                                                                                          |                 |                                                                                                |
| Rated voltage                         | 1000 V                                                                                                                                                                                                                                                   | 600 V           | 600 V                                                                                          |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                     |                 |                                                                                                |
| Pollution degree                      | 3                                                                                                                                                                                                                                                        |                 |                                                                                                |
| <b>ACCESSORIES</b>                    | <b>Type</b>                                                                                                                                                                                                                                              | <b>Part No.</b> | <b>Std. Pack</b>                                                                               |
| End plate                             | AP WT 2,5 - 10                                                                                                                                                                                                                                           | 07.313.2555.0   | 10                                                                                             |

## WT 4 PE

- Ground block with screw connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
-  II 2G 2D Ex eb IIC  
EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0  
EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4  
Follow the EX installation instructions on page 174
- Connection capacity: 2 wires, equal size  
0.14 – 2.5 mm<sup>2</sup>



| Description                           | Type                                                                                                                                                                                                                                                           | Part No.        | Std. Pack                                                                                        |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------|
| Ground block                          | green/yellow WT 4 PE                                                                                                                                                                                                                                           | 58.504.9055.0   | 100                                                                                              |
| <b>GENERAL DATA</b>                   |                                                                                                                                                                                                                                                                |                 |                                                                                                  |
| Width / length / height, incl. TS 7.5 | 6 mm / 48 mm / 48 mm                                                                                                                                                                                                                                           |                 |                                                                                                  |
| Wire strip length                     | 9 mm                                                                                                                                                                                                                                                           |                 | IEC Ex SEV 14.0004 U                                                                             |
| Approvals                             |    |                 | SEV 14 ATEX 0124 U                                                                               |
| <b>TECHNICAL DATA</b>                 | <b>IEC</b>                                                                                                                                                                                                                                                     | <b>UL</b>       | <b>CSA</b>  |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                                  |                 |                                                                                                  |
| Cross section fine-stranded           | 0.14 – 6 mm <sup>2</sup>                                                                                                                                                                                                                                       |                 | 0.14 – 6 mm <sup>2</sup>                                                                         |
| Cross section solid/stranded          | 0.14 – 6 mm <sup>2</sup>                                                                                                                                                                                                                                       |                 | 0.14 – 6 mm <sup>2</sup>                                                                         |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                | 26 – 10         | 26 – 10                                                                                          |
| Rated current                         |                                                                                                                                                                                                                                                                |                 |                                                                                                  |
| Rated voltage                         | 1000 V                                                                                                                                                                                                                                                         | 600 V           | 600 V                                                                                            |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                           |                 |                                                                                                  |
| Pollution degree                      | 3                                                                                                                                                                                                                                                              |                 |                                                                                                  |
| <b>ACCESSORIES</b>                    | <b>Type</b>                                                                                                                                                                                                                                                    | <b>Part No.</b> | <b>Std. Pack</b>                                                                                 |
| End plate                             | AP WT 2,5 - 10                                                                                                                                                                                                                                                 | 07.313.2555.0   | 10                                                                                               |

## WT 6 PE

- Ground block with screw connection for mounting on TS 35
- Nominal cross section 6 mm<sup>2</sup>
-  II 2G 2D Ex eb IIC  
EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0  
EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4  
Follow the EX installation instructions on page 174
- Connection capacity: 2 wires, equal size  
0.2 – 4 mm<sup>2</sup>



| Description                           | Type                                                                                                                                                                                                                                                           | Part No.        | Std. Pack                                                                                        |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------|
| Ground block                          | green/yellow WT 6 PE                                                                                                                                                                                                                                           | 58.506.9055.0   | 100                                                                                              |
| <b>GENERAL DATA</b>                   |                                                                                                                                                                                                                                                                |                 |                                                                                                  |
| Width / length / height, incl. TS 7.5 | 8 mm / 48 mm / 48 mm                                                                                                                                                                                                                                           |                 |                                                                                                  |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                          |                 | IEC Ex SEV 14.0004 U                                                                             |
| Approvals                             |    |                 | SEV 14 ATEX 0124 U                                                                               |
| <b>TECHNICAL DATA</b>                 | <b>IEC</b>                                                                                                                                                                                                                                                     | <b>UL</b>       | <b>CSA</b>  |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                                  |                 |                                                                                                  |
| Cross section fine-stranded           | 0.2 – 10 mm <sup>2</sup>                                                                                                                                                                                                                                       |                 | 0.2 – 10 mm <sup>2</sup>                                                                         |
| Cross section solid/stranded          | 0.2 – 10 mm <sup>2</sup>                                                                                                                                                                                                                                       |                 | 0.2 – 10 mm <sup>2</sup>                                                                         |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                | 24 – 8          | 24 – 8                                                                                           |
| Rated current                         |                                                                                                                                                                                                                                                                |                 |                                                                                                  |
| Rated voltage                         | 1000 V                                                                                                                                                                                                                                                         | 600 V           | 600 V                                                                                            |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                           |                 |                                                                                                  |
| Pollution degree                      | 3                                                                                                                                                                                                                                                              |                 |                                                                                                  |
| <b>ACCESSORIES</b>                    | <b>Type</b>                                                                                                                                                                                                                                                    | <b>Part No.</b> | <b>Std. Pack</b>                                                                                 |
| End plate                             | AP WT 2,5 - 10                                                                                                                                                                                                                                                 | 07.313.2555.0   | 10                                                                                               |

More accessories page 130 ff.

Subject to technical modifications

## WT 10 PE

- Ground block with screw connection for mounting on TS 35
- Nominal cross section 10 mm<sup>2</sup>
-  II 2G 2D Ex eb IIC  
EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0  
EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4  
Follow the EX installation instructions on page 174
- Connection capacity: 2 wires, equal size  
0.5 – 6 mm<sup>2</sup>



| Description                           | Type                                                                                                                                                                                                                                                                | Part No.             | Std. Pack                                                                                  |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------------------------------------------------------------------------------------|
| Ground block                          | green/yellow WT 10 PE                                                                                                                                                                                                                                               | 58.510.9055.0        | 50                                                                                         |
| <b>GENERAL DATA</b>                   |                                                                                                                                                                                                                                                                     |                      |                                                                                            |
| Width / length / height, incl. TS 7.5 | 10 mm / 48 mm / 48 mm                                                                                                                                                                                                                                               |                      |                                                                                            |
| Wire strip length                     | 13 mm                                                                                                                                                                                                                                                               | IEC Ex SEV 14.0004 U |                                                                                            |
| Approvals                             |    ATEX IECEx | SEV 14 ATEX 0124 U   |                                                                                            |
| <b>TECHNICAL DATA</b>                 |                                                                                                                                                                                                                                                                     | IEC                  | UL CSA  |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                                       |                      |                                                                                            |
| Cross section fine-stranded           | 0.5 – 16 mm <sup>2</sup>                                                                                                                                                                                                                                            |                      | 0.5 – 16 mm <sup>2</sup>                                                                   |
| Cross section solid/stranded          | 0.5 – 16 mm <sup>2</sup>                                                                                                                                                                                                                                            |                      | 0.5 – 16 mm <sup>2</sup>                                                                   |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                     | 20 – 6               | 20 – 6                                                                                     |
| Rated current                         |                                                                                                                                                                                                                                                                     |                      |                                                                                            |
| Rated voltage                         | 1000 V                                                                                                                                                                                                                                                              | 600 V                | 600 V                                                                                      |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                |                      |                                                                                            |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                   |                      |                                                                                            |
| <b>ACCESSORIES</b>                    |                                                                                                                                                                                                                                                                     | Part No.             | Std. Pack                                                                                  |
| End plate                             | AP WT 2,5 - 10                                                                                                                                                                                                                                                      | 07.313.2555.0        | 10                                                                                         |

## WT 16 PE

- Ground block with screw connection for mounting on TS 35
- Nominal cross section 16 mm<sup>2</sup>
-  II 2G 2D Ex eb IIC  
EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0  
EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4  
Follow the EX installation instructions on page 174
- Connection capacity: 2 wires, equal size  
2.5 – 10 mm<sup>2</sup>



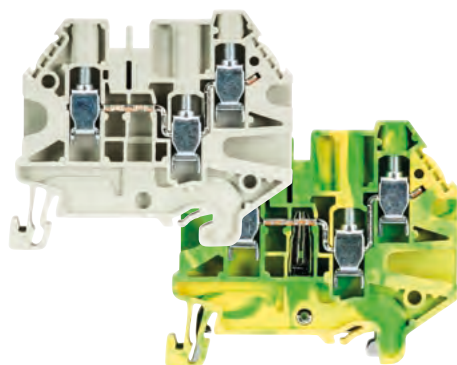
| Description                           | Type                                                                                                                                                                                                                                                                      | Part No.             | Std. Pack                                                                                    |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------|
| Ground block                          | green/yellow WT 16 PE                                                                                                                                                                                                                                                     | 58.516.9055.0        | 100                                                                                          |
| <b>GENERAL DATA</b>                   |                                                                                                                                                                                                                                                                           |                      |                                                                                              |
| Width / length / height, incl. TS 7.5 | 12 mm / 58 mm / 54 mm                                                                                                                                                                                                                                                     |                      |                                                                                              |
| Wire strip length                     | 15 mm                                                                                                                                                                                                                                                                     | IEC Ex SEV 14.0004 U |                                                                                              |
| Approvals                             |    ATEX IECEx | SEV 14 ATEX 0124 U   |                                                                                              |
| <b>TECHNICAL DATA</b>                 |                                                                                                                                                                                                                                                                           | IEC                  | UL CSA  |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                                             |                      |                                                                                              |
| Cross section fine-stranded           | 4 – 25 mm <sup>2</sup>                                                                                                                                                                                                                                                    |                      | 4 – 25 mm <sup>2</sup>                                                                       |
| Cross section solid/stranded          | 1.5 – 25 mm <sup>2</sup>                                                                                                                                                                                                                                                  |                      | 1.5 – 25 mm <sup>2</sup>                                                                     |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                           | 16 – 4               | 14 – 4                                                                                       |
| Rated current                         |                                                                                                                                                                                                                                                                           |                      |                                                                                              |
| Rated voltage                         | 1000 V                                                                                                                                                                                                                                                                    | 600 V                | 600 V                                                                                        |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                      |                      |                                                                                              |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                         |                      |                                                                                              |
| <b>ACCESSORIES</b>                    |                                                                                                                                                                                                                                                                           | Part No.             | Std. Pack                                                                                    |
| End plate                             | AP WT 16                                                                                                                                                                                                                                                                  | 07.313.2755.0        | 10                                                                                           |



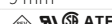
# SELOS · DUO FEED-THROUGH AND DUO-GROUND BLOCKS WITH SCREW CONNECTION

## WT 4 D1/2 | WT 4 D1/2 PE

- Duo feed-through block / duo-ground block with screw connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
-  II 2G 2D Ex eb IIC  
EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0  
EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4  
Follow the EX installation instructions on page 174
- Max. electrical data: 41 A/6 mm<sup>2</sup>
- Connection capacity: 2 wires, equal size  
0.14 – 2.5 mm<sup>2</sup>



| Description            | Type                      | Part No.      | Std. Pack |
|------------------------|---------------------------|---------------|-----------|
| Duo feed-through block | gray WT 4 D1/2            | 58.504.5055.0 | 100       |
| Duo feed-through block | blue WT 4 D1/2 BL         | 58.504.5055.6 | 100       |
| Duo-ground block       | green/yellow WT 4 D1/2 PE | 58.504.9355.0 | 100       |

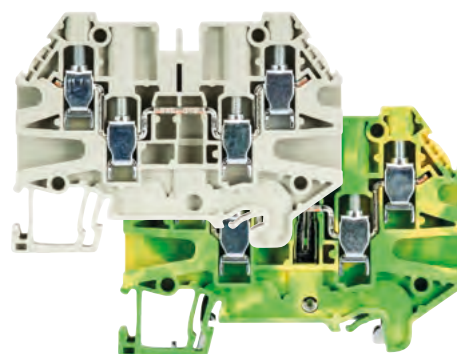
| GENERAL DATA                          |                                                                                               |  |  |  |
|---------------------------------------|-----------------------------------------------------------------------------------------------|--|--|--|
| Width / length / height, incl. TS 7.5 | 6 mm / 56 mm / 50 mm                                                                          |  |  |  |
| Wire strip length                     | 9 mm                                                                                          |  |  |  |
| Approvals                             |  ATEX IECEx |  |  |  |

| TECHNICAL DATA               | IEC                      | UL    | CSA   |  |
|------------------------------|--------------------------|-------|-------|-------------------------------------------------------------------------------------|
|                              | EN 60 947-7-1            |       |       |                                                                                     |
| Cross section fine-stranded  | 0.14 – 6 mm <sup>2</sup> |       |       | 0.14 – 6 mm <sup>2</sup>                                                            |
| Cross section solid/stranded | 0.14 – 6 mm <sup>2</sup> |       |       | 0.14 – 6 mm <sup>2</sup>                                                            |
| Cross section, AWG           | 26 – 10                  |       |       |                                                                                     |
| Rated current                | 32 A                     | 30 A  | 30 A  | 32 A                                                                                |
| Rated voltage                | 500 V                    | 300 V | 300 V | 550 V                                                                               |
| Rated impulse voltage        | 6 kV                     |       |       |                                                                                     |
| Pollution degree             | 3                        |       |       |                                                                                     |

| ACCESSORIES     | Type         | Part No.      | Std. Pack |
|-----------------|--------------|---------------|-----------|
| End plate       | AP WT 4 D1/2 | 07.313.2955.0 | 10        |
| Partition       | TW WT 4 E    | 07.313.2855.0 | 10        |
| Cross connector | 2-pole       | IVB WKF 4-2   | 10        |
|                 | 3-pole       | IVB WKF 4-3   | 10        |
|                 | 4-pole       | IVB WKF 4-4   | 10        |
|                 | 5-pole       | IVB WKF 4-5   | 10        |
|                 | 10-pole      | IVB WKF 4-10  | 10        |

## WT 4 D2/2 | WT 4 D2/2 PE

- Duo feed-through block / duo-ground block with screw connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
-  II 2G 2D Ex eb IIC  
EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0  
EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4  
Follow the EX installation instructions on page 174
- Max. electrical data: 41 A/6 mm<sup>2</sup>
- Connection capacity: 2 wires, equal size  
0.14 – 2.5 mm<sup>2</sup>



| Description            | Type                      | Part No.      | Std. Pack |
|------------------------|---------------------------|---------------|-----------|
| Duo feed-through block | gray WT 4 D2/2            | 58.504.5155.0 | 100       |
| Duo feed-through block | blue WT 4 D2/2 BLAU       | 58.504.5155.6 | 100       |
| Duo-ground block       | green/yellow WT 4 D2/2 PE | 58.504.9155.0 | 100       |

| GENERAL DATA                          |                                                                                                 |  |  |  |
|---------------------------------------|-------------------------------------------------------------------------------------------------|--|--|--|
| Width / length / height, incl. TS 7.5 | 6 mm / 68 mm / 50 mm                                                                            |  |  |  |
| Wire strip length                     | 9 mm                                                                                            |  |  |  |
| Approvals                             |  ATEX IECEx |  |  |  |

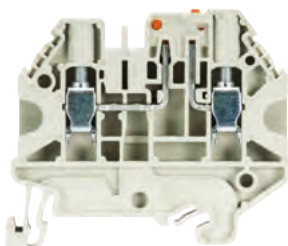
| TECHNICAL DATA               | IEC                      | UL    | CSA   |  |
|------------------------------|--------------------------|-------|-------|---------------------------------------------------------------------------------------|
|                              | EN 60 947-7-1            |       |       |                                                                                       |
| Cross section fine-stranded  | 0.14 – 6 mm <sup>2</sup> |       |       | 0.14 – 6 mm <sup>2</sup>                                                              |
| Cross section solid/stranded | 0.14 – 6 mm <sup>2</sup> |       |       | 0.14 – 6 mm <sup>2</sup>                                                              |
| Cross section, AWG           | 26 – 10                  |       |       |                                                                                       |
| Rated current                | 32 A                     | 30 A  | 30 A  | 32 A                                                                                  |
| Rated voltage                | 500 V                    | 300 V | 300 V | 440 V                                                                                 |
| Rated impulse voltage        | 6 kV                     |       |       |                                                                                       |
| Pollution degree             | 3                        |       |       |                                                                                       |

| ACCESSORIES     | Type         | Part No.      | Std. Pack |
|-----------------|--------------|---------------|-----------|
| End plate       | AP WT 4 D2/2 | 07.313.3155.0 | 10        |
| Partition       | TW WT 4 E    | 07.313.2855.0 | 10        |
| Cross connector | 2-pole       | IVB WKF 4-2   | 10        |
|                 | 3-pole       | IVB WKF 4-3   | 10        |
|                 | 4-pole       | IVB WKF 4-4   | 10        |
|                 | 5-pole       | IVB WKF 4-5   | 10        |
|                 | 10-pole      | IVB WKF 4-10  | 10        |

# SELOS · KNIFE EDGE DISCONNECT AND FUSE BLOCKS WITH SCREW CONNECTION

## WT 2,5 TKM...

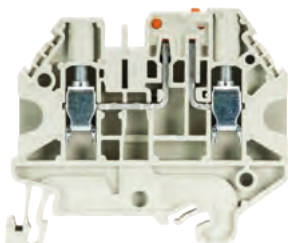
- Knife edge disconnect block for mounting on TS 35
- Nominal cross section 2,5 mm<sup>2</sup>
- Connection capacity: 2 wires, equal size 0,14 – 1,5 mm<sup>2</sup>



| Description                                   | Type                 | Part No.                 | Std. Pack |
|-----------------------------------------------|----------------------|--------------------------|-----------|
| Knife edge disconnect block                   | gray WT 2,5 TKM      | 58.503.2055.0            | 100       |
| Knife edge disconnect block with 2 test bolts | blue WT 2,5 TKM BL   | 58.503.2055.6            | 100       |
| Feed-through block, identically-shaped        | gray WT 2,5 TKM P    | 58.503.2355.0            | 100       |
| Feed-through block, identically-shaped        | gray WT 2,5 TKM D    | 58.503.2155.0            | 100       |
| Feed-through block, identically-shaped        | blue WT 2,5 TKM D BL | 58.503.2155.6            | 100       |
| GENERAL DATA                                  |                      |                          |           |
| Width / length / height, incl. TS 7.5         | 5 mm / 56 mm / 50 mm |                          |           |
| Wire strip length                             | 9 mm                 |                          |           |
| Approvals                                     |                      |                          |           |
| TECHNICAL DATA                                |                      | IEC                      |           |
| Cross section fine-stranded                   |                      | 0.14 – 4 mm <sup>2</sup> |           |
| Cross section solid/stranded                  |                      | 0.14 – 4 mm <sup>2</sup> |           |
| Cross section, AWG                            |                      |                          |           |
| Rated current                                 |                      | 20 A                     |           |
| Rated voltage                                 |                      | 500 V                    |           |
| Rated impulse voltage                         |                      | 6 kV                     |           |
| Pollution degree                              |                      | 3                        |           |
| ACCESSORIES                                   | Type                 | Part No.                 | Std. Pack |
| End plate                                     | AP WT 4 D1/2         | 07.313.2955.0            | 10        |
| Partition                                     | TW WT 4 E            | 07.313.2855.0            | 10        |
| Cross connector                               | 2-pole               | IVB WKF 2,5-2            | 10        |
|                                               | 5-pole               | IVB WKF 2,5-5            | 10        |
|                                               | 10-pole              | IVB WKF 2,5-10           | 10        |
|                                               | 20-pole              | IVB WKF 2,5-20           | 10        |

## WT 4 TKM...

- Knife edge disconnect block for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
- Connection capacity: 2 wires, equal size 0,14 – 2,5 mm<sup>2</sup>



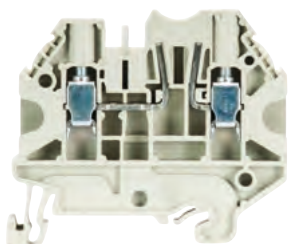
| Description                           |                                                                                      | Type         | Part No.      | Std. Pack |
|---------------------------------------|--------------------------------------------------------------------------------------|--------------|---------------|-----------|
| Knife edge disconnect block           | gray                                                                                 | WT 4 TKM     | 58.504.2055.0 | 100       |
| Knife edge disconnect block           | blue                                                                                 | WT 4 TKM BL  | 58.504.2055.6 | 100       |
| with 2 test bolts                     | gray                                                                                 | WT 4 TKM P   | 58.504.2355.0 | 100       |
| GENERAL DATA                          |                                                                                      |              |               |           |
| Width / length / height, incl. TS 7.5 | 6 mm / 56 mm / 50 mm                                                                 |              |               |           |
| Wire strip length                     | 9 mm                                                                                 |              |               |           |
| Approvals                             |  |              |               |           |
| TECHNICAL DATA                        |                                                                                      | IEC          | UL            | CSA       |
| Cross section fine-stranded           | 0.14 – 6 mm <sup>2</sup>                                                             |              |               |           |
| Cross section solid/stranded          | 0.14 – 6 mm <sup>2</sup>                                                             |              |               |           |
| Cross section, AWG                    | 26 – 10                                                                              |              |               |           |
| Rated current                         | 24 A                                                                                 |              | 16 A          | 16 A      |
| Rated voltage                         | 500 V                                                                                |              | 300 V         | 300 V     |
| Rated impulse voltage                 | 6 kV                                                                                 |              |               |           |
| Pollution degree                      | 3                                                                                    |              |               |           |
| ACCESSORIES                           |                                                                                      | Type         | Part No.      | Std. Pack |
| End plate                             |                                                                                      | AP WT 4 D1/2 | 07.313.2955.0 | 10        |
| Partition                             |                                                                                      | TW WT 4 E    | 07.313.2855.0 | 10        |
| Cross connector                       | 2-pole                                                                               | IVB WKF 4-2  | Z7.261.1227.0 | 10        |
|                                       | 5-pole                                                                               | IVB WKF 4-5  | Z7.261.1527.0 | 10        |
|                                       | 10-pole                                                                              | IVB WKF 4-10 | Z7.261.2027.0 | 10        |

## WT 4 FSI

- Fuse block for automobile fuses (mini) for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
- Connection capacity: 2 wires, equal size 0,14 – 2,5 mm<sup>2</sup>

<sup>1)</sup> Observe the derating curve, available in our e-catalog at <https://eshop.wieland-electric.com>

<sup>2)</sup> determined by the fuse inserted

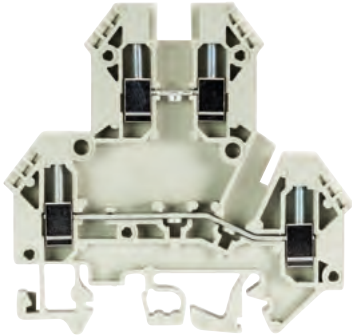


| Description                           | Type                 | Part No.                 | Std. Pack |
|---------------------------------------|----------------------|--------------------------|-----------|
| Fuse block                            | gray WT 4 FSI        | 58.504.4155.0            | 100       |
| GENERAL DATA                          |                      |                          |           |
| Width / length / height, incl. TS 7.5 | 6 mm / 56 mm / 50 mm |                          |           |
| Wire strip length                     | 9 mm                 |                          |           |
| Approvals                             |                      |                          |           |
| TECHNICAL DATA                        |                      | IEC                      |           |
| Cross section fine-stranded           |                      | 0.14 – 6 mm <sup>2</sup> |           |
| Cross section solid/stranded          |                      | 0.14 – 6 mm <sup>2</sup> |           |
| Cross section, AWG                    |                      |                          |           |
| Rated current                         |                      | max. 20 A <sup>1)</sup>  |           |
| Rated voltage                         |                      | <sup>2)</sup>            |           |
| Rated impulse voltage                 |                      | 6 kV                     |           |
| Pollution degree                      |                      | 3                        |           |
| ACCESSORIES                           | Type                 | Part No.                 | Std. Pack |
| End plate                             | AP WT 4 D1/2         | 07.313.2955.0            | 10        |
| Partition                             | TW WT 4 E            | 07.313.2855.0            | 10        |
| Cross connector                       | 2-pole               | IVB WKF 4-2              | 10        |
|                                       | 5-pole               | IVB WKF 4-5              | 10        |
|                                       | 10-pole              | IVB WKF 4-10             | 10        |

# SELOS · MULTI-TIER BLOCKS WITH SCREW CONNECTION

## WKN 2,5 E/U

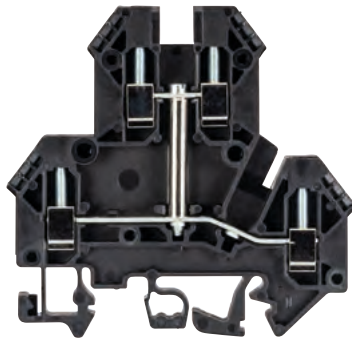
- Multi-tier block for mounting on TS 35 and TS 32
- Nominal cross section 2.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174
- Class I, Zone 1, AEx, e, II, T6



| Description                           | Type                                                                                                                                                                                                                                                     | Part No.      | Std. Pack  |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|
| Multi-tier block                      | gray WKN 2,5 E/U                                                                                                                                                                                                                                         | 57.403.7055.0 | 100        |
| <b>GENERAL DATA</b>                   |                                                                                                                                                                                                                                                          |               |            |
| Width / length / height, incl. TS 7.5 | 5 mm / 66 mm / 64 mm                                                                                                                                                                                                                                     |               |            |
| Wire strip length                     | 8 mm                                                                                                                                                                                                                                                     |               |            |
| Approvals                             |    |               |            |
| <b>TECHNICAL DATA</b>                 | <b>IEC</b>                                                                                                                                                                                                                                               | <b>UL</b>     | <b>CSA</b> |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                            |               |            |
| Cross section fine-stranded           | 0.14 – 2.5 mm <sup>2</sup>                                                                                                                                                                                                                               |               |            |
| Cross section solid/stranded          | 0.2 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                  |               |            |
| Cross section, AWG                    |                                                                                                                                                                                                                                                          | 22 – 12       | 24 – 12    |
| Rated current                         | 24 A                                                                                                                                                                                                                                                     | 20 A          | 25 A       |
| Rated voltage                         | 500 V                                                                                                                                                                                                                                                    | 600 V         | 600 V      |
| Rated impulse voltage                 | 6 A                                                                                                                                                                                                                                                      |               |            |
| Pollution degree                      | 3                                                                                                                                                                                                                                                        |               |            |

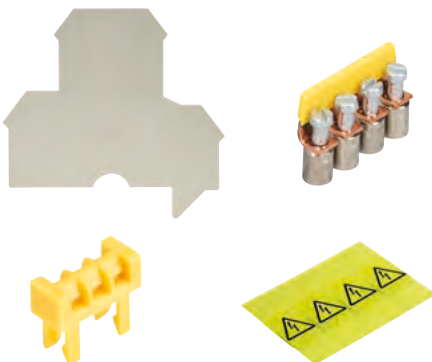
## WKN 2,5 E/U/VB

- Multi-tier block, vertically jumpered, with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 2.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174
- Class I, Zone 1, AEx, e, II, T6



| Description                           | Type                                                                                                                                                                                                                                                           | Part No.      | Std. Pack  |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------|
| Multi-tier block                      | black WKN 2,5 E/U/VB                                                                                                                                                                                                                                           | 57.403.6955.1 | 100        |
| <b>GENERAL DATA</b>                   |                                                                                                                                                                                                                                                                |               |            |
| Width / length / height, incl. TS 7.5 | 5 mm / 66 mm / 64 mm                                                                                                                                                                                                                                           |               |            |
| Wire strip length                     | 8 mm                                                                                                                                                                                                                                                           |               |            |
| Approvals                             |    |               |            |
| <b>TECHNICAL DATA</b>                 | <b>IEC</b>                                                                                                                                                                                                                                                     | <b>UL</b>     | <b>CSA</b> |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                                  |               |            |
| Cross section fine-stranded           | 0.14 – 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                     |               |            |
| Cross section solid/stranded          | 0.2 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                        |               |            |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                | 22 – 12       | 24 – 12    |
| Rated current                         | 24 A                                                                                                                                                                                                                                                           | 20 A          | 25 A       |
| Rated voltage                         | 500 V                                                                                                                                                                                                                                                          | 600 V         | 600 V      |
| Rated impulse voltage                 | 6 A                                                                                                                                                                                                                                                            |               |            |
| Pollution degree                      | 3                                                                                                                                                                                                                                                              |               |            |

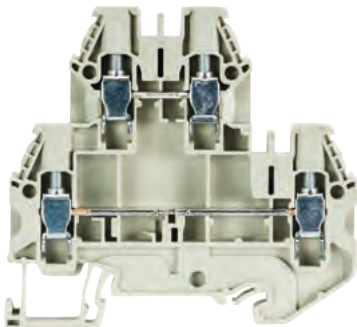
## ACCESSORIES FOR SELOS WKN 2,5 E/U



| ACCESSORIES                             | Type                          | Part No.      | Std. Pack |
|-----------------------------------------|-------------------------------|---------------|-----------|
| End plate                               | gray APN 2,5 E                | 07.312.1755.0 | 10        |
| Partition                               | gray TWN 2,5 E                | 07.312.1855.0 | 10        |
| Cross connector with screws, insulated  | 2-pole IVB WK 2,5 - 2         | Z7.280.2227.0 | 10        |
|                                         | 3-pole IVB WK 2,5 - 3         | Z7.280.2327.0 | 10        |
|                                         | up to 12-pole IVB WK 2,5 - 12 | Z7.280.3227.0 | 10        |
| Partition plate with marking facility   | yellow TS 2,5 GELB            | 07.311.2053.8 | 10        |
| Single cover with marking facility      | yellow AD VB 2,5 GELB         | 04.326.2053.8 | 10        |
| Cover with warning symbol over 4 blocks |                               | 04.343.4756.8 | 10        |

## WT 4 E

- Multi-tier block for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
-  II 2G 2D Ex eb IIC  
EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0  
EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4  
Follow the EX installation instructions on page 174
- Connection capacity: 2 wires, equal size  
0.14 – 2.5 mm<sup>2</sup>

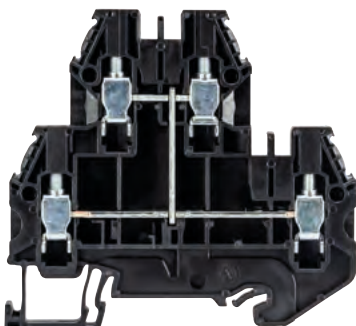


| Description      | Type           | Part No.      | Std. Pack |
|------------------|----------------|---------------|-----------|
| Multi-tier block | gray WT 4 E    | 58.504.7055.0 | 100       |
| Multi-tier block | blue WT 4 E BL | 58.504.7055.6 | 100       |

| GENERAL DATA                          |                                                                                                                                                                                                                            |               |               |                                                                                     |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|-------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 72 mm / 67 mm                                                                                                                                                                                                       |               |               |                                                                                     |
| Wire strip length                     | 9 mm                                                                                                                                                                                                                       |               |               |                                                                                     |
| Approvals                             |   ATEX IECEx IEC Ex SEV 14.0004 U<br>SEV 14 ATEX 0124 U |               |               |                                                                                     |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                        | UL            | CSA           |  |
|                                       | EN 60 947-7-1                                                                                                                                                                                                              |               |               |                                                                                     |
| Cross section fine-stranded           | 0.14 – 6 mm <sup>2</sup>                                                                                                                                                                                                   |               |               | 0.14 – 6 mm <sup>2</sup>                                                            |
| Cross section solid/stranded          | 0.14 – 6 mm <sup>2</sup>                                                                                                                                                                                                   |               |               | 0.14 – 6 mm <sup>2</sup>                                                            |
| Cross section, AWG                    |                                                                                                                                                                                                                            | 26 – 10       | 26 – 10       |                                                                                     |
| Rated current                         | 32 A                                                                                                                                                                                                                       | 30 A          | 30 A          | 32 A                                                                                |
| Rated voltage                         | 800 V                                                                                                                                                                                                                      | 300 V         | 300 V         | 550 V                                                                               |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                       |               |               |                                                                                     |
| Pollution degree                      | 3                                                                                                                                                                                                                          |               |               |                                                                                     |
| ACCESSORIES                           | Type                                                                                                                                                                                                                       | Part No.      |               | Std. Pack                                                                           |
| End plate                             | AP WT 4 E                                                                                                                                                                                                                  | 07.313.3355.0 |               | 10                                                                                  |
| Partition                             | TW WT 4 E                                                                                                                                                                                                                  | 07.313.2855.0 |               | 10                                                                                  |
| Cross connector                       | 2-pole                                                                                                                                                                                                                     | IVB WKF 4-2   | 27.261.1227.0 | 10                                                                                  |
|                                       | 3-pole                                                                                                                                                                                                                     | IVB WKF 4-3   | 27.261.1327.0 | 10                                                                                  |
|                                       | 4-pole                                                                                                                                                                                                                     | IVB WKF 4-4   | 27.261.1427.0 | 10                                                                                  |
|                                       | 5-pole                                                                                                                                                                                                                     | IVB WKF 4-5   | 27.261.1527.0 | 10                                                                                  |
|                                       | 10-pole                                                                                                                                                                                                                    | IVB WKF 4-10  | 27.261.2027.0 | 10                                                                                  |

## WT 4 E VB

- Multi-tier block, vertically jumpered, with screw connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
-  II 2G 2D Ex eb IIC  
EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0  
EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4  
Follow the EX installation instructions on page 174
- Connection capacity: 2 wires, equal size  
0.14 – 2.5 mm<sup>2</sup>

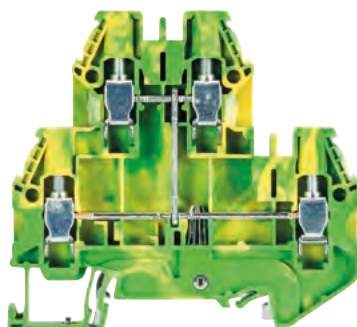


| Description      | Type            | Part No.      | Std. Pack |
|------------------|-----------------|---------------|-----------|
| Multi-tier block | black WT 4 E VB | 58.504.6955.1 | 100       |

| GENERAL DATA                          |                                                                                                                                                                                                                                 |               |               |                                                                                       |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|---------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 72 mm / 67 mm                                                                                                                                                                                                            |               |               |                                                                                       |
| Wire strip length                     | 9 mm                                                                                                                                                                                                                            |               |               |                                                                                       |
| Approvals                             |   ATEX IECEx IEC Ex SEV 14.0004 U<br>SEV 14 ATEX 0124 U |               |               |                                                                                       |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                             | UL            | CSA           |  |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                   |               |               |                                                                                       |
| Cross section fine-stranded           | 0.14 – 6 mm <sup>2</sup>                                                                                                                                                                                                        |               |               | 0.14 – 6 mm <sup>2</sup>                                                              |
| Cross section solid/stranded          | 0.14 – 6 mm <sup>2</sup>                                                                                                                                                                                                        |               |               | 0.14 – 6 mm <sup>2</sup>                                                              |
| Cross section, AWG                    | 26 – 10                                                                                                                                                                                                                         |               |               | 26 – 10                                                                               |
| Rated current                         | 32 A                                                                                                                                                                                                                            | 30 A          | 30 A          | 32 A                                                                                  |
| Rated voltage                         | 800 V                                                                                                                                                                                                                           | 300 V         | 300 V         | 550 V                                                                                 |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                            |               |               |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                                               |               |               |                                                                                       |
| ACCESSORIES                           | Type                                                                                                                                                                                                                            | Part No.      |               | Std. Pack                                                                             |
| End plate                             | AP WT 4 E                                                                                                                                                                                                                       | 07.313.3355.0 |               | 10                                                                                    |
| Partition                             | TW WT 4 E                                                                                                                                                                                                                       | 07.313.2855.0 |               | 10                                                                                    |
| Cross connector                       | 2-pole                                                                                                                                                                                                                          | IVB WKF 4-2   | 27.261.1227.0 | 10                                                                                    |
|                                       | 3-pole                                                                                                                                                                                                                          | IVB WKF 4-3   | 27.261.1327.0 | 10                                                                                    |
|                                       | 4-pole                                                                                                                                                                                                                          | IVB WKF 4-4   | 27.261.1427.0 | 10                                                                                    |
|                                       | 5-pole                                                                                                                                                                                                                          | IVB WKF 4-5   | 27.261.1527.0 | 10                                                                                    |
|                                       | 10-pole                                                                                                                                                                                                                         | IVB WKF 4-10  | 27.261.2027.0 | 10                                                                                    |

## WT 4 E PE

- Multi-tier ground block with screw connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
-  II 2G 2D Ex eb IIC  
EN 60079-0:12+A11:13 / IEC 60079-0:2011 Ed:6.0  
EN 60079-7:07 / IEC 60079-7:2006-07 Ed:4  
Follow the EX installation instructions on page 174
- Connection capacity: 2 wires, equal size  
0.14 – 2.5 mm<sup>2</sup>



| Description             | Type                   | Part No.      | Std. Pack |
|-------------------------|------------------------|---------------|-----------|
| Multi-tier ground block | green/yellow WT 4 E PE | 58.504.9255.0 | 100       |

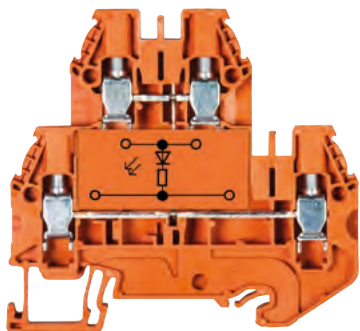
| GENERAL DATA                          |                                                                                                                                                                                                                                |               |           |                                                                                       |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|---------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 72 mm / 67 mm                                                                                                                                                                                                           |               |           |                                                                                       |
| Wire strip length                     | 9 mm                                                                                                                                                                                                                           |               |           |                                                                                       |
| Approvals                             |   ATEX IEC Ex IEC Ex SEV 14.0004 U SEV 14 ATEX 0124 U |               |           |                                                                                       |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                            | UL            | CSA       |  |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                  |               |           |                                                                                       |
| Cross section fine-stranded           | 0.14 – 6 mm <sup>2</sup>                                                                                                                                                                                                       |               |           | 0.14 – 6 mm <sup>2</sup>                                                              |
| Cross section solid/stranded          | 0.14 – 6 mm <sup>2</sup>                                                                                                                                                                                                       |               |           | 0.14 – 6 mm <sup>2</sup>                                                              |
| Cross section, AWG                    |                                                                                                                                                                                                                                |               |           | 26 – 10                                                                               |
| Rated current                         |                                                                                                                                                                                                                                |               |           |                                                                                       |
| Rated voltage                         | 800 V                                                                                                                                                                                                                          | 300 V         |           |                                                                                       |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                           |               |           |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                                              |               |           |                                                                                       |
| ACCESSORIES                           | Type                                                                                                                                                                                                                           | Part No.      | Std. Pack |                                                                                       |
| End plate                             | AP WT 4 E                                                                                                                                                                                                                      | 07.313.3355.0 | 10        |                                                                                       |



# SELOS · SPECIALTY FUNCTION BLOCKS WITH SCREW CONNECTION

## WT 4 E...

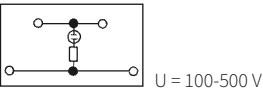
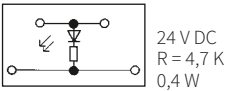
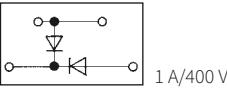
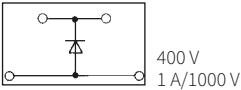
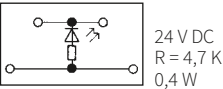
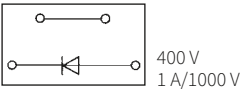
- Function block with screw connection for mounting on TS 35
- Nominal cross section 4 mm²
- Connection capacity: 2 wires, equal size 0.14 – 2.5 mm²



| Description                           | Type                 | Part No.         | Std. Pack            |
|---------------------------------------|----------------------|------------------|----------------------|
| Function block                        | orange WT 4 E...     | 58.504.XX55.9    | 100                  |
| <b>GENERAL DATA</b>                   |                      |                  |                      |
| Width / length / height, incl. TS 7.5 | 6 mm / 72 mm / 67 mm |                  |                      |
| Wire strip length                     | 9 mm                 |                  |                      |
| Approvals                             |                      |                  |                      |
| <b>TECHNICAL DATA</b>                 |                      | <b>IEC</b>       | <b>UL</b> <b>CSA</b> |
|                                       |                      | EN 60 947-7-1/-2 |                      |
| Cross section fine-stranded           | 0.14 – 6 mm²         |                  |                      |
| Cross section solid/stranded          | 0.14 – 6 mm²         |                  |                      |
| Cross section, AWG                    |                      | 26 – 10          | 26 – 10              |
| Rated current                         |                      |                  |                      |
| Rated voltage                         |                      |                  |                      |
| Rated impulse voltage                 |                      |                  |                      |
| Pollution degree                      |                      |                  |                      |
| <b>ACCESSORIES</b>                    |                      |                  |                      |
| End plate                             | gray AP WT 4 E       | 07.313.3355.0    | 10                   |

## EXAMPLES OF FUNCTIONS

The multi-tier block is as a function block for a wide variety of switch tasks on request, more details can be found in the e-shop.



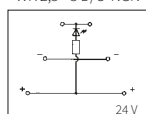
# SELOS · THREE-TIER- / INITIATOR BLOCKS WITH SCREW CONNECTION

## WK 2,5-3 D / U

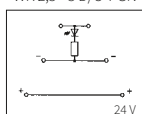
- Multi-tier block for mounting on TS 35 and TS 32
- Nominal cross section 2,5 mm<sup>2</sup>



WK 2,5 - 3 D/U-NGN



WK 2,5 - 3 D/U-PGN



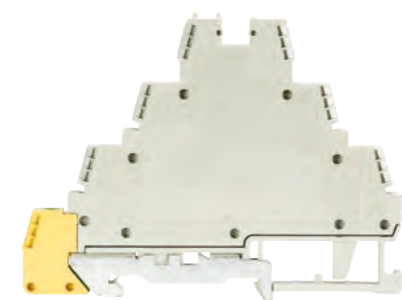
| Description                                    | Type                | Part No.      | Std. Pack |
|------------------------------------------------|---------------------|---------------|-----------|
| Multi-tier block                               | gray WK 2,5 - 3 D/U | 57.503.8855.0 | 50        |
| Multi-tier bl., LED (green) betw. signal and + | WK 2,5 - 3 D/U-NGN  | 57.503.8955.0 | 50        |
| Multi-tier bl., LED (green) betw. signal and - | WK 2,5 - 3 D/U-PGN  | 57.503.9055.0 | 50        |

| GENERAL DATA                          |                           |               |        |
|---------------------------------------|---------------------------|---------------|--------|
| Width / length / height, incl. TS 7.5 | 6 mm / 79 mm / 69 mm      |               |        |
| Wire strip length                     | 7 mm                      |               |        |
| Approvals                             |                           |               |        |
| TECHNICAL DATA                        |                           | IEC           | UL CSA |
|                                       |                           | EN 60 947-7-1 |        |
| Cross section fine-stranded           | 0.5 - 2.5 mm <sup>2</sup> |               |        |
| Cross section solid/stranded          | 0.5 - 4 mm <sup>2</sup>   |               |        |
| Cross section, AWG                    | 22 - 12                   |               |        |
| Rated current                         | 24 A                      | 25 A          | 25 A   |
| Rated voltage                         | 400 V*                    | 300 V*        | 300 V* |
| Rated impulse voltage                 | 6 kV                      |               |        |
| Pollution degree                      | 3                         |               |        |

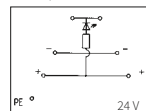
| ACCESSORIES | Type                | Part No.      | Std. Pack |
|-------------|---------------------|---------------|-----------|
| Partition   | gray TW 2,5 - 3 D/U | 07.312.1255.0 | 50        |

## WK 2,5-3 D / SL

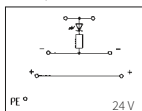
- Multi-tier block for mounting on TS 35
- Nominal cross section 2,5 mm<sup>2</sup>



WK 2,5 - 3 D SL-NGN



WK 2,5 - 3 D SL-PGN



| Description                                    | Type                 | Part No.      | Std. Pack |
|------------------------------------------------|----------------------|---------------|-----------|
| Multi-tier block                               | gray WK 2,5 - 3 D SL | 56.503.8355.0 | 50        |
| Multi-tier bl., LED (green) betw. signal and + | WK 2,5 - 3 D SL-NGN  | 56.503.8455.0 | 50        |
| Multi-tier bl., LED (green) betw. signal and - | WK 2,5 - 3 D SL-PGN  | 56.503.8555.0 | 50        |

| GENERAL DATA                          |                           |               |        |
|---------------------------------------|---------------------------|---------------|--------|
| Width / length / height, incl. TS 7.5 | 6 mm / 79 mm / 69 mm      |               |        |
| Wire strip length                     | 7 mm                      |               |        |
| Approvals                             |                           |               |        |
| TECHNICAL DATA                        |                           | IEC           | UL CSA |
|                                       |                           | EN 60 947-7-1 |        |
| Cross section fine-stranded           | 0.5 - 2.5 mm <sup>2</sup> |               |        |
| Cross section solid/stranded          | 0.5 - 4 mm <sup>2</sup>   |               |        |
| Cross section, AWG                    | 22 - 12                   |               |        |
| Rated current                         | 24 A                      | 25 A          | 25 A   |
| Rated voltage                         | 400 V*                    | 300 V*        | 300 V* |
| Rated impulse voltage                 | 6 kV                      |               |        |
| Pollution degree                      | 3                         |               |        |

| ACCESSORIES | Type                | Part No.      | Std. Pack |
|-------------|---------------------|---------------|-----------|
| Partition   | gray TW 2,5 - 3 D/U | 07.312.1255.0 | 50        |

## ACCESSORIES FOR SELOS WK 2,5-3 D

- The use of cross connectors (jumper combs), requires partitions in order to maintain the air and creepage distances.
- 24 V<sub>~</sub> with LED

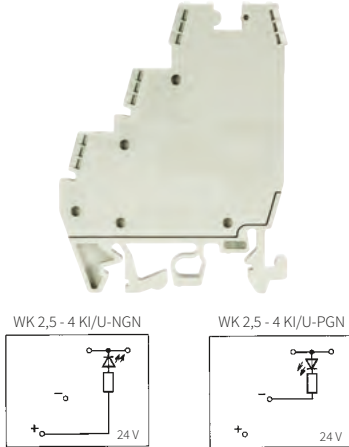


| ACCESSORIES                                             | Type                               | Part No.      | Std. Pack |
|---------------------------------------------------------|------------------------------------|---------------|-----------|
| Cross connector with screws, insulated, for upper level | 2-pole IVB WK/3D-02                | Z7.270.0227.0 | 10        |
|                                                         | 3-pole IVB WK/3D-03                | Z7.270.0327.0 | 10        |
|                                                         | up to 12-pole IVB WK/3D-12         | Z7.270.1227.0 | 10        |
| Jumper comb, angled, insulated (red), for lower level   | 2-pole IVB WK 2,5-K-2 ROT          | Z7.267.0227.5 | 10        |
|                                                         | 3-pole IVB WK 2,5-K-3 ROT          | Z7.267.0327.5 | 10        |
|                                                         | up to 12-pole IVB WK 2,5-K-12 ROT  | Z7.267.1227.5 | 10        |
| Jumper comb, angled, insulated (blue), for lower level  | 2-pole IVB WK 2,5-K-2 BLAU         | Z7.267.0227.6 | 10        |
|                                                         | 3-pole IVB WK 2,5-K-3 BLAU         | Z7.267.0327.6 | 10        |
|                                                         | up to 12-pole IVB WK 2,5-K-12 BLAU | Z7.267.1227.6 | 10        |

# SELOS · INITIATOR BLOCKS WITH SCREW CONNECTION

## WK 2,5-4 KI/U

- Initiator block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 2.5 mm<sup>2</sup>



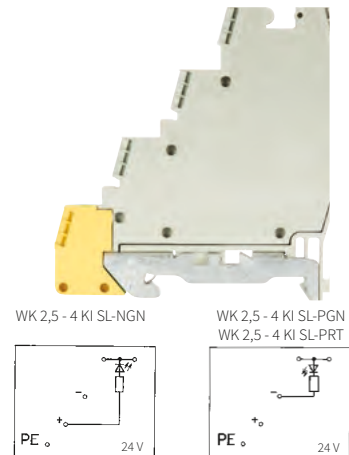
| Description                                    | Type                 | Part No.      | Std. Pack |
|------------------------------------------------|----------------------|---------------|-----------|
| Initiator block                                | gray WK 2,5 - 4 KI/U | 57.503.7855.0 | 100       |
| Multi-tier bl., LED (green) betw. signal and + | WK 2,5 - 4 KI/U-NGN  | 57.503.7955.0 | 100       |
| Multi-tier bl., LED (green) betw. signal and - | WK 2,5 - 4 KI/U-PGN  | 57.503.8055.0 | 100       |

| GENERAL DATA                          |                           |                 |         |
|---------------------------------------|---------------------------|-----------------|---------|
| Width / length / height, incl. TS 7.5 | 6 mm / 53 mm / 69 mm      |                 |         |
| Wire strip length                     | 7 mm                      |                 |         |
| Approvals                             |                           |                 |         |
| TECHNICAL DATA                        |                           | IEC             | UL CSA  |
|                                       |                           | EN 60 947-7-1   |         |
|                                       |                           | DIN VDE 0611 T1 |         |
| Cross section fine-stranded           | 0.5 – 2.5 mm <sup>2</sup> |                 |         |
| Cross section solid/stranded          | 0.5 – 4 mm <sup>2</sup>   |                 |         |
| Cross section, AWG                    |                           | 22 – 12         | 22 – 12 |
| Rated current                         | 24 A                      | 25 A            | 25 A    |
| Rated voltage                         | 250 V*                    | 300 V*          | 300 V*  |
| Rated impulse voltage                 | 4 kV                      |                 |         |
| Pollution degree                      | 3                         |                 |         |

| ACCESSORIES | Type                | Part No.      | Std. Pack |
|-------------|---------------------|---------------|-----------|
| Partition   | gray TW 2,5 - 4 K/U | 07.312.0555.0 | 10        |

## WK 2,5-4 KI/SL

- Initiator block with screw connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                                    | Type                  | Part No.      | Std. Pack |
|------------------------------------------------|-----------------------|---------------|-----------|
| Initiator block                                | gray WK 2,5 - 4 KI SL | 56.503.7355.0 | 100       |
| Multi-tier bl., LED (green) betw. signal and + | WK 2,5 - 4 KI SL-NGN  | 56.503.7455.0 | 100       |
| Multi-tier bl., LED (green) betw. signal and - | WK 2,5 - 4 KI SL-PGN  | 56.503.7555.0 | 100       |
| Multi-tier bl., LED (red) betw. signal and -   | WK 2,5 - 4 KI SL-PRT  | 56.503.7655.0 | 100       |

| GENERAL DATA                          |                           |                 |         |
|---------------------------------------|---------------------------|-----------------|---------|
| Width / length / height, incl. TS 7.5 | 6 mm / 64 mm / 69 mm      |                 |         |
| Wire strip length                     | 7 mm                      |                 |         |
| Approvals                             |                           |                 |         |
| TECHNICAL DATA                        |                           | IEC             | UL CSA  |
|                                       |                           | EN 60 947-7-1   |         |
|                                       |                           | DIN VDE 0611 T1 |         |
| Cross section fine-stranded           | 0.5 – 2.5 mm <sup>2</sup> |                 |         |
| Cross section solid/stranded          | 0.5 – 4 mm <sup>2</sup>   |                 |         |
| Cross section, AWG                    |                           | 22 – 12         | 22 – 12 |
| Rated current                         | 24 A                      | 25 A            | 25 A    |
| Rated voltage                         | 250 V*                    | 300 V*          | 300 V*  |
| Rated impulse voltage                 | 4 kV                      |                 |         |
| Pollution degree                      | 3                         |                 |         |

| ACCESSORIES | Type                | Part No.      | Std. Pack |
|-------------|---------------------|---------------|-----------|
| Partition   | gray TW 2,5 - 4 K/U | 07.312.0555.0 | 10        |

## ACCESSORIES FOR SELOS WK 2,5-4 KI

- The use of cross connectors (jumper combs), requires partitions in order to maintain the air and creepage distances.
- \* 24 V<sub>AC</sub> with LED



| ACCESSORIES                                             | Type                               | Part No.      | Std. Pack |
|---------------------------------------------------------|------------------------------------|---------------|-----------|
| Cross connector with screws, insulated, for upper level | 2-pole IVB WK/3D-02                | Z7.270.0227.0 | 10        |
|                                                         | 3-pole IVB WK/3D-03                | Z7.270.0327.0 | 10        |
|                                                         | up to 12-pole IVB WK/3D-12         | Z7.270.1227.0 | 10        |
| Jumper comb, angled, insulated (red), for lower level   | 2-pole IVB WK 2,5-K-2 ROT          | Z7.267.0227.5 | 10        |
|                                                         | 3-pole IVB WK 2,5-K-3 ROT          | Z7.267.0327.5 | 10        |
|                                                         | up to 12-pole IVB WK 2,5-K-12 ROT  | Z7.267.1227.5 | 10        |
| Jumper comb, angled, insulated (blue), for lower level  | 2-pole IVB WK 2,5-K-2 BLAU         | Z7.267.0227.6 | 10        |
|                                                         | 3-pole IVB WK 2,5-K-3 BLAU         | Z7.267.0327.6 | 10        |
|                                                         | up to 12-pole IVB WK 2,5-K-12 BLAU | Z7.267.1227.6 | 10        |

More accessories page 130 ff.

## WK 2,5-4 KOI/U

- Initiator block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 2.5 mm<sup>2</sup>

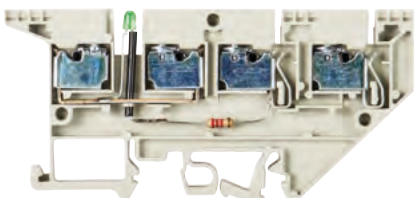


| Description                           | Type                      | Part No.      | Std. Pack            |
|---------------------------------------|---------------------------|---------------|----------------------|
| Initiator block                       | gray WK 2,5-4 KOI/U       | 57.503.7055.0 | 50                   |
| <b>GENERAL DATA</b>                   |                           |               |                      |
| Width / length / height, incl. TS 7.5 | 5 mm / 92 mm / 45 mm      |               |                      |
| Wire strip length                     | 10 mm                     |               |                      |
| Approvals                             |                           |               |                      |
| <b>TECHNICAL DATA</b>                 |                           | <b>IEC</b>    | <b>UL</b> <b>CSA</b> |
|                                       |                           | EN 60 947-7-1 |                      |
| Cross section fine-stranded           | 0.5 – 2.5 mm <sup>2</sup> |               |                      |
| Cross section solid/stranded          | 0.5 – 4 mm <sup>2</sup>   |               |                      |
| Cross section, AWG                    |                           | 22 – 12       | 22 – 12              |
| Rated current, feed-through           | 16 A                      | 20/30 A       | 25 A                 |
| Rated voltage                         | 400 V                     | 300 V         | 300 V                |
| Rated impulse voltage                 | 6 kV                      |               |                      |
| Pollution degree                      | 3                         |               |                      |
| <b>ACCESSORIES</b>                    |                           |               |                      |
| Cross connector with screws,          | 2-pole                    | VB WK 2,5-2   | 27.280.0227.0        |
| for signal feed through               | 3-pole                    | VB WK 2,5-3   | 27.280.0327.0        |
|                                       | up to 6-pole              | VB WK 2,5-6   | 27.280.0627.0        |

## WK 2,5-4 KOI/U-NGN

## WK 2,5-4 KOI/U-PGN

- Initiator block with screw connection for mounting on TS 35 and TS 32
- **NGN:** With LED (green) between signal and plus
- **PGN:** Wit LED (green) between signal and minus
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                                                                                                                                                                                                                                                                                                           | Type                      | Part No.      | Std. Pack            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------|----------------------|
| Initiator block                                                                                                                                                                                                                                                                                                       | gray WK 2,5-4 KOI/U-NGN   | 57.503.7155.0 | 50                   |
| Initiator block                                                                                                                                                                                                                                                                                                       | gray WK 2,5-4 KOI/U-PGN   | 57.503.7255.0 | 50                   |
| <b>GENERAL DATA</b>                                                                                                                                                                                                                                                                                                   |                           |               |                      |
| Width / length / height, incl. TS 7.5                                                                                                                                                                                                                                                                                 | 5 mm / 92 mm / 45 mm      |               |                      |
| Wire strip length                                                                                                                                                                                                                                                                                                     | 10 mm                     |               |                      |
| Approvals                                                                                                                                                                                                                                                                                                             |                           |               |                      |
| <b>TECHNICAL DATA</b>                                                                                                                                                                                                                                                                                                 |                           | <b>IEC</b>    | <b>UL</b> <b>CSA</b> |
|                                                                                                                                                                                                                                                                                                                       |                           | EN 60 947-7-1 |                      |
| Cross section fine-stranded                                                                                                                                                                                                                                                                                           | 0.5 – 2.5 mm <sup>2</sup> |               |                      |
| Cross section solid/stranded                                                                                                                                                                                                                                                                                          | 0.5 – 4 mm <sup>2</sup>   |               |                      |
| Cross section, AWG                                                                                                                                                                                                                                                                                                    |                           | 22 – 12       | 22 – 12              |
| Rated current, feed-through                                                                                                                                                                                                                                                                                           | 16 A                      | 20/30 A       | 25 A                 |
| Rated voltage                                                                                                                                                                                                                                                                                                         | 24 DC                     | 24 V          | 24 V                 |
| Rated impulse voltage                                                                                                                                                                                                                                                                                                 |                           |               |                      |
| Pollution degree                                                                                                                                                                                                                                                                                                      |                           |               |                      |
| <div style="display: flex; justify-content: space-around; align-items: flex-start;"> <div style="text-align: center;"> <br/> <b>NGN:</b> Indicator: R = 2.2 K 0,35 W<br/>Lamp color: green </div> <div style="text-align: center;"> <br/> <b>PGN:</b> Indicator: R = 2.2 K 0,35 W<br/>Lamp color: green </div> </div> |                           |               |                      |

## ACCESSORIES FOR SELOS WK 2,5-4 KOI/U



| ACCESSORIES                                     | Type                      | Part No.        | Std. Pack     |
|-------------------------------------------------|---------------------------|-----------------|---------------|
| End plate                                       | gray AP 2,5-4 KO          | 07.310.9355.0   | 50            |
| Partition                                       | gray TW 2,5-4 KO          | 07.310.9455.0   | 50            |
| Cross connector                                 | 2-pole                    | VB WK 2,5 KO-2  | 07.257.0227.0 |
| for voltage supply                              | 3-pole                    | VB WK 2,5 KO-3  | 07.257.0327.0 |
|                                                 | up to 20-pole             | VB WK 2,5 KO-20 | 07.257.0227.0 |
| Partition plate with marking facility           | yellow TS 2,5 GELB        | 07.311.2053.8   | 10            |
| Single cover with marking facility              | yellow AD VB 2,5 GELB     | 04.326.2053.8   | 10            |
| Cover strip for cross connectors over 10 blocks | AD VB 5/10                | 04.342.0556.0   | 10            |
| Tear-off marking strip, red, marked “+”         | red 9705 A/5/10 B + ROT   | 04.855.0253.5   | 25            |
| Tear-off marking strip, blue, marked “-”        | blue 9705 A/5/10 B - BLAU | 04.855.0353.6   | 25            |



# SELOS · FUSE BLOCKS WITH SCREW CONNECTION

## WK 4 TKG... WITH THSI 5X20

- Disconnect base block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 4 mm<sup>2</sup>

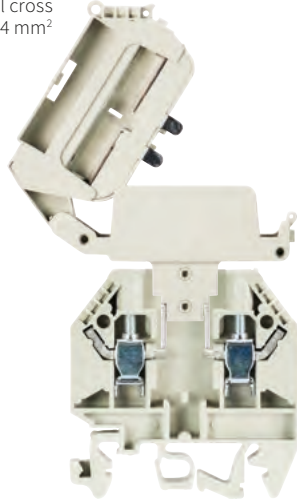


| Description                                             | Type            | Part No.      | Std. Pack |
|---------------------------------------------------------|-----------------|---------------|-----------|
| Disconnect base block                                   | gray WK 4 TKG/U | 57.504.4055.0 | 100       |
| Fuse disconnect lever                                   | gray THSI 5x20  | Z1.298.1053.0 | 10        |
| Fuse disconnect lever with LED 12 - 24 V <sup>2)</sup>  | THSI 5x20 LED24 | Z1.298.1153.0 | 10        |
| Fuse disconnect lever with LED 24 - 60 V <sup>2)</sup>  | THSI 5x20 LED60 | Z1.298.1253.0 | 10        |
| Fuse disconnect lever with GL 110 - 250 V <sup>2)</sup> | THSI 5x20 GL250 | Z1.298.1353.0 | 10        |

| GENERAL DATA                          |                                                                                    |                     |                     |
|---------------------------------------|------------------------------------------------------------------------------------|---------------------|---------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 48 mm / 81 mm                                                               |                     |                     |
| Wire strip length                     | 9 mm                                                                               |                     |                     |
| Approvals                             |  |                     |                     |
| TECHNICAL DATA                        | IEC                                                                                | UL                  | CSA                 |
|                                       | EN 60 947-7-1, EN 60 127-6                                                         |                     |                     |
| Cross section fine-stranded           | 0.5 – 4 mm <sup>2</sup>                                                            |                     |                     |
| Cross section solid/stranded          | 0.5 – 6 mm <sup>2</sup>                                                            |                     |                     |
| Cross section, AWG                    |                                                                                    | 22 – 10             | 20 – 10             |
| Rated current                         | <sup>1)</sup>                                                                      | 10 A <sup>1)</sup>  | 6.3 A <sup>1)</sup> |
| Rated voltage                         | 690 V <sup>2)</sup>                                                                | 300 V <sup>2)</sup> | 250 V <sup>2)</sup> |
| Rated impulse voltage                 | 6 kV                                                                               |                     |                     |
| Pollution degree                      | 3                                                                                  |                     |                     |

## WK 4 TKG... WITH THSI 6,3X32

- Disconnect base block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 4 mm<sup>2</sup>



| Description                                             | Type              | Part No.      | Std. Pack |
|---------------------------------------------------------|-------------------|---------------|-----------|
| Disconnect base block                                   | gray WK 4 TKG/U   | 57.504.4055.0 | 100       |
| Fuse disconnect lever                                   | gray THSI 6,3x32  | Z1.298.1653.0 | 10        |
| Fuse disconnect lever with LED 12 - 24 V <sup>2)</sup>  | THSI 6,3x32 LED24 | Z1.298.1753.0 | 10        |
| Fuse disconnect lever with LED 24 - 60 V <sup>2)</sup>  | THSI 6,3x32 LED60 | Z1.298.1853.0 | 10        |
| Fuse disconnect lever with GL 110 - 250 V <sup>2)</sup> | THSI 6,3x32 GL250 | Z1.298.1953.0 | 10        |

| GENERAL DATA                          |                                                                                      |                                               |                     |
|---------------------------------------|--------------------------------------------------------------------------------------|-----------------------------------------------|---------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 48 mm / 81 mm                                                                 |                                               |                     |
| Width disconnect lever THSI 6.3x32    | 8 mm                                                                                 | use end plate 07.311.6155.0 to maintain pitch |                     |
| Wire strip length                     | 9 mm                                                                                 |                                               |                     |
| Approvals                             |  |                                               |                     |
| TECHNICAL DATA                        | IEC                                                                                  | UL                                            | CSA                 |
|                                       | EN 60947-7-1, EN 60 127-6                                                            |                                               |                     |
| Cross section fine-stranded           | 0.5 – 4 mm <sup>2</sup>                                                              |                                               |                     |
| Cross section solid/stranded          | 0.5 – 6 mm <sup>2</sup>                                                              |                                               |                     |
| Cross section, AWG                    |                                                                                      | 22 – 10                                       | 20 – 10             |
| Rated current                         | 1) <sup>1)</sup>                                                                     | 10 A <sup>1)</sup>                            | 6.3 A <sup>1)</sup> |
| Rated voltage                         | 690 V <sup>2)</sup>                                                                  | 300 V <sup>2)</sup>                           | 250 V <sup>2)</sup> |
| Rated impulse voltage                 | 6 kV                                                                                 |                                               |                     |
| Pollution degree                      | 3                                                                                    |                                               |                     |

## TECHNICAL INFORMATION:

<sup>1)</sup> When selecting G fuse inserts, make sure that the specified maximum power loss is not exceeded. The current is determined by the inserted fuse.

Maximum power loss at 23°C ambient temperature (according to DIN EN 60947-7-3)

| Type        | Rated Voltage | Overload protection |                   | Exclusive short-circuit protection |                   |
|-------------|---------------|---------------------|-------------------|------------------------------------|-------------------|
|             |               | Single arrangement  | Group arrangement | Single arrangement                 | Group arrangement |
| THSI 5x20   | 250V          | 2.5W                | 1.6W              | 4.0W                               | 2.5W              |
| THSI 6,3x32 | 500V          | 2.5W                | 1.6W              | 4.0W                               | 4.0W              |
| SIST        | 250V          | 2.5W                | 1.6W              | 2.5W                               | 2.5W              |

<sup>2)</sup> The voltage range is determined by the built-in LED display.

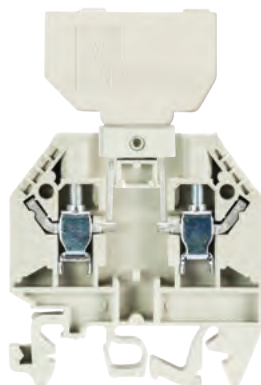
Depending on the application and the installation method, the possibility of increased temperature must be checked in the closed fuse holders.

Higher ambient temperatures mean additional stress for the fuse inserts. Therefore, the reduction of the rated current must be considered accordingly in these applications.

|                   |                                               |
|-------------------|-----------------------------------------------|
| Indicator (24V):  | Lamp color: red<br>Power consumption: 10.3 mA |
| Indicator (220V): | Lamp color: red<br>Power consumption: 0.3 mA  |

### WK 4 TKG... SIST

- Disconnect base block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 4 mm<sup>2</sup>



| Description                 | Type            | Part No.      | Std. Pack |
|-----------------------------|-----------------|---------------|-----------|
| Disconnect base block       | gray WK 4 TKG/U | 57.504.4055.0 | 100       |
| Fuse holder for 5x20 fuse   | Si ST           | Z1.299.4055.0 | 10        |
| Fuse holder with LED 24-60V | Si ST LED       | Z1.299.4155.0 | 10        |
| Fuse holder with GL 220V    | Si ST GL        | Z1.299.4255.0 | 10        |

#### GENERAL DATA

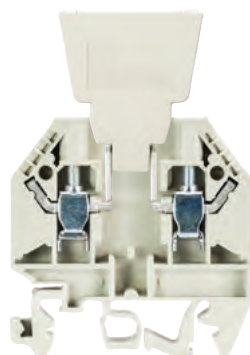
|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 48 mm / 68 mm |
| Wire strip length                     | 9 mm                 |
| Approvals                             |                      |

#### TECHNICAL DATA

|                              | IEC                      | UL      | CSA                 |
|------------------------------|--------------------------|---------|---------------------|
|                              | EN 60947-7-1, EN 60127-6 |         |                     |
| Cross section fine-stranded  | 0.5 – 4 mm <sup>2</sup>  |         |                     |
| Cross section solid/stranded | 0.5 – 6 mm <sup>2</sup>  |         |                     |
| Cross section, AWG           |                          | 22 – 10 | 20 – 10             |
| Rated current                | 1 <sup>1)</sup>          | 10 A    | 6.3 A <sup>1)</sup> |
| Rated voltage                | 690 V <sup>2)</sup>      | 300 V   | 250 V               |
| Rated impulse voltage        | 6 kV                     |         |                     |
| Pollution degree             | 3                        |         |                     |

### WK 4 TKG... DIST

- Disconnect base block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 4 mm<sup>2</sup>



| Description                   | Type                                                 | Part No.      | Std. Pack |
|-------------------------------|------------------------------------------------------|---------------|-----------|
| Disconnect base block         | gray WK 4 TKG/U                                      | 57.504.4055.0 | 100       |
| Diode plug - without contacts | DIST ...                                             | Z1.299.3055.0 | 10        |
| Diode plug - diode            | I <sub>max</sub> = 1 A DIST-1 N 4007-1 <sup>3)</sup> | Z1.299.3155.0 | 10        |
| Diode plug - diode            | I <sub>max</sub> = 1 A DIST-1 N 4007-2 <sup>4)</sup> | Z1.299.3355.0 | 10        |
| Diode plug with jumper        | I <sub>max</sub> = 10 A DIST-D                       | Z1.299.3255.0 | 10        |

#### GENERAL DATA

|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 48 mm / 68 mm |
| Wire strip length                     | 9 mm                 |
| Approvals                             |                      |

#### TECHNICAL DATA

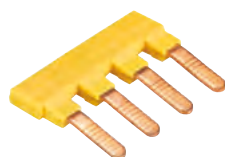
|                              | IEC                      | UL      | CSA                 |
|------------------------------|--------------------------|---------|---------------------|
|                              | EN 60947-7-1, EN 60127-6 |         |                     |
| Cross section fine-stranded  | 0.5 – 4 mm <sup>2</sup>  |         |                     |
| Cross section solid/stranded | 0.5 – 6 mm <sup>2</sup>  |         |                     |
| Cross section, AWG           |                          | 22 – 10 | 20 – 10             |
| Rated current                |                          | 10 A    | 6.3 A <sup>1)</sup> |
| Rated voltage                | 690 V <sup>2)</sup>      | 300 V   | 250 V               |
| Rated impulse voltage        | 6 kV                     |         |                     |
| Pollution degree             | 3                        |         |                     |

The current carrying load depends on the component used.

Temporary peak voltage 1000 V.

Pole assignment of the diode: Anode Cathode<sup>3)</sup>  
Cathode Anode<sup>4)</sup>

## ACCESSORIES FOR SELOS WK 4 TKG WITH THSI 5, SIST AND DIST



| ACCESSORIES            | Type                        | Part No.      | Std. Pack |
|------------------------|-----------------------------|---------------|-----------|
| End plate              | gray AP 4 TK                | 07.311.6155.0 | 10        |
| Partition              | gray TW 4 TK                | 07.311.8155.0 | 10        |
| Jumper comb, insulated | 2-pole IVB 1 WK 4..-2       | Z7.255.4227.0 | 10        |
|                        | 3-pole IVB 1 WK 4..-3       | Z7.255.4327.0 | 10        |
|                        | up to 6-pole IVB 1 WK 4..-6 | Z7.255.4627.0 | 10        |

# SELOS · FUSE- AND KNIFE EDGE DISCONNECT BLOCKS WITH SCREW CONNECTION

## WK 4/SI-D/U 5X25

- Fuse block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 4 mm<sup>2</sup>

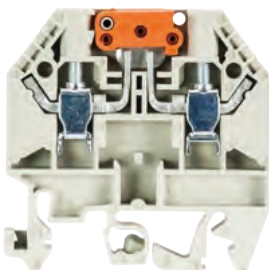


| Description                            | Type                                                                               | Part No.      | Std. Pack |
|----------------------------------------|------------------------------------------------------------------------------------|---------------|-----------|
| Fuse block                             | gray                                                                               |               |           |
| w. G-screw cap B DIN 41674, 5x25 mm    | WK 4/Si-D/U 5 x 25                                                                 | 57.504.1655.0 | 50        |
| w. G-SG-screw cap A DIN 41674, 5x20 mm | WK 4/Si-D/U 5 x 20                                                                 | 57.504.1755.0 | 50        |
| GENERAL DATA                           |                                                                                    |               |           |
| Width / length / height, incl. TS 7.5  | 12 mm / 48 mm / 49 mm                                                              |               |           |
| Wire strip length                      | 9 mm                                                                               |               |           |
| Approvals                              |  |               |           |
| TECHNICAL DATA                         | IEC                                                                                | UL            | CSA       |
|                                        | EN 60947-7-1, EN 60 127-6                                                          |               |           |
| Cross section fine-stranded            | 0.5 – 4 mm <sup>2</sup>                                                            |               |           |
| Cross section solid/stranded           | 0.5 – 6 mm <sup>2</sup>                                                            |               |           |
| Cross section, AWG                     |                                                                                    |               | 20 – 10   |
| Rated current                          | 6.3 A                                                                              |               | 10 A      |
| Rated voltage                          | 690 V                                                                              |               | 250 V     |
| Rated impulse voltage                  | 6 kV                                                                               |               |           |
| Pollution degree                       | 3                                                                                  |               |           |
| ACCESSORIES                            | Type                                                                               | Part No.      | Std. Pack |
| End plate                              | gray AP 4 TK                                                                       | 07.311.6155.0 | 10        |
| Partition                              | gray TW 4 TK                                                                       | 07.311.8155.0 | 10        |
| Jumper comb, insulated                 | 2-pole IVB 1 WK 4..-2                                                              | Z7.255.4227.0 | 10        |
|                                        | 3-pole IVB 1 WK 4..-3                                                              | Z7.255.4327.0 | 10        |
|                                        | up to 6-pole IVB 1 WK 4..-6                                                        | Z7.255.4627.0 | 10        |

## WK 4/TKM

- Knife edge disconnect block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 4 mm<sup>2</sup>

\* **Version with test bolt:** CSA: 300V  
EN 60947-7-1 – 400V / 4 kV / 3  
Test bolt can be loaded with 1A



| Description                           | Type                                                                                 | Part No.      | Std. Pack |
|---------------------------------------|--------------------------------------------------------------------------------------|---------------|-----------|
| Knife edge disconnect block           | gray WK 4/TKM/U                                                                      | 57.504.2055.0 | 100       |
| Knife edge disconnect block           | blue WK 4/TKM/U BLAU                                                                 | 57.504.2055.6 | 100       |
| with 2 test bolts*                    | gray WK 4/TKM/P3/U                                                                   | 57.504.2355.0 | 100       |
| GENERAL DATA                          |                                                                                      |               |           |
| Width / length / height, incl. TS 7.5 | 6 mm / 48 mm / 49 mm                                                                 |               |           |
| Wire strip length                     | 9 mm                                                                                 |               |           |
| Approvals                             |  |               |           |
| TECHNICAL DATA                        | IEC                                                                                  | UL            | CSA       |
|                                       | EN 60947-7-1, EN 60 127-6                                                            |               |           |
| Cross section fine-stranded           | 0.5 – 4 mm <sup>2</sup>                                                              |               |           |
| Cross section solid/stranded          | 0.5 – 6 mm <sup>2</sup>                                                              |               |           |
| Cross section, AWG                    |                                                                                      | 22 – 10       | 22 – 10   |
| Rated current                         | 20 A                                                                                 | 20 A          | 20 A      |
| Rated voltage                         | 690 V                                                                                | 600 V         | 600 V     |
| Rated impulse voltage                 | 6 kV                                                                                 |               |           |
| Pollution degree                      | 3                                                                                    |               |           |
| ACCESSORIES                           | Type                                                                                 | Part No.      | Std. Pack |
| End plate                             | gray AP 4 TK                                                                         | 07.311.6155.0 | 10        |
| Partition                             | gray TW 4 TK                                                                         | 07.311.8155.0 | 10        |
| Jumper comb, insulated                | 2-pole IVB 1 WK 4..-2                                                                | Z7.255.4227.0 | 10        |
|                                       | 3-pole IVB 1 WK 4..-3                                                                | Z7.255.4327.0 | 10        |
|                                       | up to 6-pole IVB 1 WK 4..-6                                                          | Z7.255.4627.0 | 10        |

## WK 4 TKG-TRST/U

- Invertible plug disconnect block with screw connection for mounting on TS 35 and 42

- Nominal cross section 4 mm<sup>2</sup>

\* **Version with test bolt:** CSA: 300V  
EN 60947-7-1 – 400V / 4 kV / 3  
Test bolt can be loaded with 1A



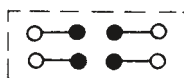
| Description                                                  | Type                                                                                 | Part No.      | Std. Pack |
|--------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------|-----------|
| Invertible plug disconnect block<br>with 2 test bolts, gray* | gray WK 4 TKG-TRST/U                                                                 | 57.504.4555.0 | 100       |
|                                                              | WK 4 TKG-TRST P3/U                                                                   | 57.504.4855.0 | 100       |
| GENERAL DATA                                                 |                                                                                      |               |           |
| Width / length / height, incl. TS 7.5                        | 6 mm / 48 mm / 78 mm                                                                 |               |           |
| Wire strip length                                            | 9 mm                                                                                 |               |           |
| Approvals                                                    |  |               |           |
| TECHNICAL DATA                                               | IEC                                                                                  | UL            | CSA       |
|                                                              | EN 60947-7-1, EN 60 127-6                                                            |               |           |
| Cross section fine-stranded                                  | 0.5 – 4 mm <sup>2</sup>                                                              |               |           |
| Cross section solid/stranded                                 | 0.5 – 6 mm <sup>2</sup>                                                              |               |           |
| Cross section, AWG                                           |                                                                                      | 22 – 10       | 22 – 10   |
| Rated current                                                | 20 A                                                                                 | 10 A          | 20 A      |
| Rated voltage                                                | 690 V                                                                                | 300 V         | 600 V     |
| Rated impulse voltage                                        | 6 kV                                                                                 |               |           |
| Pollution degree                                             | 3                                                                                    |               |           |
| ACCESSORIES                                                  |                                                                                      |               |           |
| End plate                                                    | gray AP 4 TK                                                                         | 07.311.6155.0 | 10        |
| Partition                                                    | gray TW 4 TK                                                                         | 07.311.8155.0 | 10        |
| Jumper comb, insulated                                       | 2-pole IVB 1 WK 4..-2                                                                | Z7.255.4227.0 | 10        |
|                                                              | 3-pole IVB 1 WK 4..-3                                                                | Z7.255.4327.0 | 10        |
|                                                              | up to 6-pole IVB 1 WK 4..-6                                                          | Z7.255.4627.0 | 10        |
|                                                              |                                                                                      |               |           |

More accessories page 130 ff.

# SELOS · FUNCTION BLOCKS WITH SCREW CONNECTION

## 9786 U/12

- Function block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                      | Type          | Part No.      | Std. Pack |
|----------------------------------|---------------|---------------|-----------|
| Function block empty             | 9786 U/12     | 57.904.2055.0 | 50        |
| with bridge rectifier B380 C1500 | 9786 U/12 G4  | 57.904.2555.0 | 50        |
| with optocoupler CNY 17/3        | 9786 U/12 OPK | 57.904.2855.0 | 50        |

| GENERAL DATA                          |                       |         |         |
|---------------------------------------|-----------------------|---------|---------|
| Width / length / height, incl. TS 7.5 | 12 mm / 52 mm / 58 mm |         |         |
| Wire strip length                     | 9 mm                  |         |         |
| Approvals                             |                       |         |         |
| TECHNICAL DATA                        | IEC                   | UL      | CSA     |
|                                       | EN 60947-7-1          |         |         |
| Cross section fine-stranded           | 0.5 – 2.5 mm²         |         |         |
| Cross section solid/stranded          | 0.5 – 2.5 mm²         |         |         |
| Cross section, AWG                    |                       | 22 – 14 | 22 – 14 |
| Rated current                         | 24 A                  | 6 A     | 6 A     |
| Rated voltage                         | 800 V                 | 300 V   | 300 V   |
| Rated impulse voltage                 | 8 kV                  |         |         |
| Pollution degree                      | 3                     |         |         |

## 9760 U/8

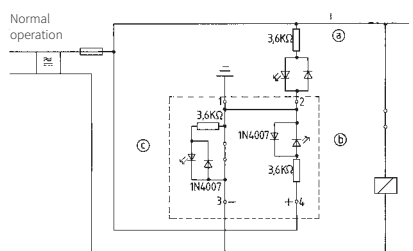
- Ground disconnect with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 6 mm<sup>2</sup>



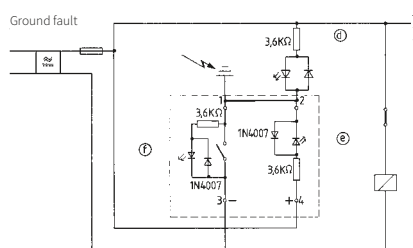
| Description                                 | Type             | Part No.      | Std. Pack |
|---------------------------------------------|------------------|---------------|-----------|
| Ground disconnect 24-48V $\approx$ with LED | 9760 U/8 TKE 48  | 57.110.1655.0 | 25        |
| 110-220V $\approx$ with indicator lamp      | 9760 U/8 TKE 220 | 57.110.1555.0 | 25        |

| GENERAL DATA                          |                          |              |              |
|---------------------------------------|--------------------------|--------------|--------------|
| Width / length / height, incl. TS 7.5 | 17,5 mm / 71 mm / 52 mm  |              |              |
| Wire strip length                     | 9 mm                     |              |              |
| Approvals                             |                          |              |              |
| TECHNICAL DATA                        | IEC                      | UL           | CSA          |
|                                       | EN 60947-7-1             |              |              |
| Cross section fine-stranded           | 1.0 – 10 mm <sup>2</sup> |              |              |
| Cross section solid/stranded          | 1.0 – 10 mm <sup>2</sup> |              |              |
| Cross section, AWG                    |                          | 18 – 8       | 18 – 8       |
| Rated current                         | 30 A                     | 25 A         | 25 A         |
| Rated voltage                         | 24 – 48 V / 110 – 220 V  | 48 V / 220 V | 48 V / 220 V |
| Rated impulse voltage                 |                          |              |              |
| Pollution degree                      |                          |              |              |

### Ground Disconnect terminal with LED 24-48V $\approx$

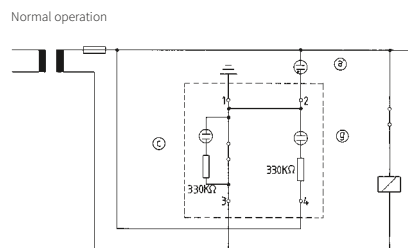


- Ⓐ external status display lights up
- Ⓑ green status display lights up
- Ⓒ red ground-fault indicator lights up

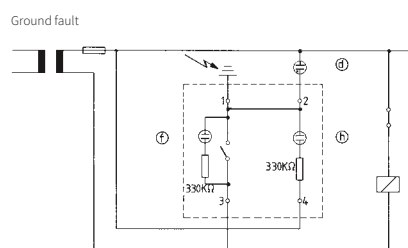


- Ⓓ external status display lights up
- Ⓔ green status display lights up
- Ⓕ red ground-fault indicator lights up

### Ground Disconnect terminal with Neon Lamp 110-220V $\approx$



- Ⓖ yellow status display lights up



- Ⓗ yellow indicator light not flashing

# SELOS · FUSE BLOCKS WITH SCREW CONNECTION

## WK 4 THSi 5.../U

- Integrated lever-action fuse block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 4 mm<sup>2</sup>
- For 5 mm miniature fuses
- The standard block has a storage location for a replacement fuse.



| Description                           | Type                              | Part No.      | Std. Pack |
|---------------------------------------|-----------------------------------|---------------|-----------|
| Fuse block                            | gray WK 4/THSi 5 ... U            | 57.904.5355.0 | 50        |
| - with LED 5-12V~/s current consumed. | 2.3-7 mA WK 4/THSi 5 LED 12 U     | 57.904.5455.0 | 50        |
| - with LED 12-24V~/s current con.     | 2.8-6.2 mA WK 4/THSi 5 LED 24 U   | 57.904.5555.0 | 50        |
| - with LED 24-60V~/s current con.     | 1.5-4 mA WK 4/THSi 5 LED 60 U     | 57.904.5655.0 | 50        |
| - with GL 110-250V~/s current con.    | 0.13-0.55 mA WK 4/THSi 5 GL 250 U | 57.904.5755.0 | 50        |
| - with GL 380-500V~/s current con.    | 0.2-0.3 mA WK 4/THSi 5 GL 500 U   | 57.904.5855.0 | 50        |

### GENERAL DATA

Width / length / height, incl. TS 7.5 8 mm / 77 mm / 54 mm

Wire strip length 8 mm

Approvals 

### TECHNICAL DATA

IEC

UL

CSA

EN 60947-7-1, EN 60127-6

Cross section fine-stranded 0,5 - 4 mm<sup>2</sup>

Cross section solid/stranded 0,5 - 6 mm<sup>2</sup>

Cross section, AWG 22 - 10 22 - 10

Rated current 6.3 A<sup>1)</sup> 15 A 6.3 A

Rated voltage 800 V<sup>2)</sup> 600 V<sup>2)</sup> 600 V<sup>2)</sup>

Rated impulse voltage 8 kV

Pollution degree 3

## WK 4 THSi 6,3.../U

- Integrated lever-action fuse block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 4 mm<sup>2</sup>
- For 6.3 mm miniature fuses
- The standard block has a storage location for a replacement fuse.



| Description                           | Type                                | Part No.      | Std. Pack |
|---------------------------------------|-------------------------------------|---------------|-----------|
| Fuse block                            | gray WK 4/THSi 6,3 ... U            | 57.904.6355.0 | 50        |
| - with LED 5-12V~/s current consumed. | 2.3-7 mA WK 4/THSi 6,3 LED 12 U     | 57.904.6455.0 | 50        |
| - with LED 12-24V~/s current con.     | 2.8-6.2 mA WK 4/THSi 6,3 LED 24 U   | 57.904.6555.0 | 50        |
| - with LED 24-60V~/s current con.     | 1.5-4 mA WK 4/THSi 6,3 LED 60 U     | 57.904.6655.0 | 50        |
| - with GL 110-250V~/s current con.    | 0.13-0.55 mA WK 4/THSi 6,3 GL 250 U | 57.904.6755.0 | 50        |
| - with GL 380-500V~/s current con.    | 0.2-0.3 mA WK 4/THSi 6,3 GL 500 U   | 57.904.6855.0 | 50        |

### GENERAL DATA

Width / length / height, incl. TS 7.5 10 mm / 77 mm / 54 mm

Wire strip length 8 mm

Approvals 

### TECHNICAL DATA

IEC

UL

CSA

EN 60947-7-1, EN 60127-6

Cross section fine-stranded 0,5 - 4 mm<sup>2</sup>

Cross section solid/stranded 0,5 - 6 mm<sup>2</sup>

Cross section, AWG 22 - 10 22 - 10

Rated current 10 A<sup>1)</sup> 15 A 10 A

Rated voltage 800 V<sup>2)</sup> 600 V<sup>2)</sup> 600 V<sup>2)</sup>

Rated impulse voltage 8 kV

Pollution degree 3

## TECHNICAL INFORMATION FOR SELOS WK 4 THSi

The fuse blocks of this type have a flip top disconnect lever. It accepts miniature fuses of 5x20, 5x25 and 5x30 mm (terminal width: 8 mm) or 6.3x32 mm (terminal width: 10 mm). The hinged lever has latch points both in the open and in the closed position, and can be sealed.

All terminal blocks are available in two different versions, i.e. with or without red LEDs functioning as indicators.

<sup>1)</sup> When selecting G fuse inserts, make sure that the specified maximum power loss is not exceeded. The current is determined by the inserted fuse.

<sup>2)</sup> The voltage range is determined by the built-in LED display.

Depending on the application and the installation method, the circumstances for increased temperature must be checked in the closed fuse holders. Higher ambient temperatures are an additional load for the fuse inserts. Therefore, the reduction of the rated current must be considered accordingly in these applications.

<sup>1)</sup> Maximum power loss at 23°C ambient temperature (according to DIN EN 60947-7-3)

| Type         | Rated voltage | Overload protection |                   | Exclusive short-circuit protection |                   |
|--------------|---------------|---------------------|-------------------|------------------------------------|-------------------|
|              |               | Single arrangement  | Group arrangement | Single arrangement                 | Group arrangement |
| THSi 5x20/25 | 250V          | 1.6W                | 1.6W              | 4.0W                               | 2.5W              |
| THSi 6,3x32  | 500V          | 2.5W                | 2.5W              | 4.0W                               | 2.5W              |
| THSi 5x30    | 500V          | 1.6W                | 1.6W              | 4.0W                               | 2.5W              |



## WK 10/SI .../U

- Fuse block with screw cap for mounting on TS 35
- Nominal cross section 10 mm<sup>2</sup>

\* Voltage and current are determined by the built-in LED and the inserted G-fuse.



| Description                         | Type                | Part No.      | Std. Pack |
|-------------------------------------|---------------------|---------------|-----------|
| Fuse block, with screw cap          | gray                |               |           |
| – A DIN 41674 for G-fuses DIN 41571 | WK 10/Si U 5 x 20   | 57.910.5055.0 | 50        |
| – B DIN 41674 for G-fuses DIN 41576 | WK 10/Si U 5 x 25   | 57.910.5155.0 | 50        |
| – A DIN 41674 for G-fuses           | WK 10/Si U 5 x 30   | 57.910.5255.0 | 50        |
| – with screw cap for G-fuses        | WK 10/Si U 6,3 x 32 | 57.910.5355.0 | 50        |

### GENERAL DATA

|                                       |                       |
|---------------------------------------|-----------------------|
| Width / length / height, incl. TS 7.5 | 12 mm / 65 mm / 58 mm |
| Wire strip length                     | 13 mm                 |
| Approvals                             |                       |

### TECHNICAL DATA

|                              | IEC                      | UL     | CSA       |
|------------------------------|--------------------------|--------|-----------|
|                              | EN 60947-7-1, EN 60127-6 |        |           |
| Cross section fine-stranded  | 1.0 – 10 mm <sup>2</sup> |        |           |
| Cross section solid/stranded | 1.0 – 16 mm <sup>2</sup> |        |           |
| Cross section, AWG           |                          | 22 – 6 | 16 – 6    |
| Rated current                | max. 10 A <sup>1)</sup>  | 15 A   | max. 15 A |
| Rated voltage                | 500 V*                   | 600 V* | 600 V*    |
|                              | * 57.910.5055.0 250 V~   | 600 V  | 600 V     |
|                              | * 57.910.5155.0 250 V~   | 600 V  | 600 V     |
|                              | * 57.910.5255.0 500 V~   | 600 V  | 600 V     |
|                              | * 57.910.5355.0 500 V~   | 600 V  | 600 V     |
| Rated impulse voltage        | 6 kV                     |        |           |
| Pollution degree             | 3                        |        |           |

## WK 10/SI .../U WITH INDICATOR

- Fuse block with screw cap for mounting on TS 35 and TS 32
- Nominal cross section 10 mm<sup>2</sup>
- With indicator

\* Voltage and current are determined by the built-in indicator and the inserted G-fuse.



| Description                         | Type                      | Part No.      | Std. Pack |
|-------------------------------------|---------------------------|---------------|-----------|
| Fuse block, with screw cap          | gray                      |               |           |
| – A DIN 41674 for G-fuses DIN 41571 | WK 10/Si U 5 x 20M, NGL   | 57.910.5455.0 | 50        |
| – B DIN 41674 for G-fuses DIN 41576 | WK 10/Si U 5 x 20M, GLB   | 57.910.5855.0 | 50        |
| – A DIN 41674 for G-fuses           | WK 10/Si U 6,3 x 32M, NGL | 57.910.5755.0 | 50        |
| – with screw cap for G-fuses        | WK 10/Si U 6,3 x 32M, GLB | 57.910.6155.0 | 50        |

### GENERAL DATA

|                                       |                       |
|---------------------------------------|-----------------------|
| Width / length / height, incl. TS 7.5 | 12 mm / 65 mm / 58 mm |
| Wire strip length                     | 13 mm                 |
| Approvals                             |                       |

### TECHNICAL DATA

|                              | IEC                          | UL     | CSA       |
|------------------------------|------------------------------|--------|-----------|
|                              | EN 60947-7-1, EN 60127-6     |        |           |
| Cross section fine-stranded  | 1.0 – 10 mm <sup>2</sup>     |        |           |
| Cross section solid/stranded | 1.0 – 16 mm <sup>2</sup>     |        |           |
| Cross section, AWG           |                              | 22 – 6 | 16 – 6    |
| Rated current                | max. 10 A <sup>1)</sup>      | 15 A   | max. 15 A |
| Rated voltage                | 500 V*                       | 600 V* | 600 V*    |
| Indicator – Current consumed |                              |        |           |
| red – 0.16 - 0.8 mA          | * 57.910.5455.0 110 - 250 V~ | 150 V  | 500 V     |
| yellow – 24 mA               | * 57.910.5855.0 28 V~        | 28 V   | 28 V      |
| red – 0.16 - 0.8 mA          | * 57.910.5755.0 110 - 500 V~ | 150 V  | 500 V     |
| yellow – 24 mA               | * 57.910.6155.0 28 V~        | 28 V   | 28 V      |
| Rated impulse voltage        | 6 kV                         |        |           |
| Pollution degree             | 3                            |        |           |

## ACCESSORIES AND INFO FOR SELOS WK 10/SI



| ACCESSORIES                           | Type                       | Part No.      | Std. Pack |
|---------------------------------------|----------------------------|---------------|-----------|
| End plate                             | gray AP 10/Si              | 07.311.4155.0 | 10        |
| Cross connector with screws           | 2-pole VB WK 10/Si-2       | Z7.287.0227.0 | 10        |
|                                       | 3-pole VB WK 10/Si-3       | Z7.287.0327.0 | 10        |
|                                       | up to 6-pole VB WK 10/Si-6 | Z7.287.0627.0 | 10        |
| Transparent block cover (for 1 block) |                            | 04.312.2056.0 | 100       |

<sup>1)</sup> Maximum power loss at 23°C ambient temperature (according to DIN EN 60947-7-3)

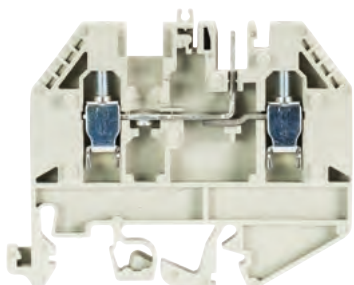
| Type              | Overload protection |                   | Exclusive short-circuit protection |                   |
|-------------------|---------------------|-------------------|------------------------------------|-------------------|
|                   | Single arrangement  | Group arrangement | Single arrangement                 | Group arrangement |
| WK 10 Si U 5x20   | 4.0 W/10 A          | 2.5 W/6.3 A       | 4.0 W/10 A                         | 4.0 W/6.3 A       |
| WK 10 Si U 6.3x32 | 4.0 W/10 A          | 2.5 W/2.5 A       | 4.0 W/10 A                         | 2.5 W/2.5 A       |
| WK 10 Si U 5x25   | 4.0 W/10 A          | 2.5 W/6.3 A       | 4.0 W/10 A                         | 4.0 W/6.3 A       |
| WK 10 Si U 5x30   | 4.0 W/10 A          | 2.5 W/6.3 A       | 4.0 W/10 A                         | 4.0 W/6.3 A       |

# SELOS · FEED-THROUGH BLOCKS WITH WIECON PLUGGABLE CONNECTION

FOR PC BOARD TERMINAL TYPE 8113 B, TYPE 8313 B, TYPE 8113 B/VL, TYPE 8113 B/VR, TYPE 8113 B/TOP

## WK 2,5 U/D/8113 S/V

- Feed-through block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 2,5 mm<sup>2</sup>



| Description                       | Type                            | Part No.      | Std. Pack |
|-----------------------------------|---------------------------------|---------------|-----------|
| Feed-through block                | gray WK 2,5 U/D/8113 S/V...     | 57.503.2155.0 | 50        |
| Power block                       | blue WK 2,5 U/D/8113 S/V/VK     | 57.503.2555.6 | 50        |
| Feed-through block, with LED 25 V | gray WK 2,5 U/D/8113 S/V/LED 25 | 57.503.2255.0 | 50        |
| Feed-through block, with LED 50 V | gray WK 2,5 U/D/8113 S/V/LED 50 | 57.503.2355.0 | 50        |

### GENERAL DATA

|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 61 mm / 51 mm |
| Wire strip length                     | 9 mm                 |
| Approvals                             |                      |

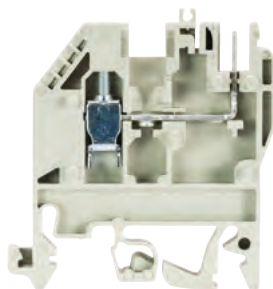
| TECHNICAL DATA               | IEC                       | UL      | CSA     |
|------------------------------|---------------------------|---------|---------|
|                              | EN 60947-7-1              |         |         |
| Cross section fine-stranded  | 0.5 – 2,5 mm <sup>2</sup> |         |         |
| Cross section solid/stranded | 0.5 – 4 mm <sup>2</sup>   |         |         |
| Cross section, AWG           |                           | 22 – 12 | 24 – 12 |
| Rated current                | 12 A                      | 15 A    | 15 A    |
| Rated voltage                | 250 V                     | 300 V   | 300 V   |
| Rated impulse voltage        | 4 kV                      |         |         |
| Pollution degree             | 3                         |         |         |

| ACCESSORIES                      | Type                             | Part No.      | Std. Pack |
|----------------------------------|----------------------------------|---------------|-----------|
| End plate                        | gray AP 2,5 U/D/8113 S/V         | 07.311.9055.0 | 10        |
| Spacer*                          | 2.5 mm thick ZP 2,5 U/D/8113 S/V | 07.311.9155.0 | 10        |
| Cover strip for LED, transparent | 10-pole AD VB 5/10 P             | 04.342.3556.8 | 10        |
| Coding strip                     |                                  | 05.561.0053.0 | 100       |

\* for wiecon PC board connector with 7.5 mm pitch

## WK 2,5 U/8113 S/V

- Feed-through block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 2,5 mm<sup>2</sup>



| Description                       | Type                          | Part No.      | Std. Pack |
|-----------------------------------|-------------------------------|---------------|-----------|
| Feed-through block                | gray WK 2,5 U/8113 S/V...     | 57.503.2655.0 | 50        |
| Power block                       | blue WK 2,5 U/8113 S/V/VK     | 57.503.3055.6 | 50        |
| Feed-through block, with LED 25 V | gray WK 2,5 U/8113 S/V/LED 25 | 57.503.2755.0 | 50        |
| Feed-through block, with LED 50 V | gray WK 2,5 U/8113 S/V/LED 50 | 57.503.2855.0 | 50        |

### GENERAL DATA

|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 44 mm / 51 mm |
| Wire strip length                     | 9 mm                 |
| Approvals                             |                      |

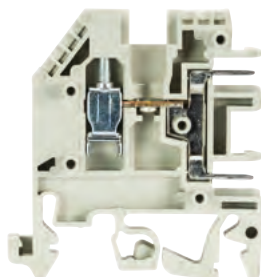
| TECHNICAL DATA               | IEC                       | UL      | CSA     |
|------------------------------|---------------------------|---------|---------|
|                              | EN 60947-7-1              |         |         |
| Cross section fine-stranded  | 0.5 – 2,5 mm <sup>2</sup> |         |         |
| Cross section solid/stranded | 0.5 – 4 mm <sup>2</sup>   |         |         |
| Cross section, AWG           |                           | 22 – 12 | 24 – 12 |
| Rated current                | 12 A                      | 15 A    | 15 A    |
| Rated voltage                | 250 V                     | 300 V   | 300 V   |
| Rated impulse voltage        | 4 kV                      |         |         |
| Pollution degree             | 3                         |         |         |

| ACCESSORIES  | Type                           | Part No.      | Std. Pack |
|--------------|--------------------------------|---------------|-----------|
| End plate    | gray AP 2,5 U/8113 S/V         | 07.312.1555.0 | 10        |
| Spacer*      | 2.5 mm thick ZP 2,5 U/8113 S/V | 07.312.1655.0 | 10        |
| Coding strip |                                | 05.561.0053.0 | 100       |

\* for wiecon PC board connector with 7.5 mm pitch

## WK 2,5 U/D/8113 S/H

- Feed-through block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 2,5 mm<sup>2</sup>



| Description        | Type                   | Part No.      | Std. Pack |
|--------------------|------------------------|---------------|-----------|
| Feed-through block | gray WK 2,5 U/8113 S/H | 57.503.2055.0 | 100       |

### GENERAL DATA

|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 44 mm / 48 mm |
| Wire strip length                     | 9 mm                 |
| Approvals                             |                      |

| TECHNICAL DATA               | IEC                       | UL      | CSA     |
|------------------------------|---------------------------|---------|---------|
|                              | EN 60947-7-1              |         |         |
| Cross section fine-stranded  | 0.5 – 2,5 mm <sup>2</sup> |         |         |
| Cross section solid/stranded | 0.5 – 4 mm <sup>2</sup>   |         |         |
| Cross section, AWG           |                           | 22 – 12 | 24 – 12 |
| Rated current                | 12 A                      | 20 A    | 15 A    |
| Rated voltage                | 250 V                     | 300 V   | 300 V   |
| Rated impulse voltage        | 4 kV                      |         |         |
| Pollution degree             | 3                         |         |         |

| ACCESSORIES   | Type                   | Part No.      | Std. Pack |
|---------------|------------------------|---------------|-----------|
| End plate     | gray AP 2,5 U/8113 S/H | 07.311.9855.0 | 10        |
| Coding strip  |                        | 05.584.0053.0 | 100       |
| Locking piece | 10-pole                | 05.576.5853.0 | 25        |

**TYPE 8113 B/..., 8313 B/...**

- Mating orientation parallel to wire entry
- For additional pluggable blocks, see wiecon product family



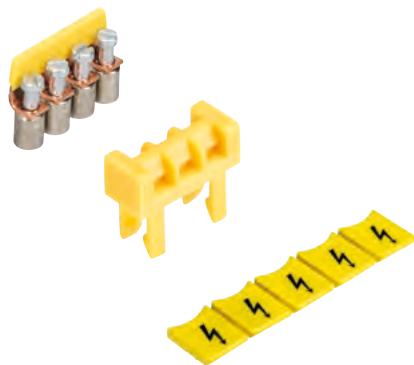
| Description                                 | Type                      | Part No.      | Std. Pack            |
|---------------------------------------------|---------------------------|---------------|----------------------|
| <b>Spacing 5.00 mm, Rated voltage 250 V</b> |                           |               |                      |
| unmarked, starting at 2                     | 8113 B/2 OB               | 25.320.3253.0 | 100                  |
| up to 16                                    | 8113 B/16 OB              | 25.320.4653.0 | 50                   |
| marked with 1- x, starting at 2             | 8113 B/2                  | 25.320.0253.0 | 100                  |
| up to 16                                    | 8113 B/16                 | 25.320.1653.0 | 50                   |
| <b>Spacing 7.50 mm, Rated voltage 400 V</b> |                           |               |                      |
| unmarked, starting at 2                     | 8313 B/2 OB               | 25.360.3253.0 | 100                  |
| up to 12                                    | 8313 B/12 OB              | 25.360.4253.0 | 50                   |
| marked with 1- x, starting at 2             | 8313 B/2                  | 25.360.0253.0 | 100                  |
| up to 12                                    | 8313 B/12                 | 25.360.1253.0 | 50                   |
| <b>GENERAL DATA</b>                         |                           |               |                      |
| Approvals                                   |                           |               |                      |
| <b>TECHNICAL DATA</b>                       |                           | <b>IEC</b>    | <b>UL</b> <b>CSA</b> |
|                                             |                           | EN 60 947-7-1 |                      |
| Cross section fine-stranded                 | 0.5 – 2.5 mm <sup>2</sup> |               |                      |
| Cross section solid/stranded                | 0.5 – 4 mm <sup>2</sup>   |               |                      |
| Cross section, AWG                          |                           | 22 – 12       | 24 – 12              |
| Rated current                               | 12 A                      | 15 A          | 15 A                 |
| Rated voltage                               | 250 V                     | 300 V         | 300 V                |
| Rated impulse voltage                       | 400 V                     |               |                      |
| Pollution degree                            |                           |               |                      |
| <b>ACCESSORIES</b>                          |                           |               |                      |
| Coding strip                                |                           | 05.561.9153.0 | 100                  |

**TYPE 8113 B/... VR**

- Mating orientation 90° towards the wire
- For additional pluggable blocks, see wiecon product family



| Description                                 | Type                      | Part No.      | Std. Pack            |
|---------------------------------------------|---------------------------|---------------|----------------------|
| <b>Spacing 5.00 mm, Rated voltage 250 V</b> |                           |               |                      |
| unmarked, starting at 2                     | 8113 B/2 VR OB            | 25.325.3253.0 | 100                  |
| up to 16                                    | 8113 B/16 VR OB           | 25.325.4653.0 | 50                   |
| marked with 1- x, starting at 2             | 8113 B/2                  | 25.325.0253.0 | 100                  |
| up to 16                                    | 8113 B/16                 | 25.325.1653.0 | 50                   |
| <b>GENERAL DATA</b>                         |                           |               |                      |
| Approvals                                   |                           |               |                      |
| <b>TECHNICAL DATA</b>                       |                           | <b>IEC</b>    | <b>UL</b> <b>CSA</b> |
|                                             |                           | EN 60 947-7-1 |                      |
| Cross section fine-stranded                 | 0.5 – 2.5 mm <sup>2</sup> |               |                      |
| Cross section solid/stranded                | 0.5 – 4 mm <sup>2</sup>   |               |                      |
| Cross section, AWG                          |                           | 22 – 12       | 24 – 12              |
| Rated current                               | 12 A                      | 15 A          | 15 A                 |
| Rated voltage                               | 250 V                     | 300 V         | 300 V                |
| Rated impulse voltage                       | 400 V                     |               |                      |
| Pollution degree                            |                           |               |                      |
| <b>ACCESSORIES</b>                          |                           |               |                      |
| Coding strip                                |                           | 05.561.9153.0 | 100                  |

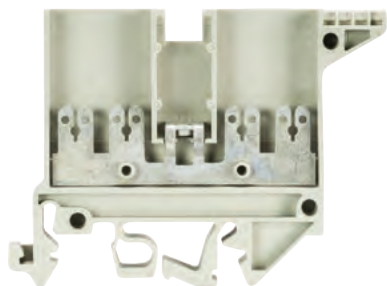
**ACCESSORIES FOR SELOS WK 2,5 U**

| ACCESSORIES                                        | Type      | Part No.       | Std. Pack     |
|----------------------------------------------------|-----------|----------------|---------------|
| Cross connector with screws, insulated             | 2-pole    | VB WK 2,5-2    | Z7.280.2227.0 |
|                                                    | 3-pole    | IVB WK 2,5-3   | Z7.280.2327.0 |
|                                                    | 12-pole   | IVB WK 2,5-12  | Z7.280.3227.0 |
| Partition plate with marking facility              | yellow    | TS 2,5 GELB    | 07.311.2053.8 |
| Single cover with marking facility                 | yellow    | AD VB 2,5 GELB | 04.326.2053.8 |
| Cover strip for PCB terminal                       | 24-pole   |                | 04.343.9056.8 |
| with warning symbol                                | 24-pole   |                | 04.343.9156.8 |
| Connection rail                                    | L = 0,4 m |                | 05.561.4125.0 |
| for connection to power block (blue) and indicator |           |                | 1             |

# SELOS · DISTRIBUTION BLOCKS WITH SCREW / PUSH-ON CONNECTION

## WK/4-8 S/IW/U

- Feed-through block with push-on connection for mounting on TS 35
- Push-on connectors 2.8 x 0.8 acc. to DIN 46247  
Push-on connectors 6.3 x 0.8 acc. to DIN 46247
- Current carrying capability according to DIN 46249  
Tab connector 2.8 10 A  
6.3 20 A



| Description                           | Type                           | Part No.             | Std. Pack            |
|---------------------------------------|--------------------------------|----------------------|----------------------|
| Feed-through block                    | gray WK/4-8 S/IW/U             | 57.504.6355.0        | 100                  |
| <b>GENERAL DATA</b>                   |                                |                      |                      |
| Width / length / height, incl. TS 7.5 | 6 mm / 67 mm / 50 mm           |                      |                      |
| Wire strip length                     |                                |                      |                      |
| Approvals                             |                                |                      |                      |
| <b>TECHNICAL DATA</b>                 | <b>IEC</b>                     | <b>UL</b>            | <b>CSA</b>           |
|                                       | EN 60 947-7-1, EN 61 210       |                      |                      |
| Cross section fine-stranded           |                                |                      |                      |
| Cross section solid/stranded          |                                |                      |                      |
| Cross section, AWG                    |                                | 22 – 12              | 22 – 12              |
| Rated current                         | 20 A                           | 10 A                 | 10 A                 |
| Rated voltage                         | 800 V <sup>(1)</sup>           | 600 V <sup>(1)</sup> | 300 V <sup>(1)</sup> |
| Rated impulse voltage                 | 8 kV                           |                      |                      |
| Pollution degree                      | 3                              |                      |                      |
| <b>ACCESSORIES</b>                    | <b>Type</b>                    | <b>Part No.</b>      | <b>Std. Pack</b>     |
| End plate                             | gray AP 3 S/IW                 | 07.311.4355.0        | 50                   |
| Cross connector with screws           | 2-pole VB WK/...S/IW/U-2       | Z7.281.3227.0        | 10                   |
|                                       | 3-pole VB WK/...S/IW/U-3       | Z7.281.3327.0        | 10                   |
|                                       | up to 6-pole VB WK/...S/IW/U-6 | Z7.281.3627.0        | 10                   |

## WK/4-8 S/U

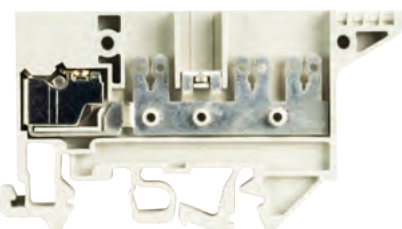
- Feed-through block with push-on connection for mounting on TS 35
- Push-on connectors 2.8 x 0.8 acc. to DIN 46247  
Push-on connectors 6.3 x 0.8 acc. to DIN 46247
- Current carrying capability according to DIN 46249  
Tab connector 2.8 10 A  
6.3 20 A



| Description                           | Type                     | Part No.             | Std. Pack            |
|---------------------------------------|--------------------------|----------------------|----------------------|
| Feed-through block                    | gray WK/4-8 S/U          | 57.504.6255.0        | 100                  |
| <b>GENERAL DATA</b>                   |                          |                      |                      |
| Width / length / height, incl. TS 7.5 | 6 mm / 67 mm / 40 mm     |                      |                      |
| Wire strip length                     |                          |                      |                      |
| Approvals                             |                          |                      |                      |
| <b>TECHNICAL DATA</b>                 | <b>IEC</b>               | <b>UL</b>            | <b>CSA</b>           |
|                                       | EN 60 947-7-1, EN 61 210 |                      |                      |
| Cross section fine-stranded           |                          |                      |                      |
| Cross section solid/stranded          |                          |                      |                      |
| Cross section, AWG                    |                          | 22 – 12              | 22 – 12              |
| Rated current                         | 20 A                     | 10 A                 | 10 A                 |
| Rated voltage                         | 800 V <sup>(1)</sup>     | 300 V <sup>(1)</sup> | 300 V <sup>(1)</sup> |
| Rated impulse voltage                 | 8 kV                     |                      |                      |
| Pollution degree                      | 3                        |                      |                      |
| <b>ACCESSORIES</b>                    | <b>Type</b>              | <b>Part No.</b>      | <b>Std. Pack</b>     |
| End plate                             | gray AP 4 S              | 07.311.4255.0        | 10                   |
| Cross connector with screws           | 2-pole 9703/6-2          | Z7.211.0227.0        | 50                   |
|                                       | 3-pole 9703/6-3          | Z7.211.0327.0        | 50                   |
|                                       | up to 6-pole 9703/6-6    | Z7.211.0627.0        | 50                   |

## WK/3-6 S KO/U

- Feed-through block with push-on connection for mounting on TS 35
- Nominal cross section 4,0 mm<sup>2</sup>
- Push-on connectors 2.8 x 0.8 acc. to DIN 46247  
Push-on connectors 6.3 x 0.8 acc. to DIN 46247
- Current carrying capability according to DIN 46249  
Tab connector 2.8 10 A  
6.3 20 A



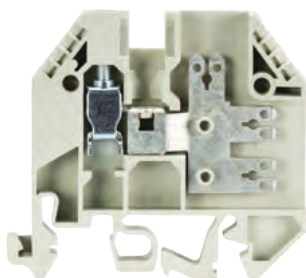
| Description                           | Type                      | Part No.             | Std. Pack            |
|---------------------------------------|---------------------------|----------------------|----------------------|
| Feed-through block                    | gray WK/3-6 S KO/U        | 57.504.7355.0        | 100                  |
| <b>GENERAL DATA</b>                   |                           |                      |                      |
| Width / length / height, incl. TS 7.5 | 6 mm / 72 mm / 40 mm      |                      |                      |
| Wire strip length                     | 9 mm                      |                      |                      |
| Approvals                             |                           |                      |                      |
| <b>TECHNICAL DATA</b>                 | <b>IEC</b>                | <b>UL</b>            | <b>CSA</b>           |
| For use with insulating sleeves       | EN 60 947-7-1, EN 61 210  |                      |                      |
| Cross section fine-stranded           | 0.5 – 4 mm <sup>2</sup>   |                      |                      |
| Cross section solid/stranded          | 0.5 – 4 mm <sup>2</sup>   |                      |                      |
| Cross section, AWG                    |                           | 22 – 12              | 22 – 12              |
| Rated current                         | 20 A                      | 10 A                 | 10 A                 |
| Rated voltage                         | 690 V <sup>(1)</sup>      | 300 V <sup>(1)</sup> | 300 V <sup>(1)</sup> |
| Rated impulse voltage                 | 8 kV                      |                      |                      |
| Pollution degree                      | 3                         |                      |                      |
| <b>ACCESSORIES</b>                    | <b>Type</b>               | <b>Part No.</b>      | <b>Std. Pack</b>     |
| End plate                             | gray 9701 A/6 1 S KO TP 2 | 07.310.5855.0        | 10                   |
| Cross connector with screws           | 2-pole 2072/2             | Z7.220.0227.0        | 50                   |
|                                       | 3-pole 2072/2             | Z7.220.0227.0        | 50                   |
|                                       | up to 6-pole 2072/6       | Z7.220.0627.0        | 50                   |

More accessories page 130 ff.

### WK 4 3-6 S 1 K/U

- Feed-through block with push-on connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
- Push-on connectors 2.8 x 0.8 acc. to DIN 46247
- Push-on connectors 6.3 x 0.8 acc. to DIN 46247
- Current carrying capability according to DIN 46249
 

|               |      |      |
|---------------|------|------|
| Tab connector | 2.8  | 10 A |
| 6.3           | 20 A |      |



| Description        | Type                  | Part No.      | Std. Pack |
|--------------------|-----------------------|---------------|-----------|
| Feed-through block | gray WK 4 3-6 S 1 K/U | 57.504.3755.0 | 100       |

#### GENERAL DATA

|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 52 mm / 48 mm |
| Wire strip length                     | 9 mm                 |
| Approvals                             |                      |

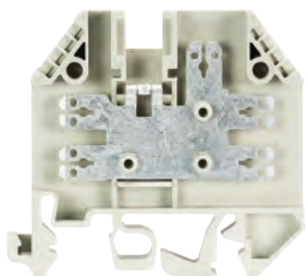
| TECHNICAL DATA               | IEC                      | UL                  | CSA                 |
|------------------------------|--------------------------|---------------------|---------------------|
|                              | EN 60 947-7-1, EN 61 210 |                     |                     |
| Cross section fine-stranded  | 0.5 – 4 mm <sup>2</sup>  |                     |                     |
| Cross section solid/stranded | 0.5 – 6 mm <sup>2</sup>  |                     |                     |
| Cross section, AWG           |                          | 22 – 12             | 22 – 12             |
| Rated current                | 20 A                     | 10 A                | 10 A                |
| Rated voltage                | 800 V <sup>1)</sup>      | 300 V <sup>1)</sup> | 300 V <sup>1)</sup> |
| Rated impulse voltage        | 8 kV                     |                     |                     |
| Pollution degree             | 3                        |                     |                     |

| ACCESSORIES                 | Type             | Part No.      | Std. Pack |
|-----------------------------|------------------|---------------|-----------|
| End plate                   | gray AP4 3 S 1 K | 07.311.3855.0 | 10        |
| Cross connector with screws | 2-pole           | IVB WK 4-2    | 10        |
|                             | 3-pole           | IVB WK 4-3    | 10        |
|                             | up to 12-pole    | IVB WK 4-12   | 10        |

### WK/5-10 S/U

- Feed-through block with push-on connection for mounting on TS 35
- Push-on connectors 2.8 x 0.8 acc. to DIN 46247
- Push-on connectors 6.3 x 0.8 acc. to DIN 46247
- Current carrying capability according to DIN 46249
 

|               |      |      |
|---------------|------|------|
| Tab connector | 2.8  | 10 A |
| 6.3           | 20 A |      |



| Description        | Type             | Part No.      | Std. Pack |
|--------------------|------------------|---------------|-----------|
| Feed-through block | gray WK/5-10 S/U | 57.504.3655.0 | 100       |

#### GENERAL DATA

|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 52 mm / 48 mm |
| Wire strip length                     |                      |
| Approvals                             |                      |

| TECHNICAL DATA               | IEC                      | UL                  | CSA                 |
|------------------------------|--------------------------|---------------------|---------------------|
|                              | EN 60 947-7-1, EN 61 210 |                     |                     |
| Cross section fine-stranded  |                          |                     |                     |
| Cross section solid/stranded |                          |                     |                     |
| Cross section, AWG           |                          |                     | 22 – 12             |
| Rated current                | 20 A                     | 10 A                | 10 A                |
| Rated voltage                | 800 V <sup>1)</sup>      | 300 V <sup>1)</sup> | 300 V <sup>1)</sup> |
| Rated impulse voltage        | 8 kV                     |                     |                     |
| Pollution degree             | 3                        |                     |                     |

| ACCESSORIES                 | Type          | Part No.      | Std. Pack |
|-----------------------------|---------------|---------------|-----------|
| End plate                   | gray AP 5 S   | 07.311.4655.0 | 10        |
| Cross connector with screws | 2-pole        | IVB WKI 4-2   | 10        |
|                             | 3-pole        | IVB WKI 4-3   | 10        |
|                             | up to 12-pole | IVB WKI 4-12  | 10        |

## ACCESSORIES FOR SELOS WK



| ACCESSORIES                           | Type                | Part No.      | Std. Pack |
|---------------------------------------|---------------------|---------------|-----------|
| Partition plate with marking facility | yellow TS 4 GELB    | 07.311.2153.8 | 10        |
| Single cover with marking facility    | yellow AD VB 4 GELB | 04.326.2153.8 | 10        |
| Insulating sleeve for tab connector   |                     |               |           |

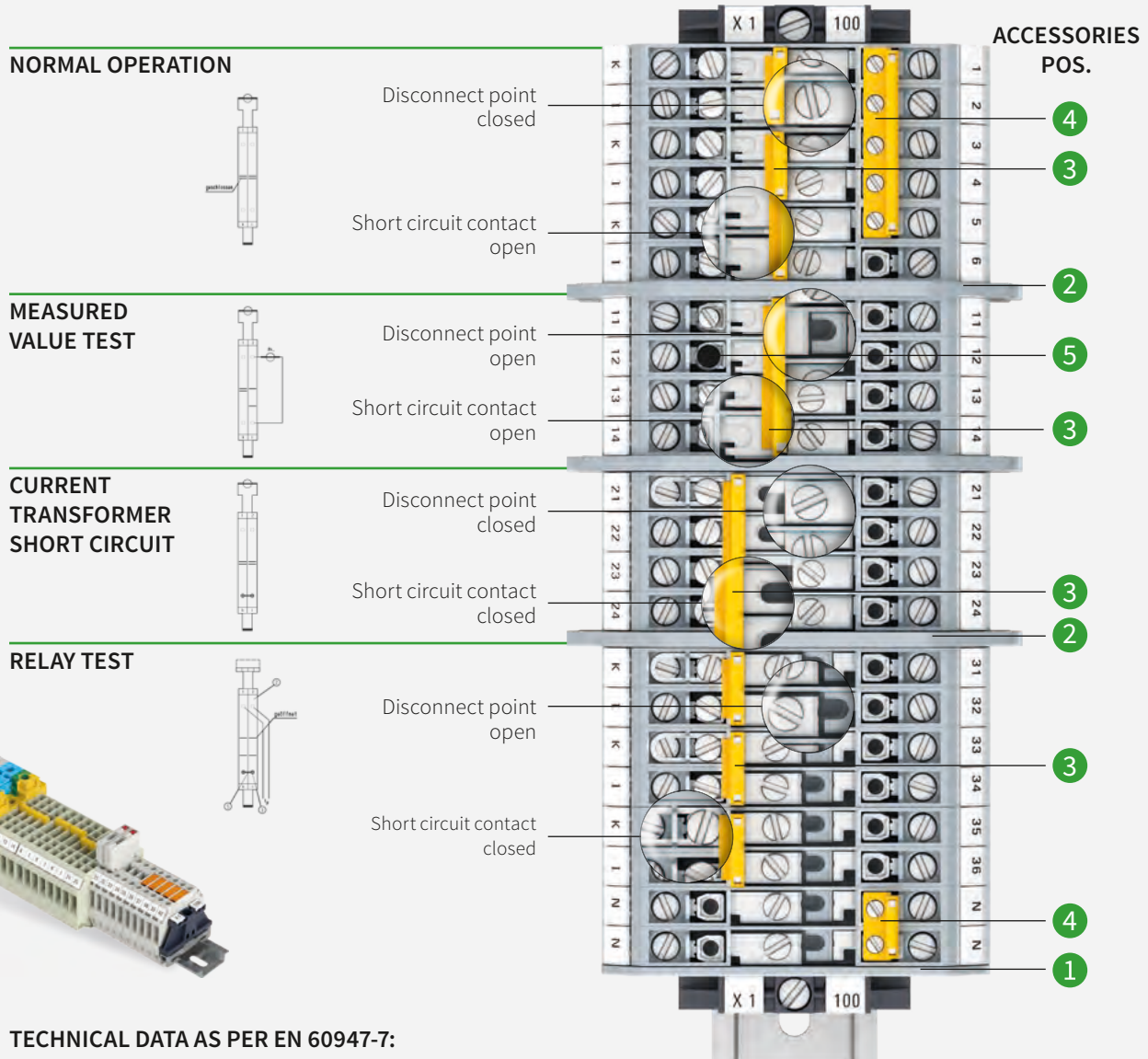
<sup>1)</sup> Rating for use with insulating sleeves



# MEASURING DISCONNECT BLOCKS WITH SCREW CONNECTION

Wieland Electric's selos WKN 6 TK block offers a simple and effective DIN rail block solution for use in measuring circuits for current, voltage or energy. All circuits in everyday practice can be neatly implemented with the measuring disconnect block and a few accessory parts. Only two blocks are needed for simple transformer circuits.

The main focus during the development of this block was clear and simple handling as well as universal application. All switching states of the block and the converter circuit are clearly recognizable and the extensive accessory program is easy to use. The block and the accessories meet the requirements of protection against accidental finger touch as per BGV A2.



## TECHNICAL DATA AS PER EN 60947-7:

- Rated cross section: 6 mm<sup>2</sup>
- Rated voltage: 400 V
- Rated current: 57 A
- Connection capacity: 0.5 - 10 mm<sup>2</sup>

# SELOS · MEASURING DISCONNECT BLOCKS WITH SCREW CONNECTION

## WKN 6 TK

- Measuring disconnect block for mounting on TS 35
- Nominal cross section 6 mm<sup>2</sup>



| Description                           | Type                     | Part No.      | Std. Pack |
|---------------------------------------|--------------------------|---------------|-----------|
| Measuring disconnect block            | WKN6 TK                  | 56.106.0055.0 | 50        |
| Feed-through block                    | WKN6 TK D                | 56.106.0155.0 | 50        |
| GENERAL DATA                          |                          |               |           |
| Width / length / height, incl. TS 7.5 | 8 mm / 73 mm / 58 mm     |               |           |
| Wire strip length                     | 12 mm                    |               |           |
| Approvals                             |                          |               |           |
| TECHNICAL DATA                        | IEC                      | UL            | CSA       |
|                                       | EN 60947-7-1             |               |           |
| Cross section fine-stranded           | 0.5 – 6 mm <sup>2</sup>  |               |           |
| Cross section solid/stranded          | 0.5 – 10 mm <sup>2</sup> |               |           |
| Cross section, AWG                    |                          |               |           |
| Rated current                         | 57 A                     |               |           |
| Rated voltage                         | 500 V                    |               |           |
| Rated impulse voltage                 | 6 kV                     |               |           |
| Pollution degree                      | 3                        |               |           |

## WKN 6 TK SF

- Measuring disconnect block with spring support for mounting on TS 35
- Nominal cross section 6 mm<sup>2</sup>



| Description                           | Type                     | Part No.      | Std. Pack |
|---------------------------------------|--------------------------|---------------|-----------|
| Measuring disconnect block            | WKN6 TK SF               | 56.106.0755.0 | 50        |
| Feed-through block                    | WKN6 TK SFD              | 56.106.0855.0 | 50        |
| GENERAL DATA                          |                          |               |           |
| Width / length / height, incl. TS 7.5 | 8 mm / 73 mm / 58 mm     |               |           |
| Wire strip length                     | 12 mm                    |               |           |
| Approvals                             |                          |               |           |
| TECHNICAL DATA                        | IEC                      | EA TS 50-18   |           |
|                                       | EN 60947-7-1             |               |           |
| Cross section fine-stranded           | 0.5 – 6 mm <sup>2</sup>  |               |           |
| Cross section solid/stranded          | 0.5 – 10 mm <sup>2</sup> |               |           |
| Cross section, AWG                    |                          |               |           |
| Rated current                         | 57 A                     | 25 A          |           |
| Rated voltage                         | 500 V                    | 500 V         |           |
| Rated impulse voltage                 | 6 kV                     |               |           |
| Pollution degree                      | 3                        |               |           |

## ACCESSORIES FOR SELOS WKN 6 TK

| ACCESSORIES                              | Type                     | Part No.      | Std. Pack     |
|------------------------------------------|--------------------------|---------------|---------------|
| 1 End plate                              | 2 mm                     | APN 6 TK      | 07.313.1755.0 |
| 2 Partition                              |                          | TW 6 TK       | 07.312.0453.0 |
| 3 Sliding short-circuit slide, insulated | 2-pole                   | IVS WKN6 TK-2 | Z7.282.7229.0 |
|                                          | 3-pole                   | IVS WKN6 TK-3 | Z7.282.7329.0 |
|                                          | 4-pole                   | IVS WKN6 TK-4 | Z7.282.7429.0 |
|                                          | 5-pole                   | IVS WKN6 TK-5 | Z7.282.7529.0 |
| 4 Cross connector with screws, insulated | 2-pole                   | IVB WKN6 TK-2 | Z7.282.6229.0 |
|                                          | 3-pole                   | IVB WKN6 TK-3 | Z7.282.6329.0 |
|                                          | 4-pole                   | IVB WKN6 TK-4 | Z7.282.6429.0 |
|                                          | 5-pole                   | IVB WKN6 TK-5 | Z7.282.6529.0 |
| 5 Test socket                            | 6-pole                   | IVB WKN6 TK-6 | Z7.282.6629.0 |
|                                          | gray                     | SBN 4 GRAU    | Z5.511.3553.0 |
|                                          | violet                   | SBN 4 VIOLETT | Z5.511.3553.9 |
|                                          | green                    | SBN 4 GRÜN    | Z5.511.3553.7 |
| 6 Disconnect locking device              | yellow                   | SBN 4 GELB    | Z5.511.3553.8 |
|                                          | blue                     | SBN 4 BLAU    | Z5.511.3553.6 |
|                                          |                          | SP WKN 6 TK   | 05.566.6855.9 |
|                                          | Jumper comb for WKN 6 TK |               |               |
|                                          | 2-pole                   | IVK WKN 6TK-2 | Z7.255.8227.0 |
|                                          | 3-pole                   | IVK WKN 6TK-3 | Z7.255.8327.0 |
|                                          | 4-pole                   | IVK WKN 6TK-4 | Z7.255.8427.0 |
|                                          | 5-pole                   | IVK WKN 6TK-5 | Z7.255.8527.0 |
|                                          | 6-pole                   | IVK WKN 6TK-6 | Z7.255.8627.0 |

More accessories page 144 ff.

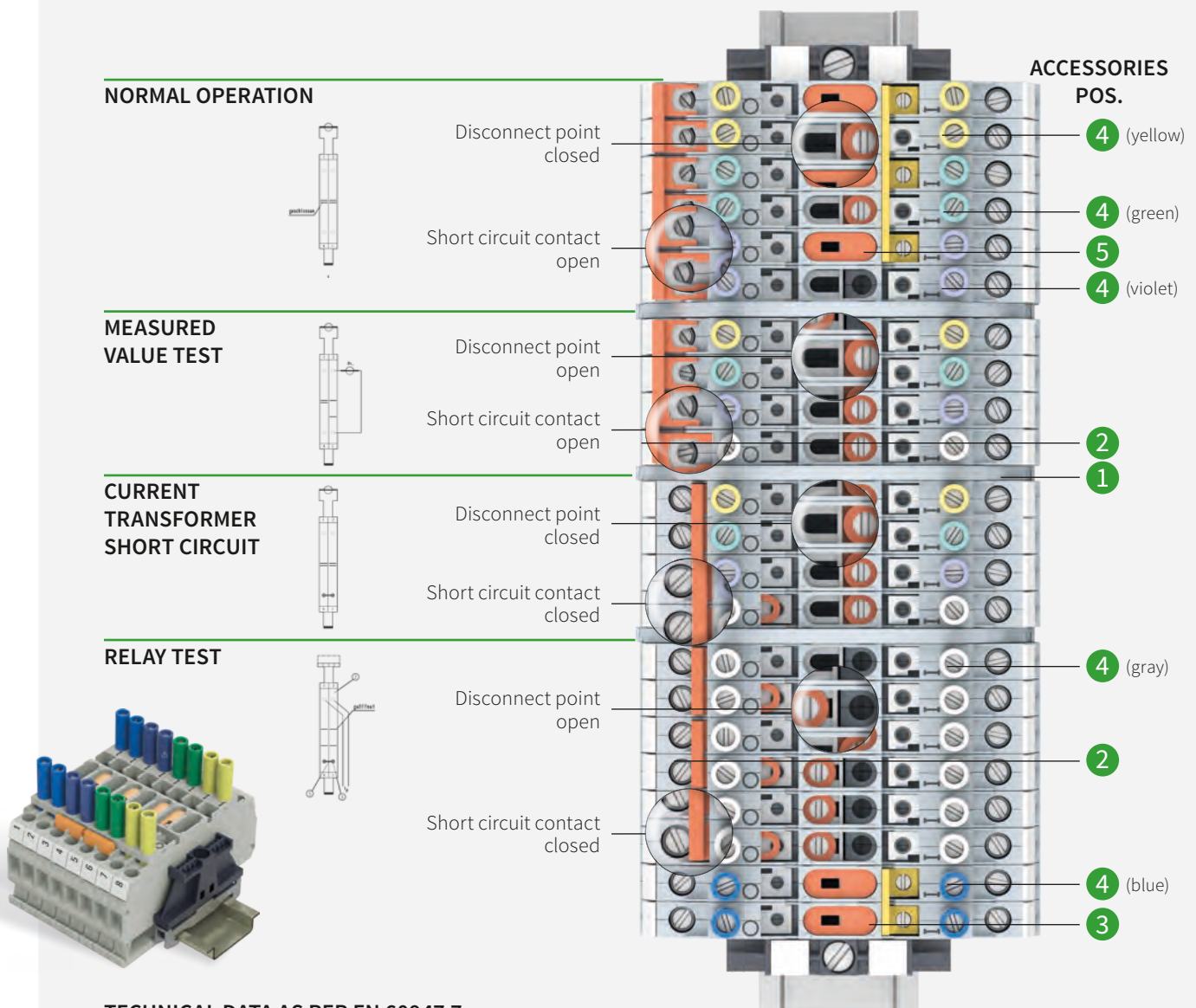
Technical information see FACTS & DATA page 158 ff.

Subject to technical modifications

# MEASURING DISCONNECT BLOCKS WITH SCREW CONNECTION WK6 TK

Wieland Electric's selos WK 6 TK block offers an optimal DIN rail block solution for all types of measuring circuits of current, voltage or energy. All circuits occurring during everyday practice can be implemented with the measuring disconnect block and a few accessories.

Complete insulated selectable connecting links are available as standard, as are insulated test sockets in all conventional signal colors. Two additional jumpering facilities permit the installation of fixed cross connections (e.g., for internal distribution of the k point of converter circuits). Standard cross connectors in a wide variety of numbers of pins are available for this purpose. The jumpers are easy to disconnect so that you can skip over blocks.



## TECHNICAL DATA AS PER EN 60947-7:

- Rated cross section: 6 mm<sup>2</sup>
- Rated voltage: 400 V
- Rated current: 32 A
- Connection capacity: 0.5 - 10 mm<sup>2</sup>

# SELOS · MEASURING DISCONNECT BLOCKS WITH SCREW CONNECTION WK6 TK

## WK6 TK/35

- Measuring disconnect block for mounting on TS 35
- Nominal cross section 6 mm<sup>2</sup>



| Description                           | Type                                                                              | Part No.      | Std. Pack            |
|---------------------------------------|-----------------------------------------------------------------------------------|---------------|----------------------|
| Measuring disconnect block            | WK6 TK/35                                                                         | 56.106.0553.0 | 50                   |
| <b>GENERAL DATA</b>                   |                                                                                   |               |                      |
| Width / length / height, incl. TS 7.5 | 8 mm / 87 mm / 49 mm                                                              |               |                      |
| Wire strip length                     | 12 mm                                                                             |               |                      |
| Approvals                             |  |               |                      |
| <b>TECHNICAL DATA</b>                 |                                                                                   | <b>IEC</b>    | <b>UL</b> <b>CSA</b> |
| For use with insulating sleeves       | EN 60 947-7-1                                                                     |               |                      |
| Cross section fine-stranded           | 0.5 – 6 mm <sup>2</sup>                                                           |               |                      |
| Cross section solid/stranded          | 0.5 – 10 mm <sup>2</sup>                                                          |               |                      |
| Cross section, AWG                    |                                                                                   | 20 – 8        | 20 – 8               |
| Rated current                         | 32 A                                                                              | 45 A          | 45 A                 |
| Rated voltage                         | 400 V                                                                             | 600 V         | 300 V                |
| Rated impulse voltage                 | 6 kV                                                                              |               |                      |
| Pollution degree                      | 3                                                                                 |               |                      |

## WK6 TK P3/35

- Measuring disconnect block with mounted test sockets for mounting on TS 35
- Nominal cross section 6 mm<sup>2</sup>



| Description                           | Type                                                                                | Part No.      | Std. Pack            |
|---------------------------------------|-------------------------------------------------------------------------------------|---------------|----------------------|
| Measuring disconnect block            | WK6 TK P3/35                                                                        | 56.106.0653.0 | 50                   |
| <b>GENERAL DATA</b>                   |                                                                                     |               |                      |
| Width / length / height, incl. TS 7.5 | 8 mm / 87 mm / 62 mm                                                                |               |                      |
| Wire strip length                     | 12 mm                                                                               |               |                      |
| Approvals                             |  |               |                      |
| <b>TECHNICAL DATA</b>                 |                                                                                     | <b>IEC</b>    | <b>UL</b> <b>CSA</b> |
| For use with insulating sleeves       | EN 60 947-7-1                                                                       |               |                      |
| Cross section fine-stranded           | 0.5 – 6 mm <sup>2</sup>                                                             |               |                      |
| Cross section solid/stranded          | 0.5 – 10 mm <sup>2</sup>                                                            |               |                      |
| Cross section, AWG                    |                                                                                     | 20 – 8        | 20 – 8               |
| Rated current                         | 32 A                                                                                | 45 A          | 45 A                 |
| Rated voltage                         | 400 V                                                                               | 600 V         | 300 V                |
| Rated impulse voltage                 | 6 kV                                                                                |               |                      |
| Pollution degree                      | 3                                                                                   |               |                      |

## ACCESSORIES FOR SELOS WK6 TK.../35

| ACCESSORIES                              | Type      | Part No.      | Std. Pack |
|------------------------------------------|-----------|---------------|-----------|
| ① Partition                              | TW 6 TK   | 07.312.0453.0 | 10        |
| ② Sliding short-circuit slide, insulated | 2-pole    | IVS WK6 TK-2  | 50        |
|                                          | 3-pole    | IVS WK6 TK-3  | 50        |
|                                          | 4-pole    | IVS WK6 TK-4  | 50        |
| ③ Cross connector with screws, insulated | 2-pole    | IVB WK6 TK-2  | 50        |
|                                          | 3-pole    | IVB WK6 TK-3  | 50        |
|                                          | 4-pole    | IVB WK6 TK-4  | 50        |
|                                          | 5-pole    | IVB WK6 TK-5  | 50        |
|                                          | 10-pole   | IVB WK6 TK-10 | 50        |
|                                          |           |               |           |
| ④ Test socket                            | gray      | SB 4 GRAU     | 10        |
|                                          | violet    | SB 4 VIOLETT  | 10        |
|                                          | green     | SB 4 GRÜN     | 10        |
|                                          | yellow    | SB 4 GELB     | 10        |
|                                          | blue      | SB 4 BLAU     | 10        |
| ⑤ Disconnect locking device              | SP WK6 TK | 05.563.5453.0 | 50        |

More accessories page 144 ff.

Technical information see FACTS & DATA page 158 ff.

Subject to technical modifications

# SELOS · SCREW TYPE TERMINAL BLOCKS WITH SPRING SUPPORT

## WKN 6 SF

- Feed-through block with spring support for mounting on TS 35 and TS 32
- Nominal cross section 6 mm<sup>2</sup>



| Description                                       | Type                 | Part No.                 | Std. Pack          |
|---------------------------------------------------|----------------------|--------------------------|--------------------|
| Feed-through block                                | gray WKN 6 SF        | 57.506.0555.0            | 100                |
| <b>GENERAL DATA</b>                               |                      |                          |                    |
| Width / length / height, incl. TS 7.5             | 8 mm / 54 mm / 57 mm |                          |                    |
| Wire strip length                                 | 11 mm                |                          |                    |
| Approvals                                         |                      |                          |                    |
| <b>TECHNICAL DATA</b>                             |                      | <b>IEC</b>               | <b>EA TS 50-18</b> |
|                                                   |                      | EN 60 947-7-1            |                    |
| Cross section fine-stranded                       |                      | 0.5 – 6 mm <sup>2</sup>  |                    |
| Cross section solid/stranded                      |                      | 0.5 – 10 mm <sup>2</sup> |                    |
| Cross section, AWG                                |                      |                          |                    |
| Rated current                                     | 41 A                 |                          | 30 A               |
| Rated voltage                                     | 800 V                |                          | 500 V              |
| Rated impulse voltage                             | 8 kV                 |                          |                    |
| Pollution degree                                  | 3                    |                          |                    |
| <b>ACCESSORIES</b>                                |                      | <b>Type</b>              | <b>Part No.</b>    |
| End plate                                         | gray                 | APN 6 SF                 | 07.313.2355.0      |
| Partition                                         | gray                 | TW 6 TK                  | 07.312.0453.0      |
| Cross connector with screws                       | 2-pole               | IVB WK 6 - 2             | Z7.282.2227.0      |
| insulated                                         | 3-pole               | IVB WK 6 - 3             | Z7.282.2327.0      |
|                                                   | up to 12-pole        | IVB WK 6 - 12            | Z7.282.3227.0      |
| Single cover f. cross conn. with marking facility |                      | AD VB 6 GELB             | 04.326.2253.8      |
| Cover with warning symbol                         | yellow               | AD VB 8/4 GELB           | 04.343.4956.8      |

## WKN 10 SF

- Feed-through block with spring support for mounting on TS 35 and TS 32
- Nominal cross section 10 mm<sup>2</sup>



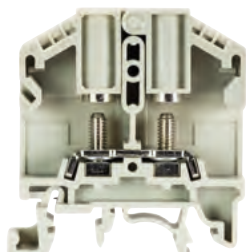
| Description                                       | Type                  | Part No.                 | Std. Pack          |
|---------------------------------------------------|-----------------------|--------------------------|--------------------|
| Feed-through block                                | gray WKN 10 SF        | 57.510.0555.0            | 100                |
| <b>GENERAL DATA</b>                               |                       |                          |                    |
| Width / length / height, incl. TS 7.5             | 10 mm / 55 mm / 64 mm |                          |                    |
| Wire strip length                                 | 13 mm                 |                          |                    |
| Approvals                                         |                       |                          |                    |
| <b>TECHNICAL DATA</b>                             |                       | <b>IEC</b>               | <b>EA TS 50-18</b> |
|                                                   |                       | EN 60 947-7-1            |                    |
| Cross section fine-stranded                       |                       | 2.5 – 10 mm <sup>2</sup> |                    |
| Cross section solid/stranded                      |                       | 1.5 – 16 mm <sup>2</sup> |                    |
| Cross section, AWG                                |                       |                          |                    |
| Rated current                                     | 57 A                  |                          | 30 A               |
| Rated voltage                                     | 800 V                 |                          | 500 V              |
| Rated impulse voltage                             | 8 kV                  |                          |                    |
| Pollution degree                                  | 3                     |                          |                    |
| <b>ACCESSORIES</b>                                |                       | <b>Type</b>              | <b>Part No.</b>    |
| End plate                                         | gray                  | APN 10 SF                | 07.313.2455.0      |
| Partition                                         | gray                  | TW 6 TK                  | 07.312.0453.0      |
| Cross connector with screws                       | 2-pole                | IVB WK 10 - 2            | Z7.283.2227.0      |
| insulated                                         | 3-pole                | IVB WK 10 - 3            | Z7.283.2327.0      |
|                                                   | up to 12-pole         | IVB WK 10 - 12           | Z7.283.3227.0      |
| Single cover f. cross conn. with marking facility |                       | AD VB 10 GELB            | 04.326.2353.8      |
| Cover with warning symbol                         | yellow                | AD VB 10/4 GELB          | 04.343.5056.8      |



# SELOS · DIN RAIL TERMINAL BLOCKS WITH RING LUG CONNECTION

## WRT 6

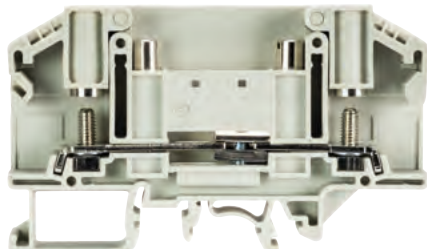
- Feed-through block with ring lug connection for mounting on TS 35
- Nominal cross section 6 mm<sup>2</sup>



| Description                           | Type                                                                              | Part No.        | Std. Pack        |
|---------------------------------------|-----------------------------------------------------------------------------------|-----------------|------------------|
| Feed-through block                    | gray WRT 6                                                                        | 57.106.1155.0   | 100              |
| <b>GENERAL DATA</b>                   |                                                                                   |                 |                  |
| Width / length / height, incl. TS 7.5 | 11 mm / 49 mm / 51 mm                                                             |                 |                  |
| Wire strip length                     | 10 mm                                                                             |                 |                  |
| Approvals                             |  |                 |                  |
| <b>TECHNICAL DATA</b>                 | <b>IEC</b>                                                                        | <b>UL</b>       | <b>CSA</b>       |
|                                       | EN 60 947-7-1                                                                     |                 |                  |
| Cross section fine-stranded           | 1.5 – 6 mm <sup>2</sup>                                                           |                 |                  |
| Cross section solid/stranded          | 1.5 – 6 mm <sup>2</sup>                                                           |                 |                  |
| Cross section, AWG                    |                                                                                   | 22 – 8          | 22 – 8           |
| Rated current                         | 41 A                                                                              | 50 A            | 50 A             |
| Rated voltage                         | 1000 V                                                                            | 600 V           | 600 V            |
| Rated impulse voltage                 | 8 kV                                                                              |                 |                  |
| Pollution degree                      | 3                                                                                 |                 |                  |
| <b>ACCESSORIES</b>                    | <b>Type</b>                                                                       | <b>Part No.</b> | <b>Std. Pack</b> |
| End plate                             | gray APRT 6                                                                       | 07.300.6955.0   | 10               |
| Partition                             | gray TW 6 TK                                                                      | 07.312.0453.0   | 10               |
| Cross connector, insulated            | 2-pole IVB WRT 6 TK - 2                                                           | Z7.250.5227.0   | 10               |
|                                       | 3-pole IVB WRT 6 TK - 3                                                           | Z7.250.5327.0   | 10               |
|                                       | 4-pole IVB WRT 6 TK - 4                                                           | Z7.250.5427.0   | 10               |

## WRT 6 TK

- Measuring disconnect block with ring lug connection for mounting on TS 35
- Nominal cross section 6 mm<sup>2</sup>



| Description                           | Type                                                                                | Part No.        | Std. Pack        |
|---------------------------------------|-------------------------------------------------------------------------------------|-----------------|------------------|
| Measuring disconnect block            | gray WRT 6 TK                                                                       | 57.106.1055.0   | 100              |
| <b>GENERAL DATA</b>                   |                                                                                     |                 |                  |
| Width / length / height, incl. TS 7.5 | 11 mm / 86 mm / 51 mm                                                               |                 |                  |
| Wire strip length                     | 10 mm                                                                               |                 |                  |
| Approvals                             |  |                 |                  |
| <b>TECHNICAL DATA</b>                 | <b>IEC</b>                                                                          | <b>UL</b>       | <b>CSA</b>       |
|                                       | EN 60 947-7-1                                                                       |                 |                  |
| Cross section fine-stranded           | 1.5 – 6 mm <sup>2</sup>                                                             |                 |                  |
| Cross section solid/stranded          | 1.5 – 6 mm <sup>2</sup>                                                             |                 |                  |
| Cross section, AWG                    |                                                                                     | 22 – 8          | 22 – 8           |
| Rated current                         | 41 A                                                                                | 35 A            | 35 A             |
| Rated voltage                         | 1000 V                                                                              | 600 V           | 600 V            |
| Rated impulse voltage                 | 8 kV                                                                                |                 |                  |
| Pollution degree                      | 3                                                                                   |                 |                  |
| <b>ACCESSORIES</b>                    | <b>Type</b>                                                                         | <b>Part No.</b> | <b>Std. Pack</b> |
| End plate                             | gray APRT 6 TK                                                                      | 07.300.7055.0   | 10               |
| Partition                             | gray TW 6 TK                                                                        | 07.312.0453.0   | 10               |
| Cross connector, insulated            | 2-pole IVB WRT 6 TK - 2                                                             | Z7.250.5227.0   | 10               |
|                                       | 3-pole IVB WRT 6 TK - 3                                                             | Z7.250.5327.0   | 10               |
|                                       | 4-pole IVB WRT 6 TK - 4                                                             | Z7.250.5427.0   | 10               |

# SELOS WRT – THE NEW GENERATION OF HIGH CURRENT TERMINALS

The selosWRT high current terminals are the new generation of ring lug terminals for safe and maintenance-free energy transmission.

A broad range and a clear focus on customer benefits makes selos WRT a robust solution for connecting conductors to 300 mm<sup>2</sup> and 520 A.



## **SIMPLE AND FAST MOUNTING**

- On TS 35 or on the mounting plate
- Few parts – nut with integrated spring washer

## **TOUCH-PROOF APPLICATION**

- Cover easy to open and close
- Test opening – completely touch-proof voltage measurement
- Cover can be individually adapted

## **FLEXIBLE POTENTIAL DISTRIBUTION**

- Cross connectors for simple potential distribution up to nominal currents
- Multi-conductor connection possible, 2 cable lugs per connection point

- + Rugged design
- + Vibration-proof + Maintenance-free
- + Flexible potential distribution
- + Reliable touch protection



## PERFORMANCE FEATURES

- + Connection cross-section: up to 300 mm<sup>2</sup>
- + Rated current: up to 520 A IEC / 510 A UL, CSA
- + Rated voltage: up to 1000 V

# SELOS<sup>WRT</sup> · HIGH CURRENT TERMINALS WITH SCREW CONNECTION

## WRT 35

- High current terminal block for mounting on TS 35
- Nominal cross-section 35 mm<sup>2</sup>
- Bolt connection M6



| Description                                    | Type                     | Part No.        | Std. Pack            |
|------------------------------------------------|--------------------------|-----------------|----------------------|
| High current terminal block                    | WRT 35 / M6              | 56.135.1055.0   | 10                   |
| <b>GENERAL DATA</b>                            |                          |                 |                      |
| Width / length / height (incl. TS 7.5)         | 27 mm / 107 mm / 51 mm   |                 |                      |
| Width / length / height (incl. TS 7.5 & cover) | 27 mm / 131 mm / 60 mm   |                 |                      |
| Screw size                                     | M6                       |                 |                      |
| Approvals                                      |                          |                 |                      |
| <b>Technical data</b>                          |                          | <b>IEC</b>      | <b>UL</b> <b>CSA</b> |
| Cross section fine-stranded                    | 2.5 - 50 mm <sup>2</sup> |                 |                      |
| Cross section solid/stranded                   | 2.5 - 50 mm <sup>2</sup> |                 |                      |
| Cross-section, AWG                             | 14 - 1 / 0               |                 |                      |
| Rated current                                  | 125 A                    | 130 A           | 130 A                |
| Rated voltage                                  | 1000 V                   | 1000 V          | 1000 V               |
| Rated impulse voltage                          | 8 kV                     |                 |                      |
| Pollution degree                               | 3                        |                 |                      |
| Torque                                         | 3 - 6 Nm                 |                 |                      |
| <b>ACCESSORIES</b>                             |                          | <b>Part No.</b> | <b>Std. Pack</b>     |
| Cover (2 piece/terminal required)              | AD WRT 35                | 07.431.7053.8   | 20                   |
| Cross connector, for 2 terminals               | VB WRT 35-2              | 07.201.1227.6   | 5                    |
| Cross connector, for 3 terminals               | VB WRT 35-3              | 07.201.1327.6   | 5                    |

## WRT 70

- High current terminal block for mounting on TS 35
- Nominal cross-section 70 mm<sup>2</sup>
- Bolt connection M8



| Description                                    | Typ                      | Part No.        | Std. Pack            |
|------------------------------------------------|--------------------------|-----------------|----------------------|
| High current terminal block                    | WRT 70                   | 56.170.1055.0   | 10                   |
| <b>GENERAL DATA</b>                            |                          |                 |                      |
| Width / length / height (incl. TS 7.5)         | 32 mm / 132 mm / 61 mm   |                 |                      |
| Width / length / height (incl. TS 7.5 & cover) | 32 mm / 180 mm / 70 mm   |                 |                      |
| Screw size                                     | M8                       |                 |                      |
| Approvals                                      |                          |                 |                      |
| <b>TECHNICAL DATA</b>                          |                          | <b>IEC</b>      | <b>UL</b> <b>CSA</b> |
| Cross section fine-stranded                    | 2.5 - 95 mm <sup>2</sup> |                 |                      |
| Cross section solid/stranded                   | 2.5 - 95 mm <sup>2</sup> |                 |                      |
| Cross-section, AWG                             | 14 - 3 / 0               |                 |                      |
| Rated current                                  | 192 A                    | 175 A           | 175 A                |
| Rated voltage                                  | 1000 V                   | 1000 V          | 1000 V               |
| Rated impulse voltage                          | 8 kV                     |                 |                      |
| Pollution degree                               | 3                        |                 |                      |
| Torque                                         | 6 - 12 Nm                |                 |                      |
| <b>ACCESSORIES</b>                             |                          | <b>Part No.</b> | <b>Std. Pack</b>     |
| Cover (2 piece/terminal required)              | AD WRT 70                | 07.431.7153.8   | 20                   |
| Cross connector, for 2 terminals               | VB WRT 70-2              | 07.201.3227.6   | 5                    |
| Cross connector, for 3 terminals               | VB WRT 70-3              | 07.201.3327.6   | 5                    |

## WRT 120

- High current terminal block for mounting on TS 35
- Nominal cross-section 120 mm<sup>2</sup>
- Bolt connection M10



| Description                                    | Type                    | Part No.        | Std. Pack            |
|------------------------------------------------|-------------------------|-----------------|----------------------|
| High current terminal block                    | WRT 120                 | 56.197.1055.0   | 5                    |
| <b>General data</b>                            |                         |                 |                      |
| Width / length / height (incl. TS 7.5)         | 42 mm / 133 mm / 72 mm  |                 |                      |
| Width / length / height (incl. TS 7.5 & cover) | 42 mm / 226 mm / 80 mm  |                 |                      |
| Screw size                                     | M10                     |                 |                      |
| Approvals                                      |                         |                 |                      |
| <b>Technical data</b>                          |                         | <b>IEC</b>      | <b>UL</b> <b>CSA</b> |
| Cross section fine-stranded                    | to 120 mm <sup>2</sup>  |                 |                      |
| Cross section solid/stranded                   | 6 - 150 mm <sup>2</sup> |                 |                      |
| Cross-section, AWG                             | 10 - 250 kcmil          |                 |                      |
| Rated current                                  | 269 A                   | 225 / 310 A *)  | 225 / 310 A *)       |
| Rated voltage                                  | 1000 V                  | 1000 V          | 1000 V               |
| Rated impulse voltage                          | 8 kV                    |                 |                      |
| Pollution degree                               | 3                       |                 |                      |
| Torque                                         | 10 - 20 Nm              |                 |                      |
| <b>Accessories</b>                             |                         | <b>Part No.</b> | <b>Std. Pack</b>     |
| Cover (2 piece/terminal required)              | AD WRT 120              | 07.431.7253.8   | 10                   |
| Cross connector, for 2 terminals               | VB WRT 120-2            | 07.201.5227.6   | 5                    |
| Cross connector, for 3 terminals               | VB WRT 120-3            | 07.201.5327.6   | 5                    |

\*) field / factory wiring



## WRT 185

- High current terminal block for mounting on TS 35
- Nominal cross-section 185 mm<sup>2</sup>
- Bolt connection M12



| Description                 | Type    | Part No.      | Std. Pack |
|-----------------------------|---------|---------------|-----------|
| High current terminal block | WRT 185 | 56.198.1055.0 | 5         |

| General data                                   |                                                                                     |               |               |
|------------------------------------------------|-------------------------------------------------------------------------------------|---------------|---------------|
| Width / length / height (incl. TS 7.5)         | 55 mm / 164 mm / 78 mm                                                              |               |               |
| Width / length / height (incl. TS 7.5 & cover) | 55 mm / 288 mm / 90 mm                                                              |               |               |
| Screw size                                     | M12                                                                                 |               |               |
| Approvals                                      |  |               |               |
| Technical data                                 | IEC                                                                                 | UL            | CSA           |
| Cross section fine-stranded                    | to 185 mm <sup>2</sup>                                                              |               |               |
| Cross section solid/stranded                   | 10 - 240 mm <sup>2</sup>                                                            |               |               |
| Cross-section, AWG                             |                                                                                     | 8 - 500 kcmil | 8 - 500 kcmil |
| Rated current                                  | 353 A                                                                               | 380 A         | 380 A         |
| Rated voltage                                  | 1000 V                                                                              | 1000 V        | 1000 V        |
| Rated impulse voltage                          | 8 kV                                                                                |               |               |
| Pollution degree                               | 3                                                                                   |               |               |
| Torque                                         | 14 - 31 Nm                                                                          |               |               |

| Accessories                       | Type           | Part No.      | Std. Pack |
|-----------------------------------|----------------|---------------|-----------|
| Cover (2 piece/terminal required) | AD WRT 185/300 | 07.431.7353.8 | 10        |
| Cross connector, for 2 terminals  | VB WRT 185-2   | 07.201.7227.6 | 5         |
| Cross connector, for 3 terminals  | VB WRT 185-3   | 07.201.7327.6 | 5         |

## WRT 300

- High current terminal block for mounting on TS 35
- Nominal cross-section 300 mm<sup>2</sup>
- Bolt connection M16



| Description                 | Type    | Part No.      | Std. Pack |
|-----------------------------|---------|---------------|-----------|
| High current terminal block | WRT 300 | 56.199.1055.0 | 5         |

| General data                                   |                                                                                       |                           |                           |
|------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------|---------------------------|
| Width / length / height (incl. TS 7.5)         | 55 mm / 164 mm / 78 mm                                                                |                           |                           |
| Width / length / height (incl. TS 7.5 & cover) | 55 mm / 288 mm / 90 mm                                                                |                           |                           |
| Screw size                                     | M16                                                                                   |                           |                           |
| Approvals                                      |  |                           |                           |
| Technical data                                 | IEC                                                                                   | UL                        | CSA                       |
| Cross section fine-stranded                    | to 300 mm <sup>2</sup>                                                                |                           |                           |
| Cross section solid/stranded                   | 25 - 240 mm <sup>2</sup>                                                              |                           |                           |
| Cross-section, AWG                             |                                                                                       | 6 - 600 kcmil             | 6 - 600 kcmil             |
| Rated current                                  | 520 A                                                                                 | 420 / 510 A <sup>*)</sup> | 420 / 510 A <sup>*)</sup> |
| Rated voltage                                  | 1000 V                                                                                | 1000 V                    | 1000 V                    |
| Rated impulse voltage                          | 8 kV                                                                                  |                           |                           |
| Pollution degree                               | 3                                                                                     |                           |                           |
| Torque                                         | 25 - 60 Nm                                                                            |                           |                           |

| Accessories                       | Type           | Part No.      | Std. Pack |
|-----------------------------------|----------------|---------------|-----------|
| Cover (2 piece/terminal required) | AD WRT 185/300 | 07.431.7353.8 | 10        |
| Cross connector, for 2 terminals  | VB WRT 300-2   | 07.201.9227.6 | 5         |
| Cross connector, for 3 terminals  | VB WRT 300-3   | 07.201.9327.6 | 5         |

\*) field / factory wiring

## BK M .../35

- Ring lug terminal for mounting on TS 35



| Description       | Type       | Part No.      | Std. Pack |
|-------------------|------------|---------------|-----------|
| Ring lug terminal | BK M 6/35  | 32.530.0053.0 | 25        |
|                   | BK M 8/35  | 32.540.0053.0 | 25        |
|                   | BK M 10/35 | 32.550.0053.0 | 25        |
|                   | BK M 12/35 | 32.560.0053.0 | 25        |

| GENERAL DATA |  |  |  |
|--------------|--|--|--|
| Approvals    |  |  |  |

| TECHNICAL DATA | BK M 6                                 | BK M 8  | BK M 10 | BK M 12 |
|----------------|----------------------------------------|---------|---------|---------|
| Width / height | 19 x 56                                | 24 x 65 | 35 x 72 | 35 x 74 |
| Rated current  | 125 A                                  | 150 A   | 265 A   | 265 A   |
| Rated voltage  | 1000 V / 8 kV / 3 with partition TW BK |         |         |         |

| ACCESSORIES | Type        | Part No.         | Std. Pack     |
|-------------|-------------|------------------|---------------|
| Partition   | for BK M 6  | TW BK M 6/35     | 07.340.3553.0 |
|             | for BK M 8  | TW BK M 8/35     | 07.340.3653.0 |
|             | for BK M 10 | TW BK M 10-12/35 | 07.340.3753.0 |
|             | for BK M 12 | TW BK M 10-12/35 | 07.340.3753.0 |

|                                                      |                      |                 |               |
|------------------------------------------------------|----------------------|-----------------|---------------|
| Cross connector for tab connection blocks, from E-Cu |                      |                 |               |
|                                                      | for 2 blocks BK M 6  | VB BK M 6/35-2  | 07.205.5227.0 |
|                                                      | for 3 blocks BK M 6  | VB BK M 6/35-3  | 07.205.5327.0 |
|                                                      | for 2 blocks BK M 8  | VB BK M 8/35-2  | 07.205.7227.0 |
|                                                      | for 3 blocks BK M 8  | VB BK M 8/35-3  | 07.205.7327.0 |
|                                                      | for 2 blocks BK M 10 | VB BK M 10/35-2 | 07.205.8227.0 |
|                                                      | for 3 blocks BK M 10 | VB BK M 10/35-3 | 07.205.8327.0 |
|                                                      | for 2 blocks BK M 12 | VB BK M 12/35-2 | 07.205.9227.0 |
|                                                      | for 3 blocks BK M 12 | VB BK M 12/35-3 | 07.205.9327.0 |

Technical information see FACTS & DATA page 158 ff.

Subject to technical modifications



# SELOS<sup>WRT</sup> · HIGH CURRENT BLOCKS WITH SCREW CONNECTION

## RFK 1/95... S35

- High current block for mounting on TS 35
- Nominal cross section 95 mm<sup>2</sup>



| Description        | Type | Part No.                     | Std. Pack     |
|--------------------|------|------------------------------|---------------|
| Feed-through block | gray | <b>F</b> RFK 1/95 F S 35     | 56.395.0055.0 |
|                    |      | <b>K</b> RFK 1/95 K S 35     | 56.395.0155.0 |
|                    |      | <b>FK</b> RFK 1/95 FK S 35   | 56.395.0255.0 |
|                    |      | <b>FM</b> RFK 1/95 FM S 35   | 56.395.1055.0 |
|                    |      | <b>FMK</b> RFK 1/95 FMK S 35 | 56.395.1255.0 |

### GENERAL DATA

|                                       |                |
|---------------------------------------|----------------|
| Width / length / height, incl. TS 7.5 | see list p. 53 |
| Wire strip length                     | 27 mm          |
| Approvals                             |                |

| TECHNICAL DATA               | IEC                     | UL        | CSA       |
|------------------------------|-------------------------|-----------|-----------|
|                              | EN 60 947-7-1           |           |           |
| Cross section fine-stranded  | 16 – 95 mm <sup>2</sup> |           |           |
| Cross section solid/stranded | 16 – 95 mm <sup>2</sup> |           |           |
| Cross section, AWG           |                         | 6 - 3 / 0 | 6 - 3 / 0 |
| Rated current                | 250 A                   | 200 A     | 200 A     |
| Rated voltage                | 1000 V                  | 600 V     | 600 V     |
| Rated impulse voltage        | 8 kV                    |           |           |
| Pollution degree             | 3                       |           |           |

| ACCESSORIES                | Type         | Part No.         | Std. Pack     |
|----------------------------|--------------|------------------|---------------|
| Cover for RFK 1 / ...      | yellow       | AD RFK 95        | 27.409.5753.0 |
| Partition / end plate      | 2.8 mm thick | TE / RFK 1/95    | 07.340.0353.0 |
| Cross connector, from E-Cu | for 2 blocks | VB RFK 1/95/2/32 | 07.205.1227.0 |
|                            | for 3 blocks | VB RFK 1/95/3/32 | 07.205.1327.0 |
|                            | for 4 blocks | VB RFK 1/95/4/32 | 07.205.1427.0 |

## RFK 1/150... S35

- High current block for mounting on TS 35
- Nominal cross section 150 mm<sup>2</sup>



| Description        | Type | Part No.                     | Std. Pack     |
|--------------------|------|------------------------------|---------------|
| Feed-through block | gray | <b>F</b> RFK 1/150 F S35     | 56.397.0055.0 |
|                    |      | <b>K</b> RFK 1/150 K S35     | 56.397.0155.0 |
|                    |      | <b>FK</b> RFK 1/150 FK S35   | 56.397.0255.0 |
|                    |      | <b>FMK</b> RFK 1/150 FMK S35 | 56.397.1255.0 |

### GENERAL DATA

|                                       |                |
|---------------------------------------|----------------|
| Width / length / height, incl. TS 7.5 | see list p. 53 |
| Wire strip length                     | 27 mm          |
| Approvals                             |                |

| TECHNICAL DATA               | IEC                      | UL            | CSA           |
|------------------------------|--------------------------|---------------|---------------|
|                              | EN 60 947-7-1            |               |               |
| Cross section fine-stranded  | 70 – 150 mm <sup>2</sup> |               |               |
| Cross section solid/stranded | 70 – 150 mm <sup>2</sup> |               |               |
| Cross section, AWG           |                          | 0 - 300 kcmil | 0 - 300 kcmil |
| Rated current                | 335 A                    | 275 A         | 300 A         |
| Rated voltage                | 1000 V                   | 600 V         | 600 V         |
| Rated impulse voltage        | 8 kV                     |               |               |
| Pollution degree             | 3                        |               |               |

| ACCESSORIES                | Type         | Part No.                | Std. Pack     |
|----------------------------|--------------|-------------------------|---------------|
| Cover for RFK 1 / ...      | yellow       | AD RFK 150 - 240        | 27.409.5853.0 |
| Partition / end plate      | 2.8 mm thick | TE / RFK 1/150 - 240 PA | 07.340.1053.0 |
| Cross connector, from E-Cu | for 2 blocks | VB RFK 1/185/2          | 07.201.4227.0 |
|                            | for 3 blocks | VB RFK 1/185/3          | 07.201.4327.0 |
|                            | for 4 blocks | VB RFK 1/185/4          | 07.201.4427.0 |

**RFK 1/185... S35**

- High current block for mounting on TS 35
- Nominal cross section 185 mm<sup>2</sup>



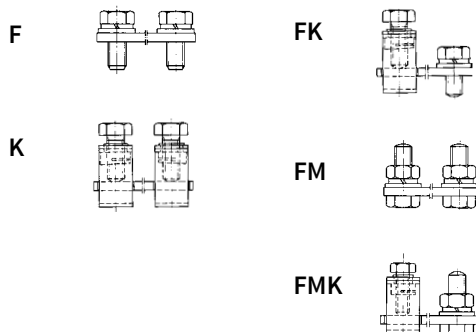
| Description                           | Type                     | Part No.              | Std. Pack                        |
|---------------------------------------|--------------------------|-----------------------|----------------------------------|
| Feed-through block                    | gray <b>F</b>            | RFK 1/185 F S 35      | 56.398.0055.0                    |
|                                       | <b>FM</b>                | RFK 1/185 FM S 35     | 56.398.1055.0                    |
| <b>GENERAL DATA</b>                   |                          |                       |                                  |
| Width / length / height, incl. TS 7.5 | see list                 |                       |                                  |
| Wire strip length                     | 27 mm                    |                       |                                  |
| Approvals                             |                          |                       |                                  |
| <b>TECHNICAL DATA</b>                 |                          | <b>IEC</b>            | <b>UL</b> <b>CSA</b>             |
| For use with insulating sleeves       | EN 60947-7-1             |                       |                                  |
| Cross section fine-stranded           | 70 – 200 mm <sup>2</sup> |                       |                                  |
| Cross section solid/stranded          | 70 – 200 mm <sup>2</sup> |                       |                                  |
| Cross section, AWG                    | 0 - 400 kcmil            |                       | 0 - 400 kcmil                    |
| Rated current                         | 353 A                    | 375 A                 | 375 A                            |
| Rated voltage                         | 1000 V                   | 600 V                 | 600 V                            |
| Rated impulse voltage                 | 8 kV                     |                       |                                  |
| Pollution degree                      | 3                        |                       |                                  |
| <b>ACCESSORIES</b>                    |                          | <b>Type</b>           | <b>Part No.</b> <b>Std. Pack</b> |
| Cover for RFK 1/..., yellow           | 2.8 mm thick             | AD RFK 150 - 240      | Z7.409.5853.0                    |
| Partition / end plate                 |                          | TE/RFK 1/150 - 240 PA | 07.340.1053.0                    |
| Cross connector, for 2 blocks         |                          | VB RFK 1/185/2        | 07.201.4227.0                    |
| from E-Cu, for 3 blocks               |                          | VB RFK 1/185/3        | 07.201.4327.0                    |
| for 4 blocks                          |                          | VB RFK 1/185/4        | 07.201.4427.0                    |

**RFK 1/240... S35**

- High current block for mounting on TS 35
- Nominal cross section 240 mm<sup>2</sup>
- \* Use only cable lugs type DIN 46234



| Description                           | Type                     | Part No.                         | Std. Pack                        |
|---------------------------------------|--------------------------|----------------------------------|----------------------------------|
| Feed-through block                    | gray <b>F</b>            | RFK 1/240 F S 35 <sup>*)</sup>   | 56.399.0055.0                    |
|                                       | <b>K</b>                 | RFK 1/240 K S 35                 | 56.399.0155.0                    |
|                                       | <b>FK</b>                | RFK 1/240 FK S 35 <sup>*)</sup>  | 56.399.0255.0                    |
|                                       | <b>FM</b>                | RFK 1/240 FM S 35 <sup>*)</sup>  | 56.399.1055.0                    |
|                                       | <b>FMK</b>               | RFK 1/240 FMK S 35 <sup>*)</sup> | 56.399.1255.0                    |
| <b>GENERAL DATA</b>                   |                          |                                  |                                  |
| Width / length / height, incl. TS 7.5 | see list                 |                                  |                                  |
| Wire strip length                     | 27 mm                    |                                  |                                  |
| Approvals                             |                          |                                  |                                  |
| <b>TECHNICAL DATA</b>                 |                          | <b>IEC</b>                       | <b>UL</b> <b>CSA</b>             |
| For use with insulating sleeves       | EN 60947-7-1             |                                  |                                  |
| Cross section fine-stranded           | 70 – 240 mm <sup>2</sup> |                                  |                                  |
| Cross section solid/stranded          | 70 – 240 mm <sup>2</sup> |                                  |                                  |
| Cross section, AWG                    | 0 - 500 kcmil            |                                  | 3/0 - 500 kcmil                  |
| Rated current                         | 415 A                    | 375 A                            | 425 A                            |
| Rated voltage                         | 1000 V                   | 600 V                            | 600 V                            |
| Rated impulse voltage                 | 8 kV                     |                                  |                                  |
| Pollution degree                      | 3                        |                                  |                                  |
| <b>ACCESSORIES</b>                    |                          | <b>Type</b>                      | <b>Part No.</b> <b>Std. Pack</b> |
| Cover for RFK 1/..., yellow           | 2.8 mm thick             | AD RFK 150 - 240                 | Z7.409.5853.0                    |
| Partition / end plate                 |                          | TE/RFK 1/150 - 240 PA            | 07.340.1053.0                    |
| Cross connector, for 2 blocks         |                          | VB RFK 1/240/2                   | 07.201.8227.0                    |
| from E-Cu, for 3 blocks               |                          | VB RFK 1/240/3                   | 07.201.8327.0                    |
| for 4 blocks                          |                          | VB RFK 1/240/4                   | 07.201.8427.0                    |

**CONFIGURATIONS**

| mm <sup>2</sup> | Type       | Screw | Width mm | Length mm | Height, incl. TS 7.5 mm |
|-----------------|------------|-------|----------|-----------|-------------------------|
| 95              | F          | M 10  | 32       | 92        | 55                      |
|                 | FM         | M 10  | 32       | 92        | 65                      |
|                 | K, FK, FMK | M 10  | 32       | 92        | 78                      |
| 150             | F          | M 12  | 42       | 92        | 55                      |
|                 | K, FK, FMK | M 12  | 42       | 92        | 78                      |
| 185             | F          | M 12  | 42       | 92        | 55                      |
|                 | FM         | M 12  | 42       | 92        | 70                      |
| 240             | F          | M 12  | 42       | 92        | 55                      |
|                 | FM         | M 12  | 42       | 92        | 77                      |
|                 | K, FK, FMK | M 12  | 42       | 92        | 93                      |

# SELOS · MINI BLOCKS WITH SCREW CONNECTION FOR TS 15

## WKM 2,5/15

- Feed-through block for mounting on TS 15
- Nominal cross section 2.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                                       | Type                                                                                                                                                                                                                                                                                            | Part No.            | Std. Pack     |                           |                                                                                     |
|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------|---------------------------|-------------------------------------------------------------------------------------|
| Feed-through block                                | gray WKM 2,5/15                                                                                                                                                                                                                                                                                 | 55.503.1053.0       | 100           |                           |                                                                                     |
| Feed-through block                                | blue WKM 2,5/15 BLAU                                                                                                                                                                                                                                                                            | 55.503.1053.6       | 100           |                           |                                                                                     |
| GENERAL DATA                                      |                                                                                                                                                                                                                                                                                                 |                     |               |                           |                                                                                     |
| Width / length / height, incl. TS 7.5             | 5 mm / 32 mm / 32 mm                                                                                                                                                                                                                                                                            |                     |               |                           |                                                                                     |
| Wire strip length                                 | 9 mm                                                                                                                                                                                                                                                                                            |                     |               |                           |                                                                                     |
| Approvals                                         |    ATEX USA-Ex CAN-Ex KEMA 02 ATEX 2114 U |                     |               |                           |                                                                                     |
| TECHNICAL DATA                                    |                                                                                                                                                                                                                                                                                                 | IEC                 | UL            | CSA                       |  |
|                                                   |                                                                                                                                                                                                                                                                                                 | EN 60 947-7-1       |               |                           | EN 60 079-0/-7                                                                      |
| Cross section fine-stranded                       | 0.5 – 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                       |                     |               | 0.5 – 2.5 mm <sup>2</sup> |                                                                                     |
| Cross section solid/stranded                      | 0.5 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                                         |                     |               | 0.5 – 4 mm <sup>2</sup>   |                                                                                     |
| Cross section, AWG                                |                                                                                                                                                                                                                                                                                                 | 22 – 14             | 24 – 12       |                           |                                                                                     |
| Rated current                                     | 25 A                                                                                                                                                                                                                                                                                            | 10 A                | 25 A          | 20 A                      |                                                                                     |
| Rated voltage                                     | 500 V                                                                                                                                                                                                                                                                                           | 300 V               | 600 V         | 275 V                     |                                                                                     |
| Rated impulse voltage                             | 6 kV                                                                                                                                                                                                                                                                                            |                     |               |                           |                                                                                     |
| Pollution degree                                  | 3                                                                                                                                                                                                                                                                                               |                     |               |                           |                                                                                     |
| ACCESSORIES                                       |                                                                                                                                                                                                                                                                                                 | Type                | Part No.      | Std. Pack                 |                                                                                     |
| End plate                                         | gray                                                                                                                                                                                                                                                                                            | APM 2,5 - 4/15      | 07.311.0853.0 | 10                        |                                                                                     |
|                                                   | blue                                                                                                                                                                                                                                                                                            | APM 2,5 - 4/15 BLAU | 07.311.0853.6 | 10                        |                                                                                     |
| Partition                                         | gray                                                                                                                                                                                                                                                                                            | TWM 2,5 - 4/15      | 07.311.1853.0 | 10                        |                                                                                     |
| Cross connector with screws,                      | 2-pole                                                                                                                                                                                                                                                                                          | VB WKM 2,5/15-2     | Z7.215.4227.0 | 50                        |                                                                                     |
| E-Cu                                              | 3-pole                                                                                                                                                                                                                                                                                          | VB WKM 2,5/15-3     | Z7.215.4327.0 | 50                        |                                                                                     |
|                                                   | up to 6-pole                                                                                                                                                                                                                                                                                    | VB WKM 2,5/15-6     | Z7.215.4627.0 | 50                        |                                                                                     |
|                                                   | 60-pole                                                                                                                                                                                                                                                                                         | VB WKM 2,5/15 M60   | Z7.215.4027.0 | 10                        |                                                                                     |
| Single cover f. cross conn. with marking facility |                                                                                                                                                                                                                                                                                                 | AD VB 2,5/15 GELB   | 04.326.3053.8 | 10                        |                                                                                     |
| Partition plate with marking facility             |                                                                                                                                                                                                                                                                                                 | TSM 2,5/15          | 07.311.2853.8 | 10                        |                                                                                     |

## WKM 4/15

- Feed-through block for mounting on TS 15
- Nominal cross section 4 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174
- <sup>2)</sup> with/without jumper



| Description                                       | Type                                                                                                                                                                                                            | Part No.      | Std. Pack                                                                                 |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------|
| Feed-through block                                | gray WKM 4/15                                                                                                                                                                                                   | 55.504.1053.0 | 100                                                                                       |
| Feed-through block                                | blue WKM 4/15 BLAU                                                                                                                                                                                              | 55.504.1053.6 | 100                                                                                       |
| GENERAL DATA                                      |                                                                                                                                                                                                                 |               |                                                                                           |
| Width / length / height, incl. TS 7.5             | 6 mm / 32 mm / 32 mm                                                                                                                                                                                            |               |                                                                                           |
| Wire strip length                                 | 9 mm                                                                                                                                                                                                            |               |                                                                                           |
| Approvals                                         |   ATEX USA-Ex CAN-Ex KEMA 02 ATEX 2114 U |               |                                                                                           |
| TECHNICAL DATA                                    | IEC                                                                                                                                                                                                             | UL            | CSA  |
|                                                   | EN 60 947-7-1 EN 60 079-0/-7                                                                                                                                                                                    |               |                                                                                           |
| Cross section fine-stranded                       | 0.5 – 4 mm <sup>2</sup> 0.5 – 4 mm <sup>2</sup>                                                                                                                                                                 |               |                                                                                           |
| Cross section solid/stranded                      | 0.5 – 6 mm <sup>2</sup> 0.5 – 6 mm <sup>2</sup>                                                                                                                                                                 |               |                                                                                           |
| Cross section, AWG                                | 22 – 10 20 – 10                                                                                                                                                                                                 |               |                                                                                           |
| Rated current                                     | 28 A                                                                                                                                                                                                            | 30 A          | 37 A 21/27 A <sup>2)</sup>                                                                |
| Rated voltage                                     | 500 V                                                                                                                                                                                                           | 600 V         | 600 V 275 V                                                                               |
| Rated impulse voltage                             | 6 kV                                                                                                                                                                                                            |               |                                                                                           |
| Pollution degree                                  | 3                                                                                                                                                                                                               |               |                                                                                           |
| ACCESSORIES                                       |                                                                                                                                                                                                                 |               |                                                                                           |
|                                                   | Type                                                                                                                                                                                                            | Part No.      | Std. Pack                                                                                 |
| End plate                                         | gray APM 2,5 - 4/15                                                                                                                                                                                             | 07.311.0853.0 | 10                                                                                        |
|                                                   | blue APM 2,5 - 4/15 BLAU                                                                                                                                                                                        | 07.311.0853.6 | 10                                                                                        |
| Partition                                         | gray TWM 2,5 - 4/15                                                                                                                                                                                             | 07.311.1853.0 | 10                                                                                        |
| Cross connector with screws,                      | 2-pole IVB WK 4 E/U-2                                                                                                                                                                                           | Z7.271.2227.0 | 10                                                                                        |
| E-Cu                                              | 3-pole IVB WK 4 E/U-3                                                                                                                                                                                           | Z7.271.2327.0 | 10                                                                                        |
|                                                   | up to 12-pole IVB WK 4 E/U-12                                                                                                                                                                                   | Z7.271.3227.0 | 10                                                                                        |
| Single cover f. cross conn. with marking facility | AD VB 4/15 GELB                                                                                                                                                                                                 | 04.326.2953.8 | 10                                                                                        |
| Partition plate with marking facility             | TSM 4/15                                                                                                                                                                                                        | 07.311.2953.8 | 10                                                                                        |

## WKM 4 SL/15

- Ground block for mounting on TS 15
- Nominal cross section 4 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                                                                                                                                                                                                                  | Part No.      | Std. Pack               |           |                                                                                       |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------|-----------|---------------------------------------------------------------------------------------|
| Ground block                          | green/yellow WKM 4 SL/15                                                                                                                                                                                                                                                                              | 55.504.9153.0 | 100                     |           |                                                                                       |
| GENERAL DATA                          |                                                                                                                                                                                                                                                                                                       |               |                         |           |                                                                                       |
| Width / length / height, incl. TS 7.5 | 6 mm / 32 mm / 32 mm                                                                                                                                                                                                                                                                                  |               |                         |           |                                                                                       |
| Wire strip length                     | 9 mm                                                                                                                                                                                                                                                                                                  |               |                         |           |                                                                                       |
| Approvals                             |    ATEX USA-Ex CAN-Ex KEMA 02 ATEX 2114 U |               |                         |           |                                                                                       |
| TECHNICAL DATA                        |                                                                                                                                                                                                                                                                                                       | IEC           | UL                      | CSA       |  |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                                                                         |               | EN 60 079-0/-7          |           |                                                                                       |
| Cross section fine-stranded           | 0.5 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                                               |               | 0.5 – 4 mm <sup>2</sup> |           |                                                                                       |
| Cross section solid/stranded          | 0.5 – 6 mm <sup>2</sup>                                                                                                                                                                                                                                                                               |               | 0.5 – 6 mm <sup>2</sup> |           |                                                                                       |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                                                       |               | 22 – 14                 | 22 – 10   |                                                                                       |
| Rated current                         |                                                                                                                                                                                                                                                                                                       |               | 30 A                    |           |                                                                                       |
| Rated voltage                         | 500 V                                                                                                                                                                                                                                                                                                 | 300 V         |                         |           |                                                                                       |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                                                                                                                                                  |               |                         |           |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                     |               |                         |           |                                                                                       |
| ACCESSORIES                           |                                                                                                                                                                                                                                                                                                       | Type          | Part No.                | Std. Pack |                                                                                       |
| End plate                             | APM 4 SL/15                                                                                                                                                                                                                                                                                           |               | 07.311.0753.0           | 10        |                                                                                       |

More accessories page 130 ff.



# SELOS BIT – TERMINAL BLOCKS FOR ELECTRICAL INSTALLATIONS

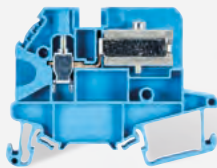
selos – these are terminal blocks with screw connection, solid and functional, known worldwide, and used millions of times over.

The selos series combines the advantages of the classic screw connection with modern connection technology, with the focus on customer benefits and increased efficiency in wiring and logistics.



## SPACE-SAVING WIRING

- Clear wiring and assignment of electrical circuits through three-tier design in 6 mm assembly width
- Neutral conductor, phase feed-through, and ground connection in just one terminal
- Safety and convenience through switchable N disconnect function



## SAFE AND MAINTENANCE-FREE CONNECTION

- Stable terminal body design with single-part thread
- Multi-wire connection
- Connect with and without wire end ferrule
- Safety and operating convenience even with N-separation using screwable slide-gate valve



## COMBINABLE IN THE SYSTEM

- Problem-free combination of installation terminals with other Wieland terminal blocks, also with different connection equipment
- For example:
  - Circuit wiring with compact spring-force device fasis BIT
  - Power feed with proven selos screws
- Low storage and logistics expense due to uniform accessories







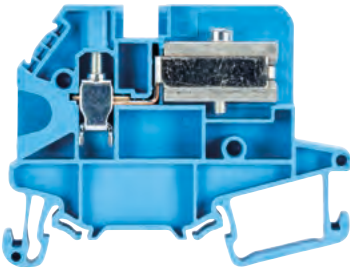
## PERFORMANCE FEATURES

- + Connection cross-section: up to 50 mm<sup>2</sup>
- + Rated current: up to 125 A IEC / 95 A UL / 110 A CSA
- + Rated voltage: up to 400 V IEC / 600 V UL

# SELOS BIT · NEUTRAL DISCONNECT TERMINALS FOR INSTALLATION DISTRIBUTION BOARDS WITH SCREW CONNECTION

## WT 4 NT

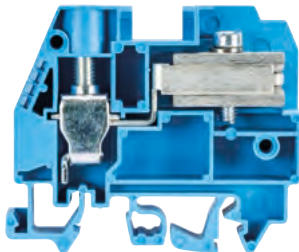
- Neutral disconnect block with screw connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>



| Description                           | Type                     | Part.No.        | Std. Pack |
|---------------------------------------|--------------------------|-----------------|-----------|
| Neutral disconnect terminal           | blue WT 4 NT             | 58.504.6155.0   | 100       |
| <b>GENERAL DATA</b>                   |                          |                 |           |
| Width / length / height, incl. TS 7.5 | 6 mm / 62.6 mm / 48.6 mm |                 |           |
| Wire strip length                     | 9 mm                     |                 |           |
| Approvals                             |                          |                 |           |
| <b>TECHNICAL DATA</b>                 |                          | <b>IEC</b>      |           |
|                                       | EN 60 947-7-2            |                 |           |
| Cross section fine-stranded           | 0.14-6 mm <sup>2</sup>   |                 |           |
| Cross section solid/stranded          | 0.14-6 mm <sup>2</sup>   |                 |           |
| Cross-section, AWG                    |                          |                 |           |
| Rated current                         | 32 A                     |                 |           |
| Rated voltage                         | 400 V                    |                 |           |
| Rated impulse voltage                 | 6 kV                     |                 |           |
| Pollution degree                      | 3                        |                 |           |
| <b>ACCESSORIES</b>                    |                          | <b>Part.No.</b> |           |
| End plate                             | AP WT 4 NT               | 07.313.4355.0   | 1         |
| Busbar                                | 9813 M 10X3 1000MM       | 98.290.0000.0   | 1         |
|                                       | 9813 M SN 10X3 1000MM    | 98.290.1000.0   | 1         |
| Connection clamp for busbar           | WAK16/2 BL/V0            | 30.494.3021.6   | 100       |
| Connection clamp for busbar           | WAK35/2 BL/V0            | 30.494.4021.6   | 100       |
| Connection clamp for busbar           | WAK35/2                  | 30.494.4121.0   | 50        |

## WKI 10 ETK

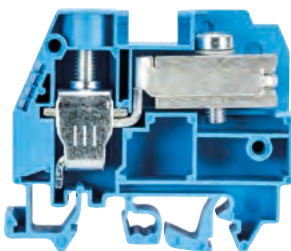
- Neutral disconnect block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 10 mm<sup>2</sup>



| Description                           | Type                    | Part.No.        | Std. Pack |
|---------------------------------------|-------------------------|-----------------|-----------|
| Neutral disconnect terminal           | blue WKI 10 ETK/U/V0    | 57.510.8255.0   | 50        |
| <b>GENERAL DATA</b>                   |                         |                 |           |
| Width / length / height, incl. TS 7.5 | 10 mm / 58 mm / 51.5 mm |                 |           |
| Wire strip length                     | 13 mm                   |                 |           |
| Approvals                             | SE                      |                 |           |
| <b>TECHNICAL DATA</b>                 |                         | <b>IEC</b>      |           |
|                                       | EN 60 947-7-2           |                 |           |
| Cross section fine-stranded           | 1-10 mm <sup>2</sup>    |                 |           |
| Cross section solid/stranded          | 1-16 mm <sup>2</sup>    |                 |           |
| Cross-section, AWG                    |                         | 16-6 AWG        |           |
| Rated current                         | 45 A                    |                 |           |
| Rated voltage                         | 400 V                   | 600 V           |           |
| Rated impulse voltage                 | 6 kV                    |                 |           |
| Pollution degree                      | 3                       |                 |           |
| <b>ACCESSORIES</b>                    |                         | <b>Part.No.</b> |           |
| End plate                             | API 10-16 ETK/1/V0      | 07.312.1955.0   | 10        |
| Busbar                                | 9813 M 10X3 1000MM      | 98.290.0000.0   | 1         |
|                                       | 9813 M SN 10X3 1000MM   | 98.290.1000.0   | 1         |
| Connection clamp for busbar           | WAK16/2 BL/V0           | 30.494.3021.6   | 100       |
| Connection clamp for busbar           | WAK35/2 BL/V0           | 30.494.4021.6   | 100       |
| Connection clamp for busbar           | WAK35/2                 | 30.494.4121.0   | 50        |

## WKI 16 ETK

- Neutral disconnect block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 16 mm<sup>2</sup>



| Description                           | Type                    | Part.No.        | Std. Pack |
|---------------------------------------|-------------------------|-----------------|-----------|
| Neutral disconnect terminal           | blue WKI 16 ETK/U/V0    | 57.516.8255.0   | 50        |
| <b>GENERAL DATA</b>                   |                         |                 |           |
| Width / length / height, incl. TS 7.5 | 12 mm / 58 mm / 51.5 mm |                 |           |
| Wire strip length                     | 15 mm                   |                 |           |
| Approvals                             | SE                      |                 |           |
| <b>TECHNICAL DATA</b>                 |                         | <b>IEC</b>      |           |
|                                       | EN 60 947-7-2           |                 |           |
| Cross section fine-stranded           | 1-16 mm <sup>2</sup>    |                 |           |
| Cross section solid/stranded          | 1-25 mm <sup>2</sup>    |                 |           |
| Cross-section, AWG                    |                         | 14-4 AWG        |           |
| Rated current                         | 62 A                    |                 |           |
| Rated voltage                         | 400 V                   | 600 V           |           |
| Rated impulse voltage                 | 6 kV                    |                 |           |
| Pollution degree                      | 3                       |                 |           |
| <b>ACCESSORIES</b>                    |                         | <b>Part.No.</b> |           |
| End plate                             | API 10-16 ETK/1/V0      | 07.312.1955.0   | 10        |
| Busbar                                | 9813 M 10X3 1000MM      | 98.290.0000.0   | 1         |
|                                       | 9813 M SN 10X3 1000MM   | 98.290.1000.0   | 1         |
| Connection clamp for busbar           | WAK16/2 BL/V0           | 30.494.3021.6   | 100       |
| Connection clamp for busbar           | WAK35/2 BL/V0           | 30.494.4021.6   | 100       |
| Connection clamp for busbar           | WAK35/2                 | 30.494.4121.0   | 50        |

More accessories page 130 ff.

# SELOS BIT · TERMINAL BLOCKS FOR INSTALLATION DISTRIBUTION BOARDS IN COMPACT DESIGN

## WKI 10

- Feed-through block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 10 mm<sup>2</sup>

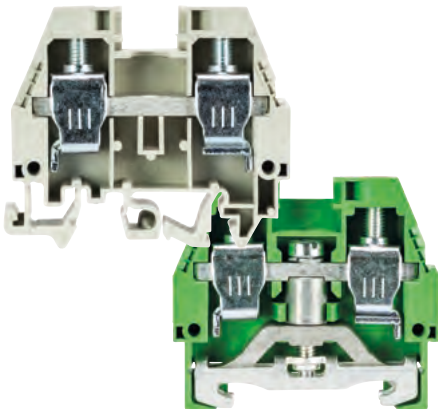


| Description                              | Type                    | Part.No.      | Std. Pack |
|------------------------------------------|-------------------------|---------------|-----------|
| Feed-through terminal                    | gray WKI 10 / U/V0      | 57.510.1155.0 | 50        |
|                                          | blue WKI 10 / U BLAU/V0 | 57.510.1155.6 | 50        |
| Feed-through terminal block green/yellow | WKI 10 SL / 35/V0       | 56.510.9255.0 | 50        |

| GENERAL DATA                          |                                                                                   |               |           |
|---------------------------------------|-----------------------------------------------------------------------------------|---------------|-----------|
| Width / length / height, incl. TS 7.5 | 10 mm / 58 mm / 51,5 mm                                                           |               |           |
| Wire strip length                     | 18 mm                                                                             |               |           |
| Approvals                             |  |               |           |
| TECHNICAL DATA                        | IEC                                                                               | UL            | CSA       |
|                                       | EN 60 947-7-1                                                                     |               |           |
| Cross section fine-stranded           | 1-10 mm <sup>2</sup>                                                              |               |           |
| Cross section solid/stranded          | 1.5-16 mm <sup>2</sup>                                                            |               |           |
| Cross-section, AWG                    |                                                                                   | 16-6 AWG      | 16-6 AWG  |
| Rated current                         | 57 A                                                                              | 65 A          | 70 A      |
| Rated voltage                         | 400 V                                                                             | 600 V         | 600 V     |
| Rated impulse voltage                 | 6 kV                                                                              |               |           |
| Pollution degree                      | 3                                                                                 |               |           |
| ACCESSORIES                           | Type                                                                              | Part.No.      | Std. Pack |
| End plate                             | API 10 - 16/V0                                                                    | 07.311.9455.0 | 10        |
| Insulated jumper bar                  | 2-pole                                                                            | IVBWKN10 - 2  | 10        |
|                                       | 3-pole                                                                            | IVBWKN10 - 3  | 10        |
|                                       | 4-pole                                                                            | IVBWKN10 - 4  | 10        |
|                                       | 5-pole                                                                            | IVBWKN10 - 5  | 10        |

## WKI 16

- Feed-through block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 16 mm<sup>2</sup>

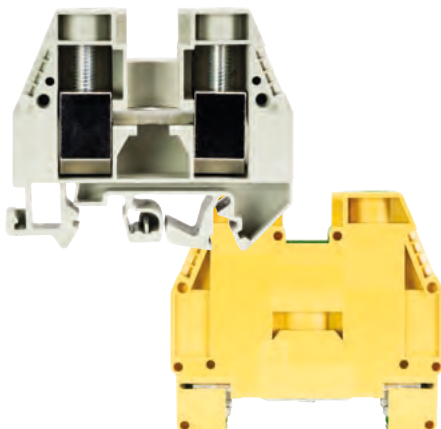


| Description                              | Type                    | Part.No.      | Std. Pack |
|------------------------------------------|-------------------------|---------------|-----------|
| Feed-through terminal                    | gray WKI 16 / U/V0      | 57.516.1155.0 | 50        |
|                                          | blue WKI 16 / U BLAU/V0 | 57.516.1155.6 | 50        |
| Feed-through terminal block green/yellow | WKI 16 SL / 35/V0       | 56.516.9255.0 | 50        |

| GENERAL DATA                          |                                                                                      |               |           |
|---------------------------------------|--------------------------------------------------------------------------------------|---------------|-----------|
| Width / length / height, incl. TS 7.5 | 12 mm / 58 mm / 51,5 mm                                                              |               |           |
| Wire strip length                     | 16 mm                                                                                |               |           |
| Approvals                             |  |               |           |
| TECHNICAL DATA                        | IEC                                                                                  | UL            | CSA       |
|                                       | EN 60 947-7-1                                                                        |               |           |
| Cross section fine-stranded           | 1-16 mm <sup>2</sup>                                                                 |               |           |
| Cross section solid/stranded          | 1.5-25 mm <sup>2</sup>                                                               |               |           |
| Cross-section, AWG                    |                                                                                      | 12-4 AWG      | 14-4 AWG  |
| Rated current                         | 76 A                                                                                 | 65 / 90 A     | 95 A      |
| Rated voltage                         | 400 V                                                                                | 600 V         | 600 V     |
| Rated impulse voltage                 | 6 kV                                                                                 |               |           |
| Pollution degree                      | 3                                                                                    |               |           |
| ACCESSORIES                           | Type                                                                                 | Part.No.      | Std. Pack |
| End plate                             | API 10 - 16/V0                                                                       | 07.311.9455.0 | 10        |
| Insulated jumper bar                  | 2-pole                                                                               | IVB WKI16- 2  | 10        |
|                                       | 3-pole                                                                               | IVB WKI16- 3  | 10        |
|                                       | 4-pole                                                                               | IVB WKI16- 4  | 10        |
|                                       | 5-pole                                                                               | IVB WKI16- 5  | 10        |

## WKI 35

- Feed-through block with screw connection for mounting on TS 35 and TS 32
- Nominal cross section 35 mm<sup>2</sup>



| Description                              | Type                    | Part.No.      | Std. Pack |
|------------------------------------------|-------------------------|---------------|-----------|
| Feed-through terminal                    | gray WKI 35 / U/V0      | 57.535.1155.0 | 20        |
|                                          | blue WKI 35 / U BLAU/V0 | 57.535.1155.6 | 20        |
| Feed-through terminal block green/yellow | WKI 35 SL / 35/V0       | 56.535.9255.0 | 20        |

| GENERAL DATA                          |                                                                                     |               |           |
|---------------------------------------|-------------------------------------------------------------------------------------|---------------|-----------|
| Width / length / height, incl. TS 7.5 | 16 mm / 58 mm / 51,5 mm                                                             |               |           |
| Wire strip length                     | 13 mm                                                                               |               |           |
| Approvals                             |  |               |           |
| TECHNICAL DATA                        | IEC                                                                                 | UL            | CSA       |
|                                       | EN 60 947-7-1                                                                       |               |           |
| Cross section fine-stranded           | 6-35 mm <sup>2</sup>                                                                |               |           |
| Cross section solid/stranded          | 6-50 mm <sup>2</sup>                                                                |               |           |
| Cross-section, AWG                    |                                                                                     | 10-2 AWG      | 10-2 AWG  |
| Rated current                         | 125 A                                                                               | 95 A          | 110 A     |
| Rated voltage                         | 400 V                                                                               | 600 V         | 600 V     |
| Rated impulse voltage                 | 6 kV                                                                                |               |           |
| Pollution degree                      | 3                                                                                   |               |           |
| ACCESSORIES                           | Type                                                                                | Part.No.      | Std. Pack |
| End plate                             | API 35/V0                                                                           | 07.311.8855.0 | 10        |
| Insulated jumper bar                  | 2-pole                                                                              | IVBWKI35 - 2  | 5         |
|                                       | 3-pole                                                                              | IVBWKI35 - 3  | 5         |
|                                       | 4-pole                                                                              | IVBWKI35 - 4  | 5         |
|                                       | 5-pole                                                                              | IVBWKI35 - 5  | 5         |

Technical information see FACTS & DATA page 158 ff.

Subject to technical modifications

More feed-through and ground blocks are on page 14 and the following

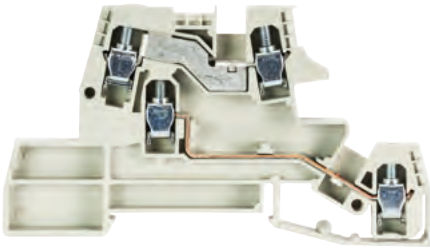


# SELOS BIT · MULTI-TIER TERMINALS FOR INSTALLATION DISTRIBUTION BOARDS WITH SCREW CONNECTION

## WKI 4 DU

### WKI 4 D-D

- Installation multi-tier terminal with screw connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
- Model DU: one busbar below



| Description                       | Type          | Part.No.      | Std. Pack |
|-----------------------------------|---------------|---------------|-----------|
| Installation rail terminal blocks | WKI 4 DU /V0  | 56.404.9655.0 | 50        |
| Installation rail terminal blocks | WKI 4 D-D /V0 | 56.404.9755.0 | 50        |

#### GENERAL DATA

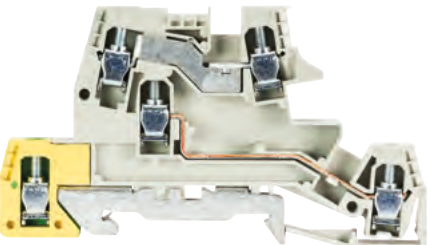
|                                       |                                                                                   |           |           |
|---------------------------------------|-----------------------------------------------------------------------------------|-----------|-----------|
| Width / length / height, incl. TS 7.5 | 6 mm / 90 mm / 51.5 mm                                                            |           |           |
| Wire strip length                     | 7 mm                                                                              |           |           |
| Approvals                             |  |           |           |
| TECHNICAL DATA                        | IEC                                                                               | UL        | CSA       |
|                                       | EN 60 947-7-1                                                                     |           |           |
| Cross section fine-stranded           | 0.5-4 mm <sup>2</sup>                                                             |           |           |
| Cross section solid/stranded          | 0.5 - 6 mm <sup>2</sup>                                                           |           |           |
| Cross-section, AWG                    |                                                                                   | 22-10 AWG | 22-10 AWG |
| Rated current                         | 26 A                                                                              | 24 A      | 25 A      |
| Rated voltage                         | 400 V                                                                             | 300 V     | 300 V     |
| Rated impulse voltage                 | 6 kV                                                                              |           |           |
| Pollution degree                      | 3                                                                                 |           |           |

| ACCESSORIES | Type                      | Part.No.      | Std. Pack |
|-------------|---------------------------|---------------|-----------|
| End plate   | API 4/2/V0                | 07.311.6555.0 | 10        |
| Partition   | TWI 4/V0                  | 07.311.6955.0 | 10        |
| Jumper bar  | 2-pole                    | 9703 / 6- 2   | 50        |
|             | 5-pole                    | 9703 / 6- 5   | 50        |
|             | insulated 12-pole         | IVB WKI 4-12  | 10        |
|             | sold by the meter 70-pole | 9703 / 6 M-70 | 10        |

## WKI 4 D-D-SL

### WKI 4 N-D-SL

- Installation multi-tier terminal with screw connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>



| Description                       | Type             | Part.No.      | Std. Pack |
|-----------------------------------|------------------|---------------|-----------|
| Installation rail terminal blocks | WKI 4 D-D-SL /V0 | 56.404.9855.0 | 50        |
| Installation rail terminal blocks | WKI 4 N-D-SL /V0 | 56.404.9455.0 | 50        |

#### GENERAL DATA

|                                       |                                                                                     |           |           |
|---------------------------------------|-------------------------------------------------------------------------------------|-----------|-----------|
| Width / length / height, incl. TS 7.5 | 6 mm / 90 mm / 51.5 mm                                                              |           |           |
| Wire strip length                     | 7 mm                                                                                |           |           |
| Approvals                             |  |           |           |
| TECHNICAL DATA                        | IEC                                                                                 | UL        | CSA       |
|                                       | EN 60 947-7-1                                                                       |           |           |
| Cross section fine-stranded           | 0.5-4 mm <sup>2</sup>                                                               |           |           |
| Cross section solid/stranded          | 0.5 - 6 mm <sup>2</sup>                                                             |           |           |
| Cross-section, AWG                    |                                                                                     | 22-10 AWG | 22-10 AWG |
| Rated current                         | 26 A                                                                                | 24 A      | 25 A      |
| Rated voltage                         | 400 V                                                                               | 300 V     | 300 V     |
| Rated impulse voltage                 | 6 kV                                                                                |           |           |
| Pollution degree                      | 3                                                                                   |           |           |

| ACCESSORIES | Type                      | Part.No.      | Std. Pack |
|-------------|---------------------------|---------------|-----------|
| End plate   | API 4/2/V0                | 07.311.6555.0 | 10        |
| Partition   | TWI 4/V0                  | 07.311.6955.0 | 10        |
| Jumper bar  | 2-pole                    | 9703 / 6- 2   | 50        |
|             | 5-pole                    | 9703 / 6- 5   | 50        |
|             | insulated 12-pole         | IVB WKI 4-12  | 10        |
|             | sold by the meter 70-pole | 9703 / 6 M-70 | 10        |

## WKI 4 NT-D-SL

- Installation multi-tier terminal with screw connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>



| Description                       | Type                 | Part.No.      | Std. Pack |
|-----------------------------------|----------------------|---------------|-----------|
| Installation rail terminal blocks | WKI 4 NT -D-SL /V0   | 56.404.9555.0 | 50        |
|                                   | WKI 4 NT -D-SL GL/V0 | 56.404.9255.0 | 50        |

#### GENERAL DATA

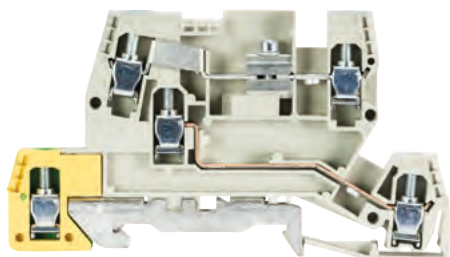
|                                       |                                                                                     |           |           |
|---------------------------------------|-------------------------------------------------------------------------------------|-----------|-----------|
| Width / length / height, incl. TS 7.5 | 6 mm / 90 mm / 51.5 mm                                                              |           |           |
| Wire strip length                     | 7 mm                                                                                |           |           |
| Approvals                             |  |           |           |
| TECHNICAL DATA                        | IEC                                                                                 | UL        | CSA       |
|                                       | EN 60 947-7-1                                                                       |           |           |
| Cross section fine-stranded           | 0.5-4 mm <sup>2</sup>                                                               |           |           |
| Cross section solid/stranded          | 0.5 - 6 mm <sup>2</sup>                                                             |           |           |
| Cross-section, AWG                    |                                                                                     | 22-10 AWG | 22-10 AWG |
| Rated current                         | 26 A                                                                                | 24 A      | 25 A      |
| Rated voltage                         | 400 V                                                                               | 300 V     | 300 V     |
| Rated impulse voltage                 | 6 kV                                                                                |           |           |
| Pollution degree                      | 3                                                                                   |           |           |

| ACCESSORIES | Type                      | Part.No.      | Std. Pack |
|-------------|---------------------------|---------------|-----------|
| End plate   | API 4/2/V0                | 07.311.6555.0 | 10        |
| Jumper bar  | 2-pole                    | 9703 / 6- 2   | 50        |
|             | 3-pole                    | 9703 / 6- 3   | 50        |
|             | insulated 12-pole         | IVB WKI 4-12  | 10        |
|             | sold by the meter 70-pole | 9703 / 6 M-70 | 10        |
| Busbar      | 9813 M 10X 3 1000MM       | 98.290.0000.0 | 1         |
|             | 9813 M SN 10X3 1000MM     | 98.290.1000.0 | 1         |

More accessories page 130 ff.

### WKI 4 NTN-D-SL

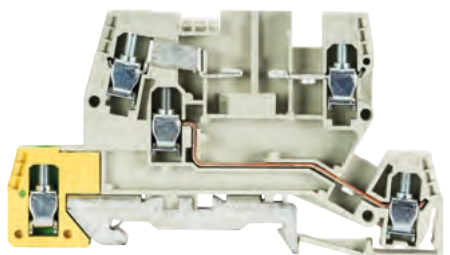
- Installation multi-tier terminal with screw connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
- The busbar cannot pass by on the outside. These two terminals should therefore be placed at the start or end of a terminal group.



| Description                           | Type                                    | Part.No.      | Std. Pack |
|---------------------------------------|-----------------------------------------|---------------|-----------|
| Installation rail terminal blocks     | WKI 4 NTN-D-SL /V0                      | 56.404.9155.0 | 50        |
| <b>GENERAL DATA</b>                   |                                         |               |           |
| Width / length / height, incl. TS 7.5 | 6 mm / 90 mm / 51.5 mm                  |               |           |
| Wire strip length                     | 7 mm                                    |               |           |
| Approvals                             | CE, TÜV                                 |               |           |
| <b>TECHNICAL DATA</b>                 |                                         |               |           |
|                                       | IEC                                     | UL            | CSA       |
|                                       | EN 60 947-7-1                           |               |           |
| Cross section fine-stranded           | 0.5-4 mm <sup>2</sup>                   |               |           |
| Cross section solid/stranded          | 0.5 - 6 mm <sup>2</sup>                 |               |           |
| Cross-section, AWG                    |                                         | 22-10 AWG     | 22-10 AWG |
| Rated current                         | 26 A                                    | 24 A          | 25 A      |
| Rated voltage                         | 400 V                                   | 300 V         | 300 V     |
| Rated impulse voltage                 | 6 kV                                    |               |           |
| Pollution degree                      | 3                                       |               |           |
| <b>ACCESSORIES</b>                    |                                         |               |           |
| End plate                             | API 4/3/V0                              | 07.311.6855.0 | 10        |
| Jumper bar                            | 2-pole 9703 / 6- 2                      | Z7.211.0227.0 | 50        |
|                                       | 3-pole 9703 / 6- 3                      | Z7.211.0327.0 | 50        |
|                                       | insulated 12-pole IVB WKI 4-12          | Z7.271.5227.0 | 10        |
|                                       | sold by the meter 70-pole 9703 / 6 M-70 | Z7.211.0027.0 | 10        |

### WKI 4 TKG-D-SL

- Multi-tier fuse terminal with screw connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
- The busbar cannot pass by on the outside. The terminal should therefore be placed at the start or end of a terminal group.



| Description                           | Type                                    | Part.No.      | Std. Pack |
|---------------------------------------|-----------------------------------------|---------------|-----------|
| Installation rail terminal blocks     | WKI 4 TKG-D-SL /V0                      | 56.404.8855.0 | 50        |
| <b>GENERAL DATA</b>                   |                                         |               |           |
| Width / length / height, incl. TS 7.5 | 6 mm / 90 mm / 51.5 mm                  |               |           |
| Wire strip length                     | 7 mm                                    |               |           |
| Approvals                             | CE, TÜV                                 |               |           |
| <b>TECHNICAL DATA</b>                 |                                         |               |           |
|                                       | IEC                                     | UL            | CSA       |
|                                       | EN 60 947-7-1                           |               |           |
| Cross section fine-stranded           | 0.5-4 mm <sup>2</sup>                   |               |           |
| Cross section solid/stranded          | 0.5 - 6 mm <sup>2</sup>                 |               |           |
| Cross-section, AWG                    |                                         | 22-10 AWG     | 22-10 AWG |
| Rated current                         | 26 A                                    | 12 A          | 12 A      |
| Rated voltage                         | 400 V                                   | 300 V         | 300 V     |
| Rated impulse voltage                 | 6 kV                                    |               |           |
| Pollution degree                      | 3                                       |               |           |
| <b>ACCESSORIES</b>                    |                                         |               |           |
| End plate                             | API 4/3/V0                              | 07.311.6855.0 | 10        |
| Jumper bar                            | 2-pole 9703 / 6- 2                      | Z7.211.0227.0 | 50        |
|                                       | 5-pole 9703 / 6- 5                      | Z7.211.0527.0 | 50        |
|                                       | insulated 12-pole IVB WKI 4-12          | Z7.271.5227.0 | 10        |
|                                       | sold by the meter 70-pole 9703 / 6 M-70 | Z7.211.0027.0 | 10        |

### FUSE HOLDER

- Fuse holder for built-in in WKI 4 TKG-D-SL
- Nominal current in accordance with VDE 0820 T2/ EN 60 127-2 with use of 1.6 W – 6.3 A, for individual terminal – 4 A with terminals directly next to each other
- Voltage and current are determined through the installed lamp display and the fuse insert used.

| Description                        | Type      | Part.No.      | Std. Pack |
|------------------------------------|-----------|---------------|-----------|
| Fuse holder for fuse 5 x 20        | Si ST     | Z1.299.4055.0 | 10        |
| Fuse holder with indicator (24 V)  | Si ST LED | Z1.299.4155.0 | 10        |
| Fuse holder with indicator (220 V) | Si ST GL  | Z1.299.4255.0 | 10        |

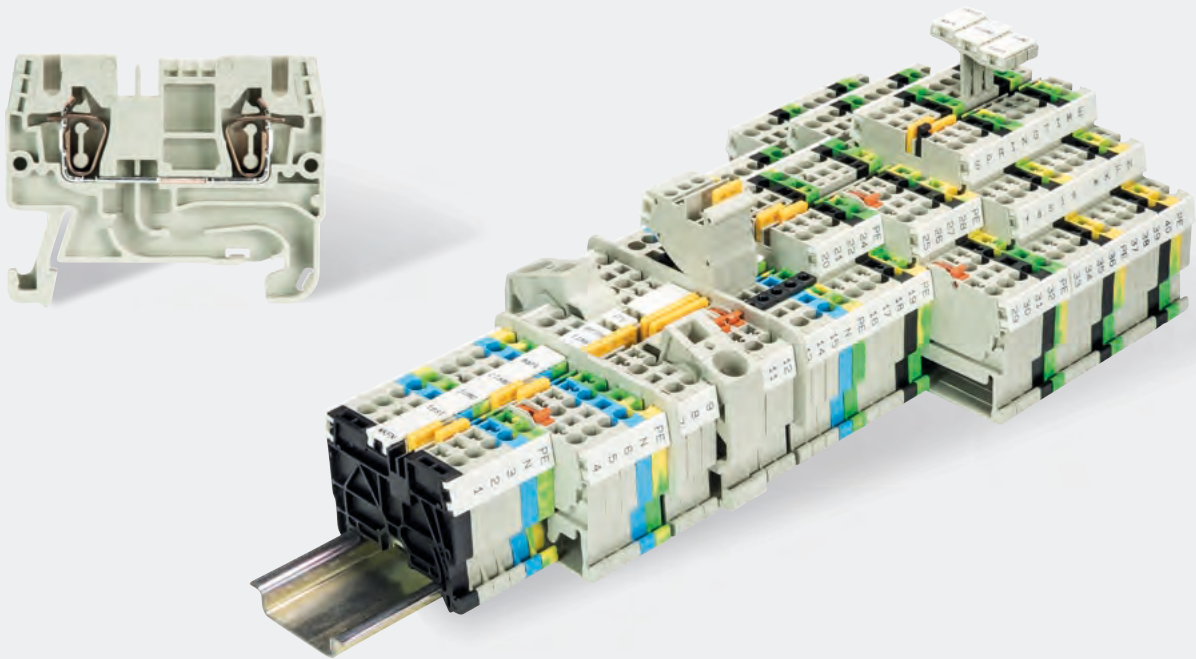


# FASIS WKFN – DIN RAIL TERMINAL BLOCKS WITH TENSION SPRING CONNECTION

fasis WKFN are DIN rail terminal block with tension spring technology:

They are easy to operate, saves time and costs during wiring and reduces inventory costs, and guarantees vibration-proof and maintenance-free connections with high contact forces.

fasis WKFN has been designed for use in machinery and plant construction as well as hazardous locations subject to explosion.



- + Includes Feed-through and ground blocks with 2, 3 or 4 termination point
- + Multi-tier blocks in two- and three-tier designs
- + Knife-edge disconnect blocks in one- and two-tier designs and fuse blocks
- + Specialty function blocks are available with application-specific diode circuits



## PERFORMANCE FEATURES

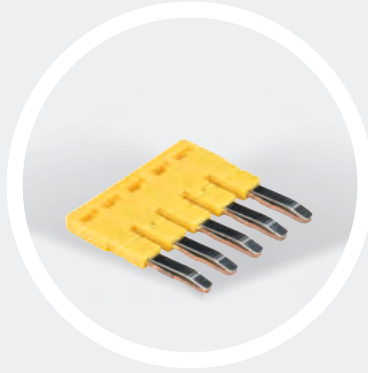
- + Connection cross-sections: up to 35 mm<sup>2</sup>
- + Rated current: up to 125 A IEC / 115 A UL, CSA
- + Rated voltage: up to 800 V IEC / 600 V UL, CSA

# FASIS – DIN RAIL TERMINAL BLOCKS WITH TENSION SPRING CONNECTION



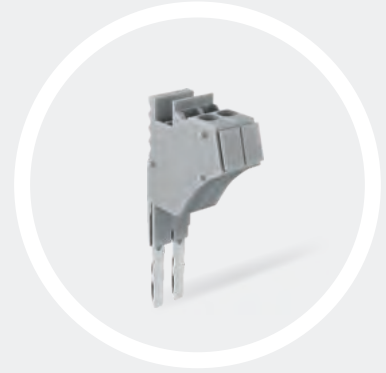
## Plug & Play in the control cabinet

- Plug-in system – fasisCON
- 32 A and 4 mm<sup>2</sup> on only 5 mm width



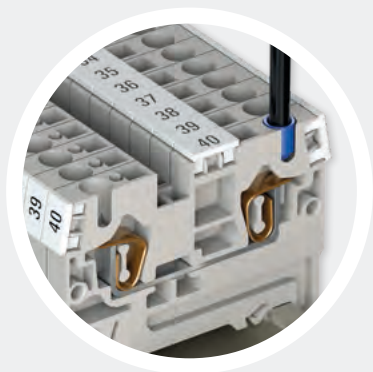
## Completing the Concept

- Dual jumpering channels
- Plug-in jumper bars
- Potential distribution by supply block up to 76 A



## Easy testing

- Function check via modular test adapter
- Integrated test jacks in all blocks



## FEATURES

- + Vibration-proof
- + Maintenance-free
- + High contact force

## Durable and maintenance-free connection

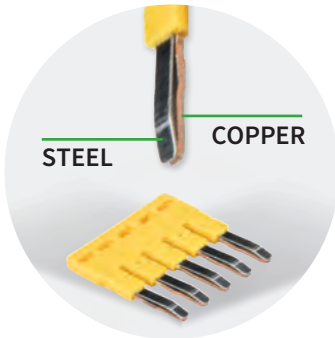
- Tension spring connection resistant to vibration
- Connect with and without ferrules

## Fine-stranded wire perfectly connected

- Simple operation with a standard screwdriver
- Screwdriver is held securely in the terminal for optimal handling while connecting wires



## JUMPERING SYSTEM – PERFECT TECHNOLOGY



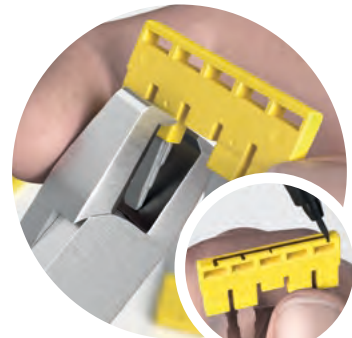
### Perfect technology

- Copper current bar guarantees low contact resistance
- Steel spring guarantees strength, durability, and long-term stability



### Extremely rugged!

- Indestructible steel spring
- Vibration-proof connection



### Simple customization

- Individual-poles easy to remove
- Circuits easy to identify

## ACCESSORIES + MARKING SYSTEM SAFELY CONNECT + IDENTIFY



### The accessories

- Snap-on covers with warning symbols
- Wieland screwdriver for optimal operation of spring tension terminals
- Wire entry guide strips for secure connection of wires smaller than 1 mm<sup>2</sup>



### Marking tags – Individual

- Individual labeling with minimum effort
- Ideal for service and maintenance



### Marking strips – Dependable

- Maximum hold to the terminal
- Solidify integrity of rail assembly



# FASIS WKFN · FEED-THROUGH BLOCKS WITH TENSION SPRING CONNECTION

## WKF 1,5/35

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm<sup>2</sup>
- Ex e II  II 2GD  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                       | Part No.        | Std. Pack                  |
|---------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------|----------------------------|
| Feed-through block                    | gray                                                                                                       | WKF 1,5/35      | 56.702.0053.0              |
| Feed-through block                    | blue                                                                                                       | WKF 1,5/35 BLAU | 56.702.0053.6              |
| <b>GENERAL DATA</b>                   |                                                                                                            |                 |                            |
| Width / length / height, incl. TS 7.5 | 4 mm / 49 mm / 37 mm                                                                                       |                 |                            |
| Wire strip length                     | 10 mm                                                                                                      |                 |                            |
| Approvals                             | ATEX  KEMA 03 ATEX 2056 U |                 |                            |
| <b>TECHNICAL DATA</b>                 |                                                                                                            | IEC             | UL                         |
|                                       |                                                                                                            | EN 60 947-7-1   | EN 60 079-0/-7             |
| Cross section fine-stranded           | 0.08 – 1.5 mm <sup>2</sup>                                                                                 |                 | 0.14 – 1.5 mm <sup>2</sup> |
| Cross section solid/stranded          | 0.08 – 1.5 mm <sup>2</sup>                                                                                 |                 | 0.14 – 1.5 mm <sup>2</sup> |
| Cross section, AWG                    | 26 – 14                                                                                                    |                 | 26 – 14                    |
| Rated current                         | 17.5 A                                                                                                     | 15 A            | 15 A                       |
| Rated voltage                         | 500 V                                                                                                      | 300 V           | 300 V                      |
| Rated impulse voltage                 | 6 kV                                                                                                       |                 |                            |
| Pollution degree                      | 3                                                                                                          |                 |                            |
| <b>ACCESSORIES</b>                    |                                                                                                            | Part No.        | Std. Pack                  |
| End plate                             | gray                                                                                                       | APF 1,5         | 07.312.8153.0              |

## WKF 1,5 D1/2/35

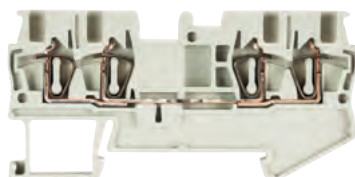
- Duo feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm<sup>2</sup>
- Ex e II  II 2GD  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                         | Part No.             | Std. Pack                  |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------|----------------------------|
| Feed-through block                    | gray                                                                                                         | WKF 1,5 D1/2/35      | 56.702.5053.0              |
| Feed-through block                    | blue                                                                                                         | WKF 1,5 D1/2/35 BLAU | 56.702.5053.6              |
| <b>GENERAL DATA</b>                   |                                                                                                              |                      |                            |
| Width / length / height, incl. TS 7.5 | 4 mm / 60 mm / 37 mm                                                                                         |                      |                            |
| Wire strip length                     | 10 mm                                                                                                        |                      |                            |
| Approvals                             | ATEX  KEMA 03 ATEX 2056 U |                      |                            |
| <b>TECHNICAL DATA</b>                 |                                                                                                              | IEC                  | UL                         |
|                                       |                                                                                                              | EN 60 947-7-1        | EN 60 079-0/-7             |
| Cross section fine-stranded           | 0.08 – 1.5 mm <sup>2</sup>                                                                                   |                      | 0.14 – 1.5 mm <sup>2</sup> |
| Cross section solid/stranded          | 0.08 – 1.5 mm <sup>2</sup>                                                                                   |                      | 0.14 – 1.5 mm <sup>2</sup> |
| Cross section, AWG                    | 26 – 14                                                                                                      |                      | 26 – 14                    |
| Rated current                         | 17.5 A                                                                                                       | 15 A                 | 15 A                       |
| Rated voltage                         | 500 V                                                                                                        | 300 V                | 300 V                      |
| Rated impulse voltage                 | 6 kV                                                                                                         |                      |                            |
| Pollution degree                      | 3                                                                                                            |                      |                            |
| <b>ACCESSORIES</b>                    |                                                                                                              | Part No.             | Std. Pack                  |
| End plate                             | gray                                                                                                         | APF 1,5 D1/2         | 07.312.8353.0              |

## WKF 1,5 D2/2/35

- Duo feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm<sup>2</sup>
- Ex e II  II 2GD  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                         | Part No.             | Std. Pack                  |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------|----------------------------|
| Feed-through block                    | gray                                                                                                         | WKF 1,5 D2/2/35      | 56.702.5153.0              |
| Feed-through block                    | blue                                                                                                         | WKF 1,5 D2/2/35 BLAU | 56.702.5153.6              |
| <b>GENERAL DATA</b>                   |                                                                                                              |                      |                            |
| Width / length / height, incl. TS 7.5 | 4 mm / 72 mm / 37 mm                                                                                         |                      |                            |
| Wire strip length                     | 10 mm                                                                                                        |                      |                            |
| Approvals                             | ATEX  KEMA 03 ATEX 2056 U |                      |                            |
| <b>TECHNICAL DATA</b>                 |                                                                                                              | IEC                  | UL                         |
|                                       |                                                                                                              | EN 60 947-7-1        | EN 60 079-0/-7             |
| Cross section fine-stranded           | 0.08 – 1.5 mm <sup>2</sup>                                                                                   |                      | 0.14 – 1.5 mm <sup>2</sup> |
| Cross section solid/stranded          | 0.08 – 1.5 mm <sup>2</sup>                                                                                   |                      | 0.14 – 1.5 mm <sup>2</sup> |
| Cross section, AWG                    | 26 – 14                                                                                                      |                      | 26 – 14                    |
| Rated current                         | 17.5 A                                                                                                       | 15 A                 | 15 A                       |
| Rated voltage                         | 500 V                                                                                                        | 300 V                | 300 V                      |
| Rated impulse voltage                 | 6 kV                                                                                                         |                      |                            |
| Pollution degree                      | 3                                                                                                            |                      |                            |
| <b>ACCESSORIES</b>                    |                                                                                                              | Part No.             | Std. Pack                  |
| End plate                             | gray                                                                                                         | APF 1,5 D2/2         | 07.312.8553.0              |



## ACCESSORIES FOR FASIS WKF 1,5



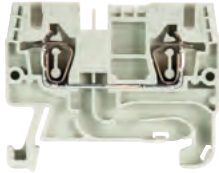
| Accessories                | Type               | Part No.         | Std. Pack     |    |
|----------------------------|--------------------|------------------|---------------|----|
| Cross connector, insulated | 2-pole             | IVB WKF 1,5 – 2  | Z7.268.0227.0 | 10 |
|                            | 3-pole             | IVB WKF 1,5 – 3  | Z7.268.0327.0 | 10 |
|                            | 4-pole             | IVB WKF 1,5 – 4  | Z7.268.0427.0 | 10 |
|                            | 5-pole             | IVB WKF 1,5 – 5  | Z7.268.0527.0 | 10 |
|                            | 10-pole            | IVB WKF 1,5 – 10 | Z7.268.1027.0 | 10 |
| Screwdriver, uninsulated   | DIN 5264 B 0,4x2,5 |                  | 06.502.4300.0 | 5  |

<sup>\*)</sup> For maintaining the proper isolation distances, the open side of a feed-through terminal block as well as both sides of a jumper are to be covered by partitions.  
<sup>3)</sup> Rated current when using cross connectors

# FASIS WKFN · FEED-THROUGH BLOCKS WITH TENSION SPRING CONNECTION

## WKFN 2,5/35

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description        | Type                  | Part No.      | Std. Pack |
|--------------------|-----------------------|---------------|-----------|
| Feed-through block | gray WKFN 2,5/35      | 56.703.0055.0 | 100       |
| Feed-through block | blue WKFN 2,5/35 BLAU | 56.703.0055.6 | 100       |

| GENERAL DATA                          |                                                                                                                                                                                                                                                                                                                                                                  |       |       |                                                                                     |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 47 mm / 38 mm                                                                                                                                                                                                                                                                                                                                             |       |       |                                                                                     |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                                            |       |       |                                                                                     |
| Approvals                             | PTB    USA-Ex  CAN-Ex |       |       | PTB 04 ATEX 1051 U                                                                  |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                                                                                              | UL    | CSA   |  |
|                                       | EN 60 947-1-1                                                                                                                                                                                                                                                                                                                                                    |       |       |                                                                                     |
| Cross section fine-stranded           | 0.13 – 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                       |       |       |                                                                                     |
| Cross section solid/stranded          | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                         |       |       |                                                                                     |
| Cross section, AWG                    | 22 – 12                                                                                                                                                                                                                                                                                                                                                          |       |       |                                                                                     |
| Rated current                         | 24 A                                                                                                                                                                                                                                                                                                                                                             | 20 A  | 24 A  | 22 A <sup>1)</sup>                                                                  |
| Rated voltage                         | 800 V                                                                                                                                                                                                                                                                                                                                                            | 600 V | 600 V | 550 V                                                                               |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                                                                                                             |       |       |                                                                                     |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                                |       |       |                                                                                     |
| <b>Note</b>                           |                                                                                                                                                                                                                                                                                                                                                                  |       |       | <sup>1)</sup> for 40 K and 45 K                                                     |

| ACCESSORIES | Type               | Part No.      | Std. Pack |
|-------------|--------------------|---------------|-----------|
| End plate   | gray APFN 2,5      | 07.312.6755.0 | 10        |
| End plate   | blue APFN 2,5 BLAU | 07.312.6755.6 | 10        |
| Partition   | gray TWFN 2,5      | 07.312.6855.0 | 10        |

## WKFN 2,5 D1/2/35

- Duo feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description        | Type                       | Part No.      | Std. Pack |
|--------------------|----------------------------|---------------|-----------|
| Feed-through block | gray WKFN 2,5 D1/2/35      | 56.703.5055.0 | 100       |
| Feed-through block | blue WKFN 2,5 D1/2/35 BLAU | 56.703.5055.6 | 100       |

| GENERAL DATA                          |                                                                                                                                                                                                                                                                                                                                                                          |       |       |                                                                                       |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|---------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 60 mm / 38 mm                                                                                                                                                                                                                                                                                                                                                     |       |       |                                                                                       |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                                                    |       |       |                                                                                       |
| Approvals                             | PTB    USA-Ex  CAN-Ex |       |       | PTB 04 ATEX 1051 U                                                                    |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                                                                                                      | UL    | CSA   |  |
|                                       | EN 60 947-1-1                                                                                                                                                                                                                                                                                                                                                            |       |       |                                                                                       |
| Cross section fine-stranded           | 0.13 – 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                               |       |       |                                                                                       |
| Cross section solid/stranded          | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                 |       |       |                                                                                       |
| Cross section, AWG                    | 22 – 12                                                                                                                                                                                                                                                                                                                                                                  |       |       |                                                                                       |
| Rated current                         | 24 A                                                                                                                                                                                                                                                                                                                                                                     | 20 A  | 24 A  | 22 A <sup>1)</sup>                                                                    |
| Rated voltage                         | 800 V                                                                                                                                                                                                                                                                                                                                                                    | 600 V | 600 V | 550 V                                                                                 |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                                                                                                                     |       |       |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                                        |       |       |                                                                                       |
| <b>Note</b>                           |                                                                                                                                                                                                                                                                                                                                                                          |       |       | <sup>1)</sup> for 40 K and 45 K                                                       |

| ACCESSORIES | Type                    | Part No.      | Std. Pack |
|-------------|-------------------------|---------------|-----------|
| End plate   | gray APFN 2,5 D1/2      | 07.312.6955.0 | 10        |
| End plate   | blue APFN 2,5 D1/2 BLAU | 07.312.6955.6 | 10        |
| Partition   | gray TWFN 2,5 D1/2      | 07.312.7055.0 | 10        |

## WKFN 2,5 D2/2/35

- Duo feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description        | Type                       | Part No.      | Std. Pack |
|--------------------|----------------------------|---------------|-----------|
| Feed-through block | gray WKFN 2,5 D2/2/35      | 56.703.5155.0 | 100       |
| Feed-through block | blue WKFN 2,5 D2/2/35 BLAU | 56.703.5155.6 | 100       |

| GENERAL DATA                          |                                                                                                                                                                                                                                                                                                                                                                          |       |       |                                                                                       |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|---------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 72 mm / 38 mm                                                                                                                                                                                                                                                                                                                                                     |       |       |                                                                                       |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                                                    |       |       |                                                                                       |
| Approvals                             | PTB    USA-Ex  CAN-Ex |       |       | PTB 04 ATEX 1051 U                                                                    |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                                                                                                      | UL    | CSA   |  |
|                                       | EN 60 947-1-1                                                                                                                                                                                                                                                                                                                                                            |       |       |                                                                                       |
| Cross section fine-stranded           | 0.13 – 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                               |       |       |                                                                                       |
| Cross section solid/stranded          | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                 |       |       |                                                                                       |
| Cross section, AWG                    | 22 – 12                                                                                                                                                                                                                                                                                                                                                                  |       |       |                                                                                       |
| Rated current                         | 24 A                                                                                                                                                                                                                                                                                                                                                                     | 20 A  | 24 A  | 22 A <sup>1)</sup>                                                                    |
| Rated voltage                         | 800 V                                                                                                                                                                                                                                                                                                                                                                    | 600 V | 600 V | 550 V                                                                                 |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                                                                                                                     |       |       |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                                        |       |       |                                                                                       |
| <b>Note</b>                           |                                                                                                                                                                                                                                                                                                                                                                          |       |       | <sup>1)</sup> for 40 K and 45 K                                                       |

| ACCESSORIES | Type                    | Part No.      | Std. Pack |
|-------------|-------------------------|---------------|-----------|
| End plate   | gray APFN 2,5 D2/2      | 07.312.7155.0 | 10        |
| End plate   | blue APFN 2,5 D2/2 BLAU | 07.312.7155.6 | 10        |
| Partition   | gray TWFN 2,5 D2/2      | 07.312.7255.0 | 10        |

# FASIS WKFN · SUPPLY BLOCK

## WKF 16/35 PV/WKFN

- Supply block for mounting on TS 35
- Nominal cross section 16 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description         | Type                   | Part No.      | Std. Pack |
|---------------------|------------------------|---------------|-----------|
| Power feed-in block | gray WKF 16/35 PV/WKFN | 56.716.0353.0 | 20        |

### GENERAL DATA

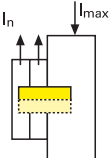
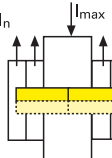
|                                       |                                                                                                                                                                                          |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 12 mm / 82 mm / 48 mm                                                                                                                                                                    |
| Wire strip length                     | 15 mm                                                                                                                                                                                    |
| Approvals                             |   KEMA 01 ATEX 2087 U |

| TECHNICAL DATA               | IEC                    | UL     | CSA    |  |
|------------------------------|------------------------|--------|--------|-------------------------------------------------------------------------------------|
|                              | EN 60 947-7-1          |        |        | EN 60 079-0/-7                                                                      |
| Cross section fine-stranded  | 4 – 16 mm <sup>2</sup> |        |        | 4 – 16 mm <sup>2</sup>                                                              |
| Cross section solid/stranded | 4 – 16 mm <sup>2</sup> |        |        | 4 – 16 mm <sup>2</sup>                                                              |
| Cross section, AWG           |                        | 24 – 4 | 12 – 4 |                                                                                     |
| Rated current                | 76 A                   | 75 A   | 78 A   | 64 A <sup>*)</sup>                                                                  |
| Rated voltage                | 800 V                  | 600 V  | 600 V  | 690 V                                                                               |
| Rated impulse voltage        | 8 kV                   |        |        |                                                                                     |
| Pollution degree             | 3                      |        |        |                                                                                     |

**Note** \* Type-specific output currents upon request

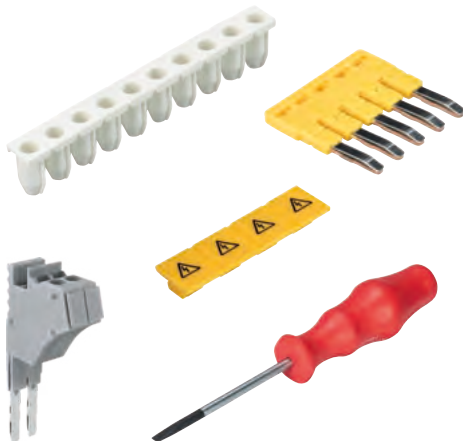
| ACCESSORIES                             | Type               | Part No.      | Std. Pack |
|-----------------------------------------|--------------------|---------------|-----------|
| Cover with warning symbol over 4 blocks | ADF 16/4 GELB      | 04.343.6653.8 | 10        |
| Screwdriver, uninsulated                | DIN 5264 B 1,0x5,5 | 06.502.4200.0 | 5         |

- Potential distribution with standard cross connector IVB WKF 2.5...
- Parallel connection of two cross connectors → double jumpering
- Potential distributions are possible on one or both sides

|                        |                                                                                    |        |                                                                                     |        |
|------------------------|------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|--------|
| Potential-distribution |  |        |  |        |
| Jumpering              | one side                                                                           |        | both sides                                                                          |        |
|                        | single                                                                             | double | single                                                                              | double |
| I <sub>max</sub>       | 48                                                                                 | 68     | 72                                                                                  | 76     |

$$I_{\max} = \sum I_n \leq I_{N \text{ block}}$$

## ACCESSORIES FOR FASIS WKFN 2,5



| ACCESSORIES                             | Type                                          | Part No.      | Std. Pack |
|-----------------------------------------|-----------------------------------------------|---------------|-----------|
| Cross connector, insulated              | 2-pole IVB WKF 2,5 – 2                        | Z7.280.6227.0 | 10        |
|                                         | 3-pole IVB WKF 2,5 – 3                        | Z7.280.6327.0 | 10        |
|                                         | 4-pole IVB WKF 2,5 – 4                        | Z7.280.6427.0 | 10        |
|                                         | 5-pole IVB WKF 2,5 – 5                        | Z7.280.6527.0 | 10        |
|                                         | 6-pole IVB WKF 2,5 – 6                        | Z7.280.6627.0 | 10        |
|                                         | 7-pole IVB WKF 2,5 – 7                        | Z7.280.6727.0 | 20        |
|                                         | 8-pole IVB WKF 2,5 – 8                        | Z7.280.6827.0 | 20        |
|                                         | 9-pole IVB WKF 2,5 – 9                        | Z7.280.6927.0 | 20        |
|                                         | 10-pole IVB WKF 2,5 – 10                      | Z7.280.7027.0 | 20        |
|                                         | 20-pole IVB WKF 2,5 – 20                      | Z7.280.8027.0 | 20        |
| Wire entry guide                        | 0.13 – 0.2 mm <sup>2</sup> LELN 2,5/1 WEISS   | 05.564.3755.0 | 100       |
|                                         | 0.25 – 0.5 mm <sup>2</sup> LELN 2,5/2 GRAU    | 05.564.3855.0 | 100       |
|                                         | 0.75 – 1.0 mm <sup>2</sup> LELN 2,5/3 SCHWARZ | 05.564.3955.0 | 100       |
| Cover with warning symbol over 4 blocks | yellow ADFN 2,5/4 GELB                        | 04.343.8353.8 | 10        |
| Test adapter, modular                   | PS WKC/F                                      | Z1.299.9753.0 | 10        |
| Test plug                               | ST 2/2,3                                      | Z5.553.2921.0 | 10        |
| Screwdriver, uninsulated                | DIN 5264 B 0,6x3,5                            | 06.502.4000.0 | 5         |
| Screwdriver, uninsulated, MINI          | DIN 5264 B 0,6x3,5 M                          | 06.502.5000.0 | 10        |

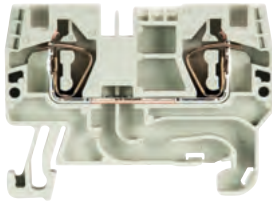
Technical information see FACTS & DATA page 158 ff.

Subject to technical modifications

# FASIS WKFN · FEED-THROUGH BLOCKS WITH TENSION SPRING CONNECTION

## WKFN 4/35

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



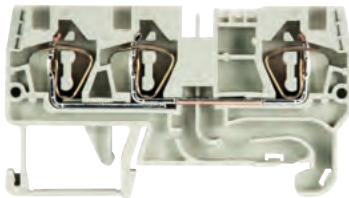
| Description        | Type                | Part No.      | Std. Pack |
|--------------------|---------------------|---------------|-----------|
| Feed-through block | gray WKFN 4/35      | 56.704.0055.0 | 100       |
| Feed-through block | blue WKFN 4/35 BLAU | 56.704.0055.6 | 100       |

| GENERAL DATA                          |                                                                                                                                                                                                                                                                                                                                                    |         |         |                                                                                     |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|-------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 51 mm / 38 mm                                                                                                                                                                                                                                                                                                                               |         |         |                                                                                     |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                              |         |         |                                                                                     |
| Approvals                             | PTB     CAN-Ex |         |         | PTB 05 ATEX 1104 U                                                                  |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                                                                                | UL      | CSA     |  |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                                                                                                                      |         |         | EN 60 079-0/-7                                                                      |
| Cross section fine-stranded           | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                           |         |         |                                                                                     |
| Cross section solid/stranded          | 0.13 – 6 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                           |         |         |                                                                                     |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                                                                                                    | 24 – 10 | 24 – 10 |                                                                                     |
| Rated current                         | 32 A                                                                                                                                                                                                                                                                                                                                               | 30 A    | 32 A    | 28/30 A <sup>1)</sup>                                                               |
| Rated voltage                         | 800 V                                                                                                                                                                                                                                                                                                                                              | 600 V   | 600 V   | 690 V                                                                               |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                                                                                               |         |         |                                                                                     |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                  |         |         |                                                                                     |
| <b>Note</b>                           |                                                                                                                                                                                                                                                                                                                                                    |         |         | <sup>1)</sup> 1. value at 40 K/<br>2. value at 45 K                                 |

| ACCESSORIES | Type             | Part No.      | Std. Pack |
|-------------|------------------|---------------|-----------|
| End plate   | gray APFN 4      | 07.312.9255.0 | 10        |
| End plate   | blue APFN 4 BLAU | 07.312.9255.6 | 10        |
| Partition   | gray TWFN 4      | 07.312.9355.0 | 10        |

## WKFN 4 D1/2/35

- Duo feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



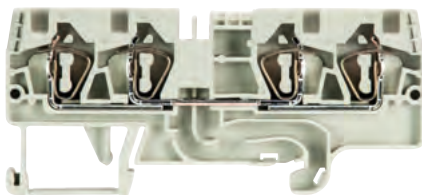
| Description        | Type                     | Part No.      | Std. Pack |
|--------------------|--------------------------|---------------|-----------|
| Feed-through block | gray WKFN 4 D1/2/35      | 56.704.5055.0 | 100       |
| Feed-through block | blue WKFN 4 D1/2/35 BLAU | 56.704.5055.6 | 100       |

| GENERAL DATA                          |                                                                                                                                                                                                                                                                                                                                                            |         |         |                                                                                       |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|---------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 67 mm / 38 mm                                                                                                                                                                                                                                                                                                                                       |         |         |                                                                                       |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                                      |         |         |                                                                                       |
| Approvals                             | PTB     CAN-Ex |         |         | PTB 05 ATEX 1104 U                                                                    |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                                                                                        | UL      | CSA     |  |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                                                                                                                              |         |         | EN 60 079-0/-7                                                                        |
| Cross section fine-stranded           | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                   |         |         |                                                                                       |
| Cross section solid/stranded          | 0.13 – 6 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                   |         |         |                                                                                       |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                                                                                                            | 24 – 10 | 24 – 10 |                                                                                       |
| Rated current                         | 32 A                                                                                                                                                                                                                                                                                                                                                       | 30 A    | 32 A    | 28/30 A <sup>1)</sup>                                                                 |
| Rated voltage                         | 800 V                                                                                                                                                                                                                                                                                                                                                      | 600 V   | 600 V   | 550 V                                                                                 |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                                                                                                       |         |         |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                          |         |         |                                                                                       |
| <b>Note</b>                           |                                                                                                                                                                                                                                                                                                                                                            |         |         | <sup>1)</sup> 1. value at 40 K/<br>2. value at 45 K                                   |

| ACCESSORIES | Type                  | Part No.      | Std. Pack |
|-------------|-----------------------|---------------|-----------|
| End plate   | gray APFN 4 D1/2      | 07.312.9455.0 | 10        |
| End plate   | blue APFN 4 D1/2 BLAU | 07.312.9455.6 | 10        |
| Partition   | gray TWFN 4 D1/2      | 07.312.9555.0 | 10        |

## WKFN 4 D2/2/35

- Duo feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description        | Type                     | Part No.      | Std. Pack |
|--------------------|--------------------------|---------------|-----------|
| Feed-through block | gray WKFN 4 D2/2/35      | 56.704.5155.0 | 100       |
| Feed-through block | blue WKFN 4 D2/2/35 BLAU | 56.704.5155.6 | 100       |

| GENERAL DATA                          |                                                                                                                                                                                                                                                                                                                                                            |         |         |                                                                                       |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|---------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 82 mm / 38 mm                                                                                                                                                                                                                                                                                                                                       |         |         |                                                                                       |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                                      |         |         |                                                                                       |
| Approvals                             | PTB     CAN-Ex |         |         | PTB 05 ATEX 1104 U                                                                    |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                                                                                        | UL      | CSA     |  |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                                                                                                                              |         |         | EN 60 079-0/-7                                                                        |
| Cross section fine-stranded           | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                   |         |         |                                                                                       |
| Cross section solid/stranded          | 0.13 – 6 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                   |         |         |                                                                                       |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                                                                                                            | 24 – 10 | 24 – 10 |                                                                                       |
| Rated current                         | 32 A                                                                                                                                                                                                                                                                                                                                                       | 30 A    | 32 A    | 28/30 A <sup>1)</sup>                                                                 |
| Rated voltage                         | 800 V                                                                                                                                                                                                                                                                                                                                                      | 600 V   | 600 V   | 550 V                                                                                 |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                                                                                                       |         |         |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                          |         |         |                                                                                       |
| <b>Note</b>                           |                                                                                                                                                                                                                                                                                                                                                            |         |         | <sup>1)</sup> 1. value at 40 K/<br>2. value at 45 K                                   |

| ACCESSORIES | Type                  | Part No.      | Std. Pack |
|-------------|-----------------------|---------------|-----------|
| End plate   | gray APFN 4 D2/2      | 07.312.9055.0 | 10        |
| End plate   | blue APFN 4 D2/2 BLAU | 07.312.9055.6 | 10        |
| Partition   | gray TWFN 4 D2/2      | 07.312.9155.0 | 10        |

## WKF 16/35 PV/WKFN

- Supply block for mounting on TS 35
- Nominal cross section 16 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description         | Type                   | Part No.      | Std. Pack |
|---------------------|------------------------|---------------|-----------|
| Power feed-in block | gray WKF 16/35 PV/WKFN | 56.716.0353.0 | 20        |

### GENERAL DATA

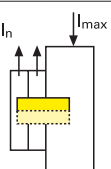
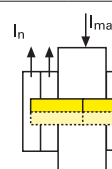
|                                       |                                                                                                                                                                                          |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 12 mm / 82 mm / 48 mm                                                                                                                                                                    |
| Wire strip length                     | 15 mm                                                                                                                                                                                    |
| Approvals                             |   KEMA 01 ATEX 2087 U |

| TECHNICAL DATA               | IEC                    | UL     | CSA    |  |
|------------------------------|------------------------|--------|--------|-------------------------------------------------------------------------------------|
|                              | EN 60 947-7-1          |        |        | EN 60 079-0/-7                                                                      |
| Cross section fine-stranded  | 4 – 16 mm <sup>2</sup> |        |        | 4 – 16 mm <sup>2</sup>                                                              |
| Cross section solid/stranded | 4 – 16 mm <sup>2</sup> |        |        | 4 – 16 mm <sup>2</sup>                                                              |
| Cross section, AWG           |                        | 24 – 4 | 12 – 4 |                                                                                     |
| Rated current                | 76 A                   | 75 A   | 78 A   | 64 A*                                                                               |
| Rated voltage                | 800 V                  | 600 V  | 600 V  | 690 V                                                                               |
| Rated impulse voltage        | 8 kV                   |        |        |                                                                                     |
| Pollution degree             | 3                      |        |        |                                                                                     |

**Note** \* Type-specific output currents upon request

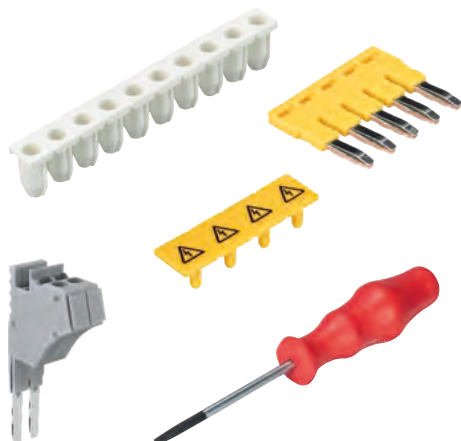
| ACCESSORIES                             | Type               | Part No.      | Std. Pack |
|-----------------------------------------|--------------------|---------------|-----------|
| Cover with warning symbol over 4 blocks | ADF 16/4 GELB      | 04.343.6653.8 | 10        |
| Screwdriver, uninsulated                | DIN 5264 B 1,0x5,5 | 06.502.4200.0 | 5         |

- Potential distribution with standard cross connector IVB WKF 4...
- Parallel connection of two cross connectors → double jumpering
- Potential distributions are possible on one or both sides

|                        |                                                                                    |        |                                                                                     |        |
|------------------------|------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------|--------|
| Potential distribution |  |        |  |        |
|                        | one side                                                                           |        | both sides                                                                          |        |
| Jumpering              | single                                                                             | double | single                                                                              | double |
| I <sub>max</sub>       | 64                                                                                 | 76     | 76                                                                                  | 76     |

$$I_{\max} = \sum I_n \leq \sum I_{N \text{ block}}$$

## ACCESSORIES FOR FASIS WKFN 4



| ACCESSORIES                             | Type                                       | Part No.      | Std. Pack |
|-----------------------------------------|--------------------------------------------|---------------|-----------|
| Cross connector, insulated              | 2-pole VB WKF 4 – 2                        | Z7.261.1227.0 | 10        |
|                                         | 3-pole IVB WKF 4 – 3                       | Z7.261.1327.0 | 10        |
|                                         | 4-pole IVB WKF 4 – 4                       | Z7.261.1427.0 | 10        |
|                                         | 5-pole IVB WKF 4 – 5                       | Z7.261.1527.0 | 10        |
|                                         | 6-pole IVB WKF 4 – 6                       | Z7.261.1627.0 | 10        |
|                                         | 7-pole IVB WKF 4 – 7                       | Z7.261.1727.0 | 20        |
|                                         | 8-pole IVB WKF 4 – 8                       | Z7.261.1827.0 | 20        |
|                                         | 9-pole IVB WKF 4 – 9                       | Z7.261.1927.0 | 20        |
|                                         | 10-pole IVB WKF 4 – 10                     | Z7.261.2027.0 | 20        |
| Wire entry guide                        | 0.13 – 0.2 mm <sup>2</sup> LEL 4/1 WEISS   | 05.561.8553.0 | 100       |
|                                         | 0.25 – 0.5 mm <sup>2</sup> LEL 4/2 GRAU    | 05.561.8653.0 | 100       |
|                                         | 0.75 – 1.0 mm <sup>2</sup> LEL 4/3 SCHWARZ | 05.561.8753.0 | 100       |
| Cover with warning symbol over 4 blocks | yellow ADF 4/4 GELB                        | 04.343.6153.8 | 10        |
| Test adapter, modular                   | PS WKC/F                                   | Z1.299.9753.0 | 10        |
| Test plug                               | ST 2/2,3                                   | Z5.553.2921.0 | 10        |
| Screwdriver, uninsulated                | DIN 5264 B 0,6x3,5                         | 06.502.4000.0 | 5         |
| Screwdriver, uninsulated, MINI          | DIN 5264 B 0,6x3,5 M                       | 06.502.5000.0 | 10        |

Technical information see FACTS & DATA page 158 ff.

Subject to technical modifications



# FASIS WKFN · FEED-THROUGH BLOCKS WITH TENSION SPRING CONNECTION

## WKFN 6/35

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 6 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description        | Type                | Part No.      | Std. Pack |
|--------------------|---------------------|---------------|-----------|
| Feed-through block | gray WKFN 6/35      | 56.706.0055.0 | 100       |
| Feed-through block | blue WKFN 6/35 BLAU | 56.706.0055.6 | 100       |

| GENERAL DATA                          |                                                                                                                                                                                                                                                                                    |       |       |                                                                                     |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 8 mm / 66 mm / 45 mm                                                                                                                                                                                                                                                               |       |       |                                                                                     |
| Wire strip length                     | 12 mm                                                                                                                                                                                                                                                                              |       |       |                                                                                     |
| Approvals                             | PTB    PTB 06 ATEX 1075 U |       |       |                                                                                     |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                | UL    | CSA   |  |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                                                      |       |       |                                                                                     |
| Cross section fine-stranded           | 0.2 – 6 mm <sup>2</sup>                                                                                                                                                                                                                                                            |       |       |                                                                                     |
| Cross section solid/stranded          | 1.5 – 10 mm <sup>2</sup>                                                                                                                                                                                                                                                           |       |       |                                                                                     |
| Cross section, AWG                    | 24 – 8                                                                                                                                                                                                                                                                             |       |       |                                                                                     |
| Rated current                         | 41 A                                                                                                                                                                                                                                                                               | 50 A  | 41 A  | 39/41 A*                                                                            |
| Rated voltage                         | 800 V                                                                                                                                                                                                                                                                              | 600 V | 600 V | 550 V                                                                               |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                               |       |       |                                                                                     |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                  |       |       |                                                                                     |
| <b>Note</b>                           |                                                                                                                                                                                                                                                                                    |       |       | * 1. value at 40 K/<br>2. value at 45 K                                             |

| ACCESSORIES | Type             | Part No.      | Std. Pack |
|-------------|------------------|---------------|-----------|
| End plate   | gray APFN 6      | 07.313.0455.0 | 10        |
| End plate   | blue APFN 6 BLAU | 07.313.0455.6 | 10        |
| Partition   | gray TWFN 6      | 07.313.0555.0 | 10        |

## WKFN 6 D1/2/35

- Duo-feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 6 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174

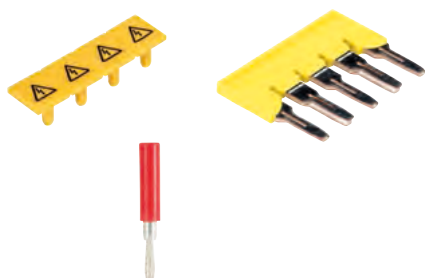


| Description        | Type                     | Part No.      | Std. Pack |
|--------------------|--------------------------|---------------|-----------|
| Feed-through block | gray WKFN 6 D1/2/35      | 56.706.5055.0 | 100       |
| Feed-through block | blue WKFN 6 D1/2/35 BLAU | 56.706.5055.6 | 100       |

| GENERAL DATA                          |                                                                                                                                                                                                                                                                                          |       |       |                                                                                       |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|---------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 8 mm / 90 mm / 45 mm                                                                                                                                                                                                                                                                     |       |       |                                                                                       |
| Wire strip length                     | 12 mm                                                                                                                                                                                                                                                                                    |       |       |                                                                                       |
| Approvals                             | PTB    PTB 06 ATEX 1075 U |       |       |                                                                                       |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                      | UL    | CSA   |  |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                                                            |       |       |                                                                                       |
| Cross section fine-stranded           | 0.2 – 6 mm <sup>2</sup>                                                                                                                                                                                                                                                                  |       |       |                                                                                       |
| Cross section solid/stranded          | 1.5 – 10 mm <sup>2</sup>                                                                                                                                                                                                                                                                 |       |       |                                                                                       |
| Cross section, AWG                    | 24 – 8                                                                                                                                                                                                                                                                                   |       |       |                                                                                       |
| Rated current                         | 41 A                                                                                                                                                                                                                                                                                     | 50 A  | 41 A  | 39/41 A*                                                                              |
| Rated voltage                         | 800 V                                                                                                                                                                                                                                                                                    | 600 V | 600 V | 550 V                                                                                 |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                                     |       |       |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                        |       |       |                                                                                       |
| <b>Note</b>                           |                                                                                                                                                                                                                                                                                          |       |       | * 1. value at 40 K/<br>2. value at 45 K                                               |

| ACCESSORIES | Type                  | Part No.      | Std. Pack |
|-------------|-----------------------|---------------|-----------|
| End plate   | gray APFN 6 D1/2      | 07.313.0655.0 | 10        |
| End plate   | blue APFN 6 D1/2 BLAU | 07.313.0655.6 | 10        |
| Partition   | gray TWFN 6 D1/2      | 07.313.0755.0 | 10        |

## ACCESSORIES FOR FASIS WKFN 6



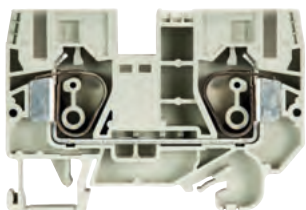
| ACCESSORIES                             | Type                  | Part No.      | Std. Pack |
|-----------------------------------------|-----------------------|---------------|-----------|
| Cross connector, insulated**            | 2-pole IVB WKFN 6 – 2 | Z7.282.5227.0 | 10        |
|                                         | 3-pole IVB WKFN 6 – 3 | Z7.282.5327.0 | 10        |
|                                         | 4-pole IVB WKFN 6 – 4 | Z7.282.5427.0 | 10        |
|                                         | 5-pole IVB WKFN 6 – 5 | Z7.282.5527.0 | 10        |
| Cover with warning symbol over 4 blocks | yellow ADF 6/4 GELB   | 04.343.6253.8 | 10        |
| Test plug                               | ST 2/2,3              | Z5.553.2921.0 | 10        |
| Screwdriver, uninsulated                | DIN 5264 B 0,8x4      | 06.502.4100.0 | 5         |

\*\* When cross connectors are used according to EN 60079-0 and EN 60079-7, the current must be reduced to max. 3.5 A.

## WKFN 10/35

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 10 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2
- Follow the EX installation instructions on page 174

<sup>3)</sup> Pls. note that the current must be reduced for EX applications.



| Description        | Type                 | Part No.      | Std. Pack |
|--------------------|----------------------|---------------|-----------|
| Feed-through block | gray WKFN 10/35      | 56.710.0055.0 | 50        |
| Feed-through block | blue WKFN 10/35 BLAU | 56.710.0055.6 | 50        |

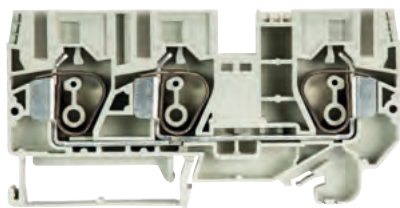
| GENERAL DATA                          |                                                                                                                                                                                                                                                                                 |       |       |                                                                                     |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 10 mm / 72 mm / 50 mm                                                                                                                                                                                                                                                           |       |       |                                                                                     |
| Wire strip length                     | 15 mm                                                                                                                                                                                                                                                                           |       |       |                                                                                     |
| Approvals                             | PTB    PTB 06 ATEX 1075 U |       |       |                                                                                     |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                             | UL    | CSA   |  |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                                                   |       |       |                                                                                     |
| Cross section fine-stranded           | 0.2 – 10 mm <sup>2</sup>                                                                                                                                                                                                                                                        |       |       |                                                                                     |
| Cross section solid/stranded          | 1.5 – 16 mm <sup>2</sup>                                                                                                                                                                                                                                                        |       |       |                                                                                     |
| Cross section, AWG                    | 16 – 6                                                                                                                                                                                                                                                                          |       |       |                                                                                     |
| Rated current                         | 57 A                                                                                                                                                                                                                                                                            | 60 A  | 65 A  | 52/57 A*                                                                            |
| Rated voltage                         | 800 V                                                                                                                                                                                                                                                                           | 600 V | 600 V | 550 V                                                                               |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                            |       |       |                                                                                     |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                               |       |       |                                                                                     |
| <b>Note</b>                           |                                                                                                                                                                                                                                                                                 |       |       | * 1. value at 40 K/<br>2. value at 45 K                                             |

| ACCESSORIES | Type              | Part No.      | Std. Pack |
|-------------|-------------------|---------------|-----------|
| End plate   | gray APFN 10      | 07.313.0855.0 | 10        |
| End plate   | blue APFN 10 BLAU | 07.313.0855.6 | 10        |
| Partition   | gray TWFN 10      | 07.313.0955.0 | 10        |

## WKFN 10 D1/2/35

- Duo-feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 10 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2
- Follow the EX installation instructions on page 174

<sup>3)</sup> Pls. note that the current must be reduced for EX applications.

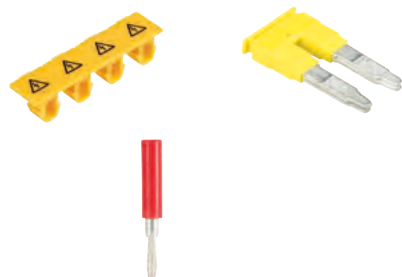


| Description        | Type                      | Part No.      | Std. Pack |
|--------------------|---------------------------|---------------|-----------|
| Feed-through block | gray WKFN 10 D1/2/35      | 56.710.5055.0 | 50        |
| Feed-through block | blue WKFN 10 D1/2/35 BLAU | 56.710.5055.6 | 50        |

| GENERAL DATA                          |                                                                                                                                                                                                                                                                                       |       |       |                                                                                       |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|---------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 10 mm / 98 mm / 50 mm                                                                                                                                                                                                                                                                 |       |       |                                                                                       |
| Wire strip length                     | 15 mm                                                                                                                                                                                                                                                                                 |       |       |                                                                                       |
| Approvals                             | PTB    PTB 06 ATEX 1075 U |       |       |                                                                                       |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                   | UL    | CSA   |  |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                                                         |       |       |                                                                                       |
| Cross section fine-stranded           | 0.2 – 10 mm <sup>2</sup>                                                                                                                                                                                                                                                              |       |       |                                                                                       |
| Cross section solid/stranded          | 1.5 – 16 mm <sup>2</sup>                                                                                                                                                                                                                                                              |       |       |                                                                                       |
| Cross section, AWG                    | 16 – 6                                                                                                                                                                                                                                                                                |       |       |                                                                                       |
| Rated current                         | 57 A                                                                                                                                                                                                                                                                                  | 60 A  | 65 A  | 52/57 A*                                                                              |
| Rated voltage                         | 1000 V                                                                                                                                                                                                                                                                                | 600 V | 600 V | 550 V                                                                                 |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                                  |       |       |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                     |       |       |                                                                                       |
| <b>Note</b>                           |                                                                                                                                                                                                                                                                                       |       |       | * 1. value at 40 K/<br>2. value at 45 K                                               |

| ACCESSORIES | Type                   | Part No.      | Std. Pack |
|-------------|------------------------|---------------|-----------|
| End plate   | gray APFN 10 D1/2      | 07.313.1055.0 | 10        |
| End plate   | blue APFN 10 D1/2 BLAU | 07.313.1055.6 | 10        |
| Partition   | gray TWFN 10 D1/2      | 07.313.1155.0 | 10        |

## ACCESSORIES FOR FASIS WKFN 10



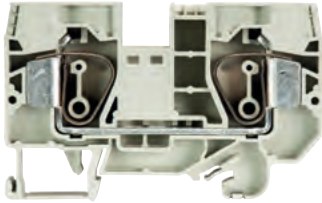
| ACCESSORIES                                      | Type   | Part No.         | Std. Pack     |    |
|--------------------------------------------------|--------|------------------|---------------|----|
| Cross connector, insulated**                     | 2-pole | IVB WKF 10 – 2   | Z7.283.8227.0 | 10 |
| Reducing jumper, WKF 35 to WKFN 10 <sup>3)</sup> |        | IVB WKFN 35R10   | Z7.285.6427.0 | 10 |
| Cover with warning symbol over 4 blocks          | yellow | ADF 10/4 GELB    | 04.343.6453.8 | 10 |
| Test plug                                        |        | ST 2/2,3         | Z5.553.2921.0 | 10 |
| Screwdriver, uninsulated                         |        | DIN 5264 B 1x5,5 | 06.502.4200.0 | 5  |

\*\* When cross connectors are used acc. to EN 60079-0 and EN 60079-7 the current must be reduced to 4 A/40 K or 5 A/45 K for type WKFN 10/35.

# FASIS WKFN · FEED-THROUGH BLOCKS WITH TENSION SPRING CONNECTION

## WKFN 16/35

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 16 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



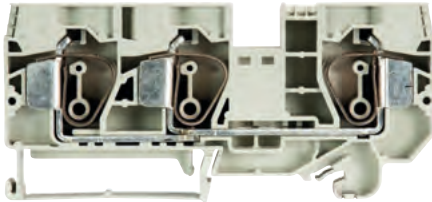
| Description        | Type                 | Part No.      | Std. Pack |
|--------------------|----------------------|---------------|-----------|
| Feed-through block | gray WKFN 16/35      | 56.716.0055.0 | 50        |
| Feed-through block | blue WKFN 16/35 BLAU | 56.716.0055.6 | 100       |

| GENERAL DATA                          |                                                                                                                                                                                                                                                                              |        |        |                                                                                     |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|-------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 12 mm / 79 mm / 50 mm                                                                                                                                                                                                                                                        |        |        |                                                                                     |
| Wire strip length                     | 16 mm                                                                                                                                                                                                                                                                        |        |        |                                                                                     |
| Approvals                             | PTB    PTB 06 ATEX 1075 U |        |        |                                                                                     |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                          | UL     | CSA    |  |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                                                |        |        | EN 60 079-0/-7                                                                      |
| Cross section fine-stranded           | 0.2 – 16 mm <sup>2</sup>                                                                                                                                                                                                                                                     |        |        |                                                                                     |
| Cross section solid/stranded          | 1.5 – 25 mm <sup>2</sup>                                                                                                                                                                                                                                                     |        |        |                                                                                     |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                              | 16 – 4 | 16 – 4 |                                                                                     |
| Rated current                         | 76 A                                                                                                                                                                                                                                                                         | 85 A   | 85 A   | 74/76 A*                                                                            |
| Rated voltage                         | 1000 V                                                                                                                                                                                                                                                                       | 600 V  | 600 V  | 550 V                                                                               |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                         |        |        |                                                                                     |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                            |        |        |                                                                                     |
| <b>Note</b>                           |                                                                                                                                                                                                                                                                              |        |        | * 1. value at 40 K/<br>2. value at 45 K                                             |

| ACCESSORIES                            | Type                  | Part No.      | Std. Pack |
|----------------------------------------|-----------------------|---------------|-----------|
| End plate                              | gray APFN 16          | 07.313.1255.0 | 10        |
| End plate                              | blue APFN 16 BLAU     | 07.313.1255.6 | 10        |
| Partition                              | gray TWFN 16          | 07.313.1355.0 | 10        |
| Cross connector, insulated**           | 2-pole IVB WKF 16 – 2 | Z7.284.4227.0 | 10        |
| Cover with warning symbol for 4 blocks | ADF 16/4 GELB         | 04.343.6653.8 | 10        |

## WKFN 16 D1/2/35

- Duo-feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 16 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description        | Type                      | Part No.      | Std. Pack |
|--------------------|---------------------------|---------------|-----------|
| Feed-through block | gray WKFN 16 D1/2/35      | 56.716.5055.0 | 50        |
| Feed-through block | blue WKFN 16 D1/2/35 BLAU | 56.716.5055.6 | 100       |

| GENERAL DATA                          |                                                                                                                                                                                                                                                                                    |        |        |                                                                                       |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|---------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 12 mm / 107 mm / 50 mm                                                                                                                                                                                                                                                             |        |        |                                                                                       |
| Wire strip length                     | 16 mm                                                                                                                                                                                                                                                                              |        |        |                                                                                       |
| Approvals                             | PTB    PTB 06 ATEX 1075 U |        |        |                                                                                       |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                | UL     | CSA    |  |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                                                      |        |        | EN 60 079-0/-7                                                                        |
| Cross section fine-stranded           | 0.2 – 16 mm <sup>2</sup>                                                                                                                                                                                                                                                           |        |        |                                                                                       |
| Cross section solid/stranded          | 1.5 – 25 mm <sup>2</sup>                                                                                                                                                                                                                                                           |        |        |                                                                                       |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                                    | 16 – 4 | 16 – 4 |                                                                                       |
| Rated current                         | 76 A                                                                                                                                                                                                                                                                               | 85 A   | 85 A   | 74/76 A*                                                                              |
| Rated voltage                         | 1000 V                                                                                                                                                                                                                                                                             | 600 V  | 600 V  | 550 V                                                                                 |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                               |        |        |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                  |        |        |                                                                                       |
| <b>Note</b>                           |                                                                                                                                                                                                                                                                                    |        |        | * 1. value at 40 K/<br>2. value at 45 K                                               |

| ACCESSORIES                            | Type                   | Part No.      | Std. Pack |
|----------------------------------------|------------------------|---------------|-----------|
| End plate                              | gray APFN 16 D1/2      | 07.313.1455.0 | 10        |
| End plate                              | blue APFN 16 D1/2 BLAU | 07.313.1455.6 | 10        |
| Partition                              | gray TWFN 16 D1/2      | 07.313.1555.0 | 10        |
| Cross connector, insulated**           | 2-pole IVB WKF 16 – 2  | Z7.284.4227.0 | 10        |
| Cover with warning symbol for 4 blocks | ADF 16/4 GELB          | 04.343.6653.8 | 10        |

## WKF 35/35

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 35 mm<sup>2</sup>
- Ex e II  II 2GD  
Follow the EX installation instructions on page 174



| Description        | Type                | Part No.      | Std. Pack |
|--------------------|---------------------|---------------|-----------|
| Feed-through block | gray WKF 35/35      | 56.735.0053.0 | 10        |
| Feed-through block | blue WKF 35/35 BLAU | 56.735.0053.6 | 10        |

| GENERAL DATA                          |                                                                                                                                                                                                                                                                                      |        |        |                                                                                       |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------|---------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 16 mm / 100 mm / 59 mm                                                                                                                                                                                                                                                               |        |        |                                                                                       |
| Wire strip length                     | 25 mm                                                                                                                                                                                                                                                                                |        |        |                                                                                       |
| Approvals                             | ATEX    KEMA 03 ATEX 2057 U |        |        |                                                                                       |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                  | UL     | CSA    |  |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                                                        |        |        | EN 60 079-0/-7                                                                        |
| Cross section fine-stranded           | 2.5 – 35 mm <sup>2</sup>                                                                                                                                                                                                                                                             |        |        |                                                                                       |
| Cross section solid/stranded          | 2.5 – 35 mm <sup>2</sup>                                                                                                                                                                                                                                                             |        |        |                                                                                       |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                                      | 12 – 2 | 12 – 2 |                                                                                       |
| Rated current                         | 125 A                                                                                                                                                                                                                                                                                | 115 A  | 115 A  | 92/108 A <sup>1)</sup>                                                                |
| Rated voltage                         | 800 V                                                                                                                                                                                                                                                                                | 600 V  | 600 V  | 690 V                                                                                 |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                                 |        |        |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                    |        |        |                                                                                       |
| <b>Note</b>                           |                                                                                                                                                                                                                                                                                      |        |        | <sup>1)</sup> with/without jumper                                                     |

| ACCESSORIES                | Type                | Part No.      | Std. Pack |
|----------------------------|---------------------|---------------|-----------|
| Cross connector, insulated | 2-pole IVB WKF 35-2 | Z7.285.6227.0 | 10        |

More accessories page 130 ff.

Subject to technical modifications

# FASIS WKFN · POTENTIAL SUPPLY WITH FEED-THROUGH BLOCKS UP TO 35 MM<sup>2</sup>

$I_{\max E}$ :  $I_{\max}$  supply  
 $I_{\max R}$ :  $I_{\text{reducing cross connector}}$   
 $I_{N-A}$ :  $I_N$  output terminal blocks

|                                       |                          |               |                            |               |
|---------------------------------------|--------------------------|---------------|----------------------------|---------------|
|                                       |                          |               |                            |               |
| Potential distribution                | Distribution on one side |               | Distribution on both sides |               |
|                                       | 2-poles                  | several poles | 2-poles                    | several poles |
| 35-R-10 $I_{\max}$ supply             | 125 A                    | 125 A         | 125 A                      | 125 A         |
| $I_{\text{reducing cross connector}}$ | 57 A                     | 105 A         | 57 A                       | 105 A         |
| $I_N$ output terminal blocks          | 57 A                     | 57 A          | 57 A                       | 57 A          |

## POTENTIAL DISTRIBUTION 35 R 10

- Potential supply 35 mm<sup>2</sup>
- Reducing cross connector 35R10
- Potential output 10 mm<sup>2</sup>

| Function                               | Type                      | Part No.      | Std. Pack |
|----------------------------------------|---------------------------|---------------|-----------|
| Supply block                           | gray WKF 35 /35           | 56.735.0053.0 | 10        |
| Supply block                           | gray WKF 35 /35 BLAU      | 56.735.0053.6 | 10        |
| Reducing cross connector <sup>2)</sup> | IVB WKFN 35R10            | 27.285.6427.0 | 10        |
| Output block                           | gray WKFN 10 /35          | 56.710.0055.0 | 10        |
| Output block                           | blue WKFN 10 /35 BLAU     | 56.710.0055.6 | 10        |
| Output block                           | gray WKFN 10 D1/2/35      | 56.710.5055.0 | 10        |
| Output block                           | blue WKFN 10 D1/2/35 BLAU | 56.710.5055.6 | 10        |

<sup>2)</sup> When cross connectors are used acc. to EN 60079-0 and EN 60079-7 the current must be reduced (values to be requested)

## ACCESSORIES FOR FASIS WKFN 16 AND WKF 35



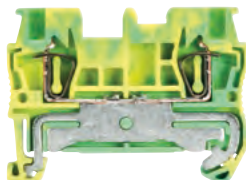
| ACCESSORIES              | Type             | Part No.      | Std. Pack |
|--------------------------|------------------|---------------|-----------|
| Test plug                | ST 2/2,3         | Z5.553.2921.0 | 10        |
| Screwdriver, uninsulated | DIN 5264 B 1x5,5 | 06.502.4200.0 | 5         |

\*\* When cross connectors are used according to EN 60079-0 and EN 60079-7, the current must be reduced to max. 3.5 A.

# FASIS WKFN · GROUND BLOCKS WITH TENSION SPRING CONNECTION

## WKF 1,5 SL/35

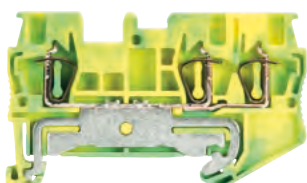
- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                                                                                                             | Part No.      | Std. Pack     |                                                                                     |          |           |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|-------------------------------------------------------------------------------------|----------|-----------|
| Ground block                          | green/yellow WKF 1,5 SL/35                                                                                                                                                                       | 56.702.9053.0 | 50            |                                                                                     |          |           |
| GENERAL DATA                          |                                                                                                                                                                                                  |               |               |                                                                                     |          |           |
| Width / length / height, incl. TS 7.5 | 4 mm / 49 mm / 37 mm                                                                                                                                                                             |               |               |                                                                                     |          |           |
| Wire strip length                     | 10 mm                                                                                                                                                                                            |               |               |                                                                                     |          |           |
| Approvals                             | ATEX   KEMA 03 ATEX 2056 U |               |               |                                                                                     |          |           |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                              | UL            | CSA           |  |          |           |
|                                       | EN 60 947-7-2                                                                                                                                                                                    |               |               |                                                                                     |          |           |
| Cross section fine-stranded           | 0.08 – 1.5 mm <sup>2</sup>                                                                                                                                                                       |               |               | 0.14 – 1.5 mm <sup>2</sup>                                                          |          |           |
| Cross section solid/stranded          | 0.08 – 1.5 mm <sup>2</sup>                                                                                                                                                                       |               |               | 0.14 – 1.5 mm <sup>2</sup>                                                          |          |           |
| Cross section, AWG                    | 24 – 14                                                                                                                                                                                          |               |               | 24 – 14                                                                             |          |           |
| Rated current                         |                                                                                                                                                                                                  |               |               |                                                                                     |          |           |
| Rated voltage                         | 500 V                                                                                                                                                                                            | 300 V         | 300 V         | 440 V*                                                                              |          |           |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                                             |               |               |                                                                                     |          |           |
| Pollution degree                      | 3                                                                                                                                                                                                |               |               |                                                                                     |          |           |
| ACCESSORIES                           |                                                                                                                                                                                                  |               |               | Type                                                                                | Part No. | Std. Pack |
| End plate                             | gray                                                                                                                                                                                             | APF 1.5       | 07.312.8153.0 | 10                                                                                  |          |           |

## WKF 1,5 D1/2/SL/35

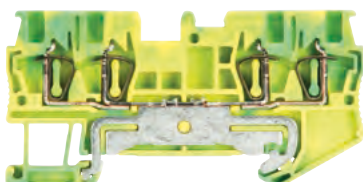
- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                                                                                                             | Part No.      | Std. Pack |                                                                                     |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|-------------------------------------------------------------------------------------|
| Ground block                          | green/yellow WKF 1,5 D1/2/SL/35                                                                                                                                                                  | 56.702.9353.0 | 50        |                                                                                     |
| GENERAL DATA                          |                                                                                                                                                                                                  |               |           |                                                                                     |
| Width / length / height, incl. TS 7.5 | 4 mm / 60 mm / 37 mm                                                                                                                                                                             |               |           |                                                                                     |
| Wire strip length                     | 10 mm                                                                                                                                                                                            |               |           |                                                                                     |
| Approvals                             | ATEX   KEMA 03 ATEX 2056 U |               |           |                                                                                     |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                              | UL            | CSA       |  |
|                                       | EN 60 947-7-2                                                                                                                                                                                    |               |           | EN 60 079-0/-7                                                                      |
| Cross section fine-stranded           | 0.08 – 1.5 mm <sup>2</sup>                                                                                                                                                                       |               |           | 0.14 – 1.5 mm <sup>2</sup>                                                          |
| Cross section solid/stranded          | 0.08 – 1.5 mm <sup>2</sup>                                                                                                                                                                       |               |           | 0.14 – 1.5 mm <sup>2</sup>                                                          |
| Cross section, AWG                    | 24 – 14                                                                                                                                                                                          |               |           | 24 – 14                                                                             |
| Rated current                         |                                                                                                                                                                                                  |               |           |                                                                                     |
| Rated voltage                         | 500 V                                                                                                                                                                                            | 300 V         | 300 V     | 440 V*                                                                              |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                                             |               |           |                                                                                     |
| Pollution degree                      | 3                                                                                                                                                                                                |               |           |                                                                                     |
| ACCESSORIES                           | Type                                                                                                                                                                                             | Part No.      | Std. Pack |                                                                                     |
| End plate                             | gray APF 1,5 D1/2                                                                                                                                                                                | 07.312.8353.0 | 10        |                                                                                     |

## WKF 1,5 D2/2/SL/35

- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                                                                                                                 | Part No.      | Std. Pack |                                                                                       |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|---------------------------------------------------------------------------------------|
| Ground block                          | green/yellow WKF 1,5 D2/2/SL/35                                                                                                                                                                      | 56.702.9153.0 | 50        |                                                                                       |
| GENERAL DATA                          |                                                                                                                                                                                                      |               |           |                                                                                       |
| Width / length / height, incl. TS 7.5 | 4 mm / 72 mm / 37 mm                                                                                                                                                                                 |               |           |                                                                                       |
| Wire strip length                     | 10 mm                                                                                                                                                                                                |               |           |                                                                                       |
| Approvals                             | ATEX   KEMA 03 ATEX 2056 U |               |           |                                                                                       |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                  | UL            | CSA       |  |
|                                       | EN 60 947-7-2                                                                                                                                                                                        |               |           | EN 60 079-0/-7                                                                        |
| Cross section fine-stranded           | 0.08 – 1.5 mm <sup>2</sup>                                                                                                                                                                           |               |           | 0.14 – 1.5 mm <sup>2</sup>                                                            |
| Cross section solid/stranded          | 0.08 – 1.5 mm <sup>2</sup>                                                                                                                                                                           |               |           | 0.14 – 1.5 mm <sup>2</sup>                                                            |
| Cross section, AWG                    | 24 – 14                                                                                                                                                                                              |               |           | 24 – 14                                                                               |
| Rated current                         |                                                                                                                                                                                                      |               |           |                                                                                       |
| Rated voltage                         | 500 V                                                                                                                                                                                                | 300 V         | 300 V     | 440 V*                                                                                |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                                                 |               |           |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                    |               |           |                                                                                       |
| ACCESSORIES                           | Type                                                                                                                                                                                                 | Part No.      | Std. Pack |                                                                                       |
| End plate                             | gray APF 1,5 D2/2                                                                                                                                                                                    | 07.312.8553.0 | 10        |                                                                                       |

## ACCESSORIES FOR FASIS WKF 1,5



| ACCESSORIES              | Type               | Part No.      | Std. Pack |
|--------------------------|--------------------|---------------|-----------|
| Screwdriver, uninsulated | DIN 5264 B 0,4x2,5 | 06.502.4300.0 | 5         |

\* In order to maintain the proper isolation distances, the open side of a ground block is to be covered by an end plate.



## WKFN 2,5 SL/35

- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Part No.      | Std. Pack                                                                                          |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------|
| Ground block                          | green/yellow WKFN 2,5 SL/35                                                                                                                                                                                                                                                                                                                                                                                                                          | 56.703.9055.0 | 100                                                                                                |
| GENERAL DATA                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                                                                                                    |
| Width / length / height, incl. TS 7.5 | 5 mm / 47 mm / 38 mm                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                                                                                                    |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                                                                                    |
| Approvals                             | PTB     USA-Ex  CAN-Ex |               | PTB 04 ATEX 1051 U                                                                                 |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                                                                                                                                                                                  | UL            | CSA                                                                                                |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |  EN 60 079-0/-7 |
| Cross section fine-stranded           | 0.13 – 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                           |               | 0.2 – 2.5 mm <sup>2</sup>                                                                          |
| Cross section solid/stranded          | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                             |               | 0.13 – 4 mm <sup>2</sup>                                                                           |
| Cross section, AWG                    | 22 – 12                                                                                                                                                                                                                                                                                                                                                                                                                                              |               | 24 – 12                                                                                            |
| Rated current                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                                                                                                    |
| Rated voltage                         | 800 V                                                                                                                                                                                                                                                                                                                                                                                                                                                | 600 V         | 600 V                                                                                              |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                                                                                                    |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                                                                                                    |
| ACCESSORIES                           | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Part No.      | Std. Pack                                                                                          |
| End plate                             | gray APFN 2.5                                                                                                                                                                                                                                                                                                                                                                                                                                        | 07.312.6755.0 | 10                                                                                                 |

## WKFN 2,5 D1/2/SL/35

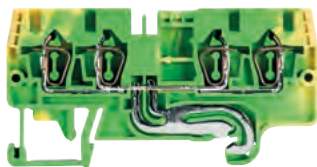
- Duo-Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Part No.      | Std. Pack                                                                                          |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------|
| Ground block                          | green/yellow WKFN 2,5 D1/2/SL/35                                                                                                                                                                                                                                                                                                                                                                                                                     | 56.703.9355.0 | 100                                                                                                |
| GENERAL DATA                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                                                                                                    |
| Width / length / height, incl. TS 7.5 | 5 mm / 60 mm / 38 mm                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                                                                                                    |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                                                                                    |
| Approvals                             | PTB     USA-Ex  CAN-Ex |               | PTB 04 ATEX 1051 U                                                                                 |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                                                                                                                                                                                  | UL            | CSA                                                                                                |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                                                                                                                                                                                                                        |               |  EN 60 079-0/-7 |
| Cross section fine-stranded           | 0.13 – 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                           |               | 0.2 – 2.5 mm <sup>2</sup>                                                                          |
| Cross section solid/stranded          | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                             |               | 0.13 – 4 mm <sup>2</sup>                                                                           |
| Cross section, AWG                    | 22 – 12                                                                                                                                                                                                                                                                                                                                                                                                                                              |               | 24 – 12                                                                                            |
| Rated current                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                                                                                                    |
| Rated voltage                         | 800 V                                                                                                                                                                                                                                                                                                                                                                                                                                                | 600 V         | 600 V                                                                                              |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                                                                                                    |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                                                                                                    |
| ACCESSORIES                           | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Part No.      | Std. Pack                                                                                          |
| End plate                             | gray APFN 2,5 D1/2                                                                                                                                                                                                                                                                                                                                                                                                                                   | 07.312.6955.0 | 10                                                                                                 |

## WKFN 2,5 D2/2/SL/35

- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Part No.      | Std. Pack                                                                                            |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------------------------------------------------------------------------------------|
| Ground block                          | green/yellow WKFN 2,5 D2/2/SL/35                                                                                                                                                                                                                                                                                                                                                                                                                               | 56.703.9155.0 | 100                                                                                                  |
| GENERAL DATA                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                                                                                      |
| Width / length / height, incl. TS 7.5 | 5 mm / 72 mm / 38 mm                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                                                                                                      |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                          |               |                                                                                                      |
| Approvals                             | PTB     USA-Ex  CAN-Ex |               | PTB 04 ATEX 1051 U                                                                                   |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                                                                                                                                                                                            | UL            | CSA                                                                                                  |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |  EN 60 079-0/-7 |
| Cross section fine-stranded           | 0.13 – 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                     |               | 0.2 – 2.5 mm <sup>2</sup>                                                                            |
| Cross section solid/stranded          | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                       |               | 0.13 – 4 mm <sup>2</sup>                                                                             |
| Cross section, AWG                    | 22 – 12                                                                                                                                                                                                                                                                                                                                                                                                                                                        |               | 24 – 12                                                                                              |
| Rated current                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                                                                                      |
| Rated voltage                         | 800 V                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 600 V         | 600 V                                                                                                |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                                                                                                      |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                                                                                                      |
| ACCESSORIES                           | Type                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Part No.      | Std. Pack                                                                                            |
| End plate                             | gray APFN 2,5 D2/2                                                                                                                                                                                                                                                                                                                                                                                                                                             | 07.312.7155.0 | 10                                                                                                   |

## ACCESSORIES FOR FASIS WKFN 2,5



| ACCESSORIES                             | Type                       | Part No.             | Std. Pack     |
|-----------------------------------------|----------------------------|----------------------|---------------|
| Wire entry guide                        | 0.13 – 0.2 mm <sup>2</sup> | LELN 2,5/1 WEISS     | 05.564.3755.0 |
|                                         | 0.25 – 0.5 mm <sup>2</sup> | LELN 2,5/2 GRAU      | 05.564.3855.0 |
|                                         | 0.75 – 1.0 mm <sup>2</sup> | LELN 2,5/3 SCHWARZ   | 05.564.3955.0 |
| Cover with warning symbol over 4 blocks | yellow                     | ADFN 2,5/4 GELB      | 04.343.8353.8 |
| Screwdriver, uninsulated                |                            | DIN 5264 B 0,6x3,5   | 06.502.4000.0 |
| Screwdriver, uninsulated, MINI          |                            | DIN 5264 B 0,6x3,5 M | 06.502.5000.0 |

Technical information see FACTS & DATA page 158 ff.

Subject to technical modifications

# FASIS WKFN · GROUND BLOCKS WITH TENSION SPRING CONNECTION

## WKFN 4 SL/35

- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                                                                                                                                                                                                                                                                      | Part No.      | Std. Pack                |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------|
| Ground block                          | green/yellow WKFN 4 SL/35                                                                                                                                                                                                                                                                                                                                 | 56.704.9055.0 | 100                      |
| <b>GENERAL DATA</b>                   |                                                                                                                                                                                                                                                                                                                                                           |               |                          |
| Width / length / height, incl. TS 7.5 | 6 mm / 51 mm / 38 mm                                                                                                                                                                                                                                                                                                                                      |               |                          |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                                     |               |                          |
| Approvals                             | PTB     CAN-Ex |               | PTB 05 ATEX 1104 U       |
| <b>TECHNICAL DATA</b>                 |                                                                                                                                                                                                                                                                                                                                                           |               |                          |
|                                       | IEC                                                                                                                                                                                                                                                                                                                                                       | UL            | CSA                      |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                                                                                                                             |               | EN 60 079-0/-7           |
| Cross section fine-stranded           | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                  |               | 0.13 – 4 mm <sup>2</sup> |
| Cross section solid/stranded          | 0.13 – 6 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                  |               | 0.2 – 6 mm <sup>2</sup>  |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                                                                                                           | 24 – 10       | 24 – 10                  |
| Rated current                         |                                                                                                                                                                                                                                                                                                                                                           |               |                          |
| Rated voltage                         | 800 V                                                                                                                                                                                                                                                                                                                                                     | 600 V         | 600 V                    |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                                                                                                      |               |                          |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                         |               |                          |
| <b>ACCESSORIES</b>                    |                                                                                                                                                                                                                                                                                                                                                           |               |                          |
| End plate                             | gray APFN 4                                                                                                                                                                                                                                                                                                                                               | 07.312.9255.0 | 10                       |

## WKFN 4 D1/2/SL/35

- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                                                                                                                                                                                                                                                                      | Part No.      | Std. Pack                |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------|
| Ground block                          | green/yellow WKFN 4 D1/2/SL/35                                                                                                                                                                                                                                                                                                                            | 56.704.9355.0 | 100                      |
| <b>GENERAL DATA</b>                   |                                                                                                                                                                                                                                                                                                                                                           |               |                          |
| Width / length / height, incl. TS 7.5 | 6 mm / 67 mm / 38 mm                                                                                                                                                                                                                                                                                                                                      |               |                          |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                                     |               |                          |
| Approvals                             | PTB     CAN-Ex |               | PTB 05 ATEX 1104 U       |
| <b>TECHNICAL DATA</b>                 |                                                                                                                                                                                                                                                                                                                                                           |               |                          |
|                                       | IEC                                                                                                                                                                                                                                                                                                                                                       | UL            | CSA                      |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                                                                                                                             |               | EN 60 079-0/-7           |
| Cross section fine-stranded           | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                  |               | 0.13 – 4 mm <sup>2</sup> |
| Cross section solid/stranded          | 0.13 – 6 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                  |               | 0.2 – 6 mm <sup>2</sup>  |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                                                                                                           | 24 – 10       | 24 – 10                  |
| Rated current                         |                                                                                                                                                                                                                                                                                                                                                           |               |                          |
| Rated voltage                         | 800 V                                                                                                                                                                                                                                                                                                                                                     | 600 V         | 600 V                    |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                                                                                                      |               |                          |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                         |               |                          |
| <b>ACCESSORIES</b>                    |                                                                                                                                                                                                                                                                                                                                                           |               |                          |
| End plate                             | gray APFN 4 D1/2                                                                                                                                                                                                                                                                                                                                          | 07.312.9455.0 | 10                       |

## WKFN 4 D2/2/SL/35

- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                                                                                                                                                                                                                                                                              | Part No.      | Std. Pack                |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------|
| Ground block                          | green/yellow WKFN 4 D2/2/SL/35                                                                                                                                                                                                                                                                                                                                    | 56.704.9155.0 | 100                      |
| <b>GENERAL DATA</b>                   |                                                                                                                                                                                                                                                                                                                                                                   |               |                          |
| Width / length / height, incl. TS 7.5 | 6 mm / 82 mm / 38 mm                                                                                                                                                                                                                                                                                                                                              |               |                          |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                                             |               |                          |
| Approvals                             | PTB     CAN-Ex |               | PTB 05 ATEX 1104 U       |
| <b>TECHNICAL DATA</b>                 |                                                                                                                                                                                                                                                                                                                                                                   |               |                          |
|                                       | IEC                                                                                                                                                                                                                                                                                                                                                               | UL            | CSA                      |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                                                                                                                                     |               | EN 60 079-0/-7           |
| Cross section fine-stranded           | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                          |               | 0.13 – 4 mm <sup>2</sup> |
| Cross section solid/stranded          | 0.13 – 6 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                          |               | 0.2 – 6 mm <sup>2</sup>  |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                                                                                                                   | 24 – 10       | 24 – 10                  |
| Rated current                         |                                                                                                                                                                                                                                                                                                                                                                   |               |                          |
| Rated voltage                         | 800 V                                                                                                                                                                                                                                                                                                                                                             | 600 V         | 600 V                    |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                                                                                                              |               |                          |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                                 |               |                          |
| <b>ACCESSORIES</b>                    |                                                                                                                                                                                                                                                                                                                                                                   |               |                          |
| End plate                             | gray APFN 4 D2/2                                                                                                                                                                                                                                                                                                                                                  | 07.312.9055.0 | 10                       |

## ACCESSORIES FOR FASIS WKFN 4



| ACCESSORIES                             | Type                                       | Part No.      | Std. Pack |
|-----------------------------------------|--------------------------------------------|---------------|-----------|
| Wire entry guide                        | 0.13 – 0.2 mm <sup>2</sup> LEL 4/1 WEISS   | 05.561.8553.0 | 100       |
|                                         | 0.25 – 0.5 mm <sup>2</sup> LEL 4/2 GRAU    | 05.561.8653.0 | 100       |
|                                         | 0.75 – 1.0 mm <sup>2</sup> LEL 4/3 SCHWARZ | 05.561.8753.0 | 100       |
| Cover with warning symbol over 4 blocks | yellow ADF 4/4 GELB                        | 04.343.6153.8 | 10        |
| Test plug                               | ST 2/2,3                                   | Z5.553.2921.0 | 10        |
| Screwdriver, uninsulated                | DIN 5264 B 0,6x3,5                         | 06.502.4000.0 | 5         |
| Screwdriver, uninsulated, MINI          | DIN 5264 B 0,6x3,5 M                       | 06.502.5000.0 | 10        |

## WKFN 6 SL/35

- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 6 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                                                                                                                                                                                              | Part No.      | Std. Pack                                                                                          |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------------------------------------------------------------------------------|
| Ground block                          | green/yellow WKFN 6 SL/35                                                                                                                                                                                                                                                         | 56.706.9055.0 | 100                                                                                                |
| GENERAL DATA                          |                                                                                                                                                                                                                                                                                   |               |                                                                                                    |
| Width / length / height, incl. TS 7.5 | 8 mm / 66 mm / 45 mm                                                                                                                                                                                                                                                              |               |                                                                                                    |
| Wire strip length                     | 12 mm                                                                                                                                                                                                                                                                             |               |                                                                                                    |
| Approvals                             | PTB    PTB 06 ATEX 1075 U |               |                                                                                                    |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                               | UL            | CSA                                                                                                |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                                                     |               |  EN 60 079-0/-7 |
| Cross section fine-stranded           | 0.2 – 6 mm <sup>2</sup>                                                                                                                                                                                                                                                           |               | 0.2 – 6 mm <sup>2</sup>                                                                            |
| Cross section solid/stranded          | 1.5 – 10 mm <sup>2</sup>                                                                                                                                                                                                                                                          |               | 1.5 – 10 mm <sup>2</sup>                                                                           |
| Cross section, AWG                    | 24 – 8                                                                                                                                                                                                                                                                            |               | 24 – 8                                                                                             |
| Rated current                         |                                                                                                                                                                                                                                                                                   |               |                                                                                                    |
| Rated voltage                         | 800 V                                                                                                                                                                                                                                                                             | 600 V         | 600 V                                                                                              |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                              |               |                                                                                                    |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                 |               |                                                                                                    |
| ACCESSORIES                           |                                                                                                                                                                                                                                                                                   |               |                                                                                                    |
| End plate                             | gray APFN 6                                                                                                                                                                                                                                                                       | 07.313.0455.0 | 10                                                                                                 |

## WKFN 6 D1/2/SL/35

- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 6 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                                                                                                                                                                                              | Part No.      | Std. Pack      |                                                                                     |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|-------------------------------------------------------------------------------------|
| Ground block                          | green/yellow WKFN 6 D1/2/SL/35                                                                                                                                                                                                                                                    | 56.706.9355.0 | 100            |                                                                                     |
| GENERAL DATA                          |                                                                                                                                                                                                                                                                                   |               |                |                                                                                     |
| Width / length / height, incl. TS 7.5 | 8 mm / 90 mm / 45 mm                                                                                                                                                                                                                                                              |               |                |                                                                                     |
| Wire strip length                     | 12 mm                                                                                                                                                                                                                                                                             |               |                |                                                                                     |
| Approvals                             | PTB    PTB 06 ATEX 1075 U |               |                |                                                                                     |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                               | UL            | CSA            |  |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                                                     |               | EN 60 079-0/-7 |                                                                                     |
| Cross section fine-stranded           | 0.2 – 6 mm²                                                                                                                                                                                                                                                                       |               | 0.2 – 6 mm²    |                                                                                     |
| Cross section solid/stranded          | 1.5 – 10 mm²                                                                                                                                                                                                                                                                      |               | 1.5 – 10 mm²   |                                                                                     |
| Cross section, AWG                    | 24 – 8                                                                                                                                                                                                                                                                            |               | 24 – 8         |                                                                                     |
| Rated current                         | 50 A                                                                                                                                                                                                                                                                              |               |                |                                                                                     |
| Rated voltage                         | 800 V                                                                                                                                                                                                                                                                             | 600 V         | 600 V          |                                                                                     |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                                              |               |                |                                                                                     |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                 |               |                |                                                                                     |
| ACCESSORIES                           | Type                                                                                                                                                                                                                                                                              | Part No.      | Std. Pack      |                                                                                     |
| End plate                             | gray APFN 6 D1/2                                                                                                                                                                                                                                                                  | 07.313.0655.0 | 10             |                                                                                     |

## ACCESSORIES FOR FASIS WKFN 6



| ACCESSORIES                             | Type             | Part No.       | Std. Pack     |
|-----------------------------------------|------------------|----------------|---------------|
| Cross connector, insulated*             | 2-pole           | IVB WKFN 6 – 2 | Z7.282.5227.0 |
|                                         | 3-pole           | IVB WKFN 6 – 3 | Z7.282.5327.0 |
|                                         | 4-pole           | IVB WKFN 6 – 4 | Z7.282.5427.0 |
|                                         | 5-pole           | IVB WKFN 6 – 5 | Z7.282.5527.0 |
| Cover with warning symbol over 4 blocks | yellow           | ADF 6/4 GELB   | 04.343.6253.8 |
| Test plug                               | ST 2/2,3         |                | Z5.553.2921.0 |
| Screwdriver, uninsulated                | DIN 5264 B 0,8x4 |                | 06.502.4100.0 |

\* When cross connectors are used according to EN 60079-0 and EN 60079-7, the current must be reduced to max. 3.5 A.

# FASIS WKFN · GROUND BLOCKS WITH TENSION SPRING CONNECTION

## WKFN 10 SL/35

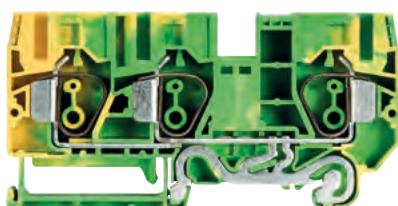
- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 10 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                                                                                                                                                                         | Part No.      | Std. Pack                |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------|
| Ground block                          | green/yellow WKFN 10 SL/35                                                                                                                                                                                                                                   | 56.710.9055.0 | 50                       |
| <b>GENERAL DATA</b>                   |                                                                                                                                                                                                                                                              |               |                          |
| Width / length / height, incl. TS 7.5 | 10 mm / 72 mm / 50 mm                                                                                                                                                                                                                                        |               |                          |
| Wire strip length                     | 15 mm                                                                                                                                                                                                                                                        |               |                          |
| Approvals                             | PTB    |               | PTB 06 ATEX 1075 U       |
| <b>TECHNICAL DATA</b>                 |                                                                                                                                                                                                                                                              |               |                          |
|                                       | IEC                                                                                                                                                                                                                                                          | UL            | CSA                      |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                                |               | EN 60 079-0/-7           |
| Cross section fine-stranded           | 0.2 – 10 mm <sup>2</sup>                                                                                                                                                                                                                                     |               | 0.2 – 10 mm <sup>2</sup> |
| Cross section solid/stranded          | 1.5 – 16 mm <sup>2</sup>                                                                                                                                                                                                                                     |               | 1.5 – 16 mm <sup>2</sup> |
| Cross section, AWG                    |                                                                                                                                                                                                                                                              | 16 – 6        | 16 – 6                   |
| Rated current                         |                                                                                                                                                                                                                                                              |               |                          |
| Rated voltage                         | 1000 V                                                                                                                                                                                                                                                       | 600 V         | 600 V                    |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                         |               |                          |
| Pollution degree                      | 3                                                                                                                                                                                                                                                            |               |                          |
| <b>ACCESSORIES</b>                    |                                                                                                                                                                                                                                                              |               |                          |
| End plate                             | gray APFN 10/35                                                                                                                                                                                                                                              | 07.313.0855.0 | 10                       |

## WKFN 10 D1/2/SL/35

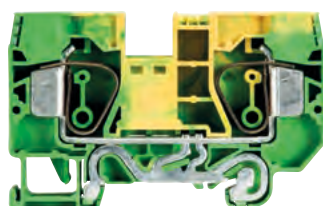
- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 10 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                                                                                                                                                                         | Part No.      | Std. Pack                |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------|
| Ground block                          | green/yellow WKFN 10 D1/2/SL/35                                                                                                                                                                                                                              | 56.710.9355.0 | 50                       |
| <b>GENERAL DATA</b>                   |                                                                                                                                                                                                                                                              |               |                          |
| Width / length / height, incl. TS 7.5 | 10 mm / 98 mm / 50 mm                                                                                                                                                                                                                                        |               |                          |
| Wire strip length                     | 15 mm                                                                                                                                                                                                                                                        |               |                          |
| Approvals                             | PTB    |               | PTB 06 ATEX 1075 U       |
| <b>TECHNICAL DATA</b>                 |                                                                                                                                                                                                                                                              |               |                          |
|                                       | IEC                                                                                                                                                                                                                                                          | UL            | CSA                      |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                                |               | EN 60 079-0/-7           |
| Cross section fine-stranded           | 0.2 – 10 mm <sup>2</sup>                                                                                                                                                                                                                                     |               | 0.2 – 10 mm <sup>2</sup> |
| Cross section solid/stranded          | 1.5 – 16 mm <sup>2</sup>                                                                                                                                                                                                                                     |               | 1.5 – 16 mm <sup>2</sup> |
| Cross section, AWG                    |                                                                                                                                                                                                                                                              | 16 – 6        |                          |
| Rated current                         |                                                                                                                                                                                                                                                              |               |                          |
| Rated voltage                         | 1000 V                                                                                                                                                                                                                                                       | 600 V         |                          |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                         |               |                          |
| Pollution degree                      | 3                                                                                                                                                                                                                                                            |               |                          |
| <b>ACCESSORIES</b>                    |                                                                                                                                                                                                                                                              |               |                          |
| End plate                             | gray APFN 10 D1/2                                                                                                                                                                                                                                            | 07.313.1055.0 | 10                       |

## WKFN 16 SL/35

- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 16 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                                                                                                                                                                               | Part No.      | Std. Pack                |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------|
| Ground block                          | green/yellow WKFN 16 SL/35                                                                                                                                                                                                                                         | 56.716.9055.0 | 50                       |
| <b>GENERAL DATA</b>                   |                                                                                                                                                                                                                                                                    |               |                          |
| Width / length / height, incl. TS 7.5 | 12 mm / 79 mm / 50 mm                                                                                                                                                                                                                                              |               |                          |
| Wire strip length                     | 16 mm                                                                                                                                                                                                                                                              |               |                          |
| Approvals                             | PTB    |               | PTB 06 ATEX 1075 U       |
| <b>TECHNICAL DATA</b>                 |                                                                                                                                                                                                                                                                    |               |                          |
|                                       | IEC                                                                                                                                                                                                                                                                | UL            | CSA                      |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                                      |               | EN 60 079-0/-7           |
| Cross section fine-stranded           | 0.2 – 16 mm <sup>2</sup>                                                                                                                                                                                                                                           |               | 0.2 – 16 mm <sup>2</sup> |
| Cross section solid/stranded          | 1.5 – 25 mm <sup>2</sup>                                                                                                                                                                                                                                           |               | 1.5 – 25 mm <sup>2</sup> |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                    | 16 – 4        | 16 – 4                   |
| Rated current                         |                                                                                                                                                                                                                                                                    |               |                          |
| Rated voltage                         | 1000 V                                                                                                                                                                                                                                                             | 600 V         | 600 V                    |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                               |               |                          |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                  |               |                          |
| <b>ACCESSORIES</b>                    |                                                                                                                                                                                                                                                                    |               |                          |
| End plate                             | gray APFN 16                                                                                                                                                                                                                                                       | 07.313.1255.0 | 10                       |

## WKFN 16 D1/2/SL/35

- Duo ground block with tension spring connection for mounting on TS 35
- Nominal cross section 16 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2

Follow the EX installation instructions on page 174

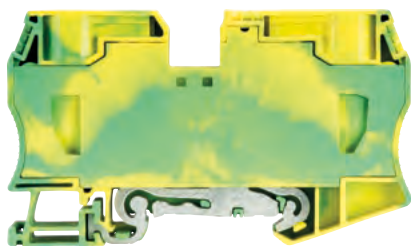


| Description                           | Type                                                                                                                                                                                                                                                         | Part No.           | Std. Pack                                                                           |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|
| Ground block                          | green/yellow                                                                                                                                                                                                                                                 | WKFN 16 D1/2/SL/35 | 56.716.9355.0                                                                       |
| <b>GENERAL DATA</b>                   |                                                                                                                                                                                                                                                              |                    |                                                                                     |
| Width / length / height, incl. TS 7.5 | 12 mm / 107 mm / 50 mm                                                                                                                                                                                                                                       |                    |                                                                                     |
| Wire strip length                     | 16 mm                                                                                                                                                                                                                                                        |                    |                                                                                     |
| Approvals                             | PTB    |                    | PTB 06 ATEX 1075 U                                                                  |
| <b>TECHNICAL DATA</b>                 |                                                                                                                                                                                                                                                              |                    |                                                                                     |
|                                       | IEC                                                                                                                                                                                                                                                          | CSA                |  |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                                |                    | EN 60 079-0/-7                                                                      |
| Cross section fine-stranded           | 0.2 – 16 mm <sup>2</sup>                                                                                                                                                                                                                                     |                    | 0.2 – 16 mm <sup>2</sup>                                                            |
| Cross section solid/stranded          | 1.5 – 25 mm <sup>2</sup>                                                                                                                                                                                                                                     |                    | 1.5 – 25 mm <sup>2</sup>                                                            |
| Cross section, AWG                    |                                                                                                                                                                                                                                                              | 16 – 4             |                                                                                     |
| Rated current                         |                                                                                                                                                                                                                                                              |                    |                                                                                     |
| Rated voltage                         | 1000 V                                                                                                                                                                                                                                                       | 600 V              |                                                                                     |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                                                                                                         |                    |                                                                                     |
| Pollution degree                      | 3                                                                                                                                                                                                                                                            |                    |                                                                                     |
| <b>ACCESSORIES</b>                    |                                                                                                                                                                                                                                                              |                    |                                                                                     |
| End plate                             | gray                                                                                                                                                                                                                                                         | APFN 16 D1/2       | 07.313.1455.0                                                                       |

## WKF 35 SL/35

- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 35 mm<sup>2</sup>
- Ex e I  II 2GD

Follow the EX installation instructions on page 174



| Description                             | Type                                                                                                                                                                                                                                                          | Part No.       | Std. Pack                |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------------|
| Ground block                            | green/yellow                                                                                                                                                                                                                                                  | WKF 35 SL/35   | 56.735.9053.0            |
| <b>GENERAL DATA</b>                     |                                                                                                                                                                                                                                                               |                |                          |
| Width / length / height, incl. TS 7.5   | 16 mm / 100 mm / 59 mm                                                                                                                                                                                                                                        |                |                          |
| Wire strip length                       | 25 mm                                                                                                                                                                                                                                                         |                |                          |
| Approvals                               | ATEX    |                | KEMA 03 ATEX 2057 U      |
| <b>TECHNICAL DATA</b>                   |                                                                                                                                                                                                                                                               |                |                          |
|                                         | IEC                                                                                                                                                                                                                                                           | UL             | CSA                      |
|                                         | EN 60 947-7-1                                                                                                                                                                                                                                                 |                | EN 60 079-0/-7           |
| Cross section fine-stranded             | 2.5 – 35 mm <sup>2</sup>                                                                                                                                                                                                                                      |                | 2.5 – 35 mm <sup>2</sup> |
| Cross section solid/stranded            | 2.5 – 35 mm <sup>2</sup>                                                                                                                                                                                                                                      |                | 2.5 – 35 mm <sup>2</sup> |
| Cross section, AWG                      |                                                                                                                                                                                                                                                               | 12 – 2         | 12 – 2                   |
| Rated current                           |                                                                                                                                                                                                                                                               |                |                          |
| Rated voltage                           | 800 V                                                                                                                                                                                                                                                         | 600 V          | 600 V                    |
| Rated impulse voltage                   | 8 kV                                                                                                                                                                                                                                                          |                | 690 V                    |
| Pollution degree                        | 3                                                                                                                                                                                                                                                             |                |                          |
| <b>ACCESSORIES</b>                      |                                                                                                                                                                                                                                                               |                |                          |
|                                         | Type                                                                                                                                                                                                                                                          | Part No.       | Std. Pack                |
| Cross connector, insulated              | 2-pole                                                                                                                                                                                                                                                        | IVB WKF 35 – 2 | Z7.285.6227.0            |
| Cover with warning symbol over 4 blocks |                                                                                                                                                                                                                                                               | ADF 35/5 GELB  | 04.343.9253.8            |
| Test plug                               |                                                                                                                                                                                                                                                               | ST 2/2,3       | Z5.553.2921.0            |

## ACCESSORIES FOR FASIS WKFN 10 SL AND WKFN 16 SL



| ACCESSORIES                             | Type             | Part No.       | Std. Pack     |
|-----------------------------------------|------------------|----------------|---------------|
| Test plug                               | ST 2/2,3         | Z5.553.2921.0  | 10            |
| Screwdriver, uninsulated                | DIN 5264 B 1x5,5 | 06.502.4200.0  | 5             |
| <b>for WKFN 10 ...</b>                  |                  |                |               |
| Cross connector, insulated**            | 2-pole           | IVB WKF 10 – 2 | Z7.283.8227.0 |
| Cover with warning symbol over 4 blocks | yellow           | ADF 10/4 GELB  | 04.343.6453.8 |
| <b>for WKFN 16 ...</b>                  |                  |                |               |
| Cross connector, insulated*             | 2-pole           | IVB WKF 16 – 2 | Z7.284.4227.0 |
| Cover with warning symbol over 4 blocks | yellow           | ADF 16/4 GELB  | 04.343.6653.8 |

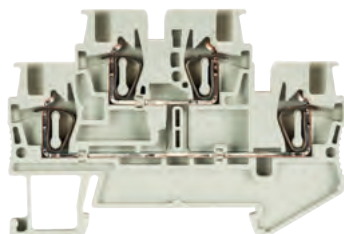
\*\* When cross connectors are used acc. to EN 60079-0 and EN 60079-7 the current must be reduced to 4 A/40 K or 5 A/45 K for type WKFN 10/35.



# FASIS WKFN · MULTI-TIER TERMINAL BLOCKS WITH TENSION SPRING CONNECTION

## WKF 1,5 E2/35

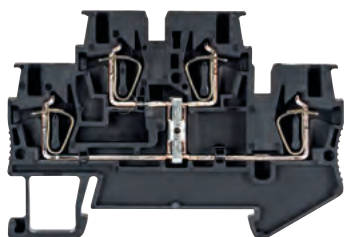
- Multi-tier block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm<sup>2</sup>
- Ex e II  II 2GD  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                                                                                                             | Part No.      | Std. Pack |                                                                                     |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|-------------------------------------------------------------------------------------|
| Multi-tier block                      | gray WKF 1,5 E2/35                                                                                                                                                                               | 56.702.7653.0 | 50        |                                                                                     |
| GENERAL DATA                          |                                                                                                                                                                                                  |               |           |                                                                                     |
| Width / length / height, incl. TS 7.5 | 4 mm / 68 mm / 47 mm                                                                                                                                                                             |               |           |                                                                                     |
| Wire strip length                     | 10 mm                                                                                                                                                                                            |               |           |                                                                                     |
| Approvals                             | ATEX   KEMA 03 ATEX 2056 U |               |           |                                                                                     |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                              | UL            | CSA       |  |
|                                       | EN 60 947-7-1                                                                                                                                                                                    |               |           | EN 60 079-0/-7                                                                      |
| Cross section fine-stranded           | 0.08 – 1.5 mm <sup>2</sup>                                                                                                                                                                       |               |           | 0.14 – 1.5 mm <sup>2</sup>                                                          |
| Cross section solid/stranded          | 0.08 – 1.5 mm <sup>2</sup>                                                                                                                                                                       |               |           | 0.14 – 1.5 mm <sup>2</sup>                                                          |
| Cross section, AWG                    | 26 – 14                                                                                                                                                                                          |               |           | 26 – 14                                                                             |
| Rated current                         | 17,5 A                                                                                                                                                                                           | 15 A          | 15 A      | 15/13,5 A <sup>1)</sup>                                                             |
| Rated voltage                         | 500 V                                                                                                                                                                                            | 300 V         | 300 V     | 440 V <sup>2)</sup>                                                                 |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                                             |               |           |                                                                                     |
| Pollution degree                      | 3                                                                                                                                                                                                |               |           |                                                                                     |
| ACCESSORIES                           |                                                                                                                                                                                                  |               |           |                                                                                     |
| End plate                             | gray APF 1,5 E2                                                                                                                                                                                  | 07.312.8753.0 |           | 10                                                                                  |
| Cross connector, insulated            | 2-pole IVB WKF 1,5 – 2                                                                                                                                                                           | Z7.268.0227.0 |           | 10                                                                                  |
|                                       | 5-pole IVB WKF 1,5 – 5                                                                                                                                                                           | Z7.268.0527.0 |           | 10                                                                                  |
|                                       | 10-pole IVB WKF 1,5 – 10                                                                                                                                                                         | Z7.268.1027.0 |           | 10                                                                                  |
| Marking tag carrier, 2-fold           | BT 4/2                                                                                                                                                                                           | 04.243.0953.0 |           | 100                                                                                 |

## WKF 1,5 E2/VB/35

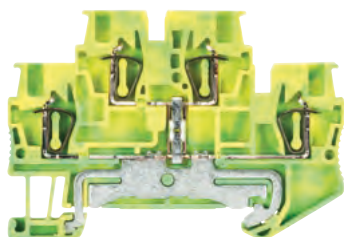
- Multi-tier block, vertically connected, with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm<sup>2</sup>
- Ex e II  II 2GD  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                                                                                                                 | Part No.      | Std. Pack |                                                                                       |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|---------------------------------------------------------------------------------------|
| Multi-tier block                      | black WKF 1,5 E2/VB/35                                                                                                                                                                               | 56.702.6953.1 | 50        |                                                                                       |
| GENERAL DATA                          |                                                                                                                                                                                                      |               |           |                                                                                       |
| Width / length / height, incl. TS 7.5 | 4 mm / 68 mm / 47 mm                                                                                                                                                                                 |               |           |                                                                                       |
| Wire strip length                     | 10 mm                                                                                                                                                                                                |               |           |                                                                                       |
| Approvals                             | ATEX   KEMA 03 ATEX 2056 U |               |           |                                                                                       |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                  | UL            | CSA       |  |
|                                       | EN 60 947-7-1                                                                                                                                                                                        |               |           | EN 60 079-0/-7                                                                        |
| Cross section fine-stranded           | 0.08 – 1.5 mm <sup>2</sup>                                                                                                                                                                           |               |           | 0.14 – 1.5 mm <sup>2</sup>                                                            |
| Cross section solid/stranded          | 0.08 – 1.5 mm <sup>2</sup>                                                                                                                                                                           |               |           | 0.14 – 1.5 mm <sup>2</sup>                                                            |
| Cross section, AWG                    | 26 – 14                                                                                                                                                                                              |               |           | 26 – 14                                                                               |
| Rated current                         | 17,5 A                                                                                                                                                                                               | 15 A          | 15 A      | 15/13,5 A <sup>1)</sup>                                                               |
| Rated voltage                         | 500 V                                                                                                                                                                                                | 300 V         | 300 V     | 440 V <sup>2)</sup>                                                                   |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                                                 |               |           |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                    |               |           |                                                                                       |
| ACCESSORIES                           | Type                                                                                                                                                                                                 | Part No.      | Std. Pack |                                                                                       |
| End plate                             | gray APF 1,5 E2                                                                                                                                                                                      | 07.312.8753.0 | 10        |                                                                                       |
| Cross connector, insulated            | 2-pole IVB WKF 1,5 – 2                                                                                                                                                                               | Z7.268.0227.0 | 10        |                                                                                       |
|                                       | 5-pole IVB WKF 1,5 – 5                                                                                                                                                                               | Z7.268.0527.0 | 10        |                                                                                       |
|                                       | 10-pole IVB WKF 1,5 – 10                                                                                                                                                                             | Z7.268.1027.0 | 10        |                                                                                       |
| Marking tag carrier, 2-fold           | BT 4/2                                                                                                                                                                                               | 04.243.0953.0 | 100       |                                                                                       |

## WKF 1,5 E2/SL/35

- Multi-tier ground block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm<sup>2</sup>
- Ex e II  II 2GD  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                                                                                                               | Part No.      | Std. Pack                                                                                 |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------------|
| Multi-tier ground block               | green/yellow WKF 1,5 E2/SL/35                                                                                                                                                                      | 56.702.9253.0 | 50                                                                                        |
| GENERAL DATA                          |                                                                                                                                                                                                    |               |                                                                                           |
| Width / length / height, incl. TS 7.5 | 4 mm / 68 mm / 47 mm                                                                                                                                                                               |               |                                                                                           |
| Wire strip length                     | 10 mm                                                                                                                                                                                              |               |                                                                                           |
| Approvals                             | ATEX   KEMA 03 ATEX 2056 U |               |                                                                                           |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                | UL            | CSA  |
|                                       | EN 60 947-7-2                                                                                                                                                                                      |               | EN 60 079-0/-7                                                                            |
| Cross section fine-stranded           | 0.08 – 1.5 mm <sup>2</sup>                                                                                                                                                                         |               | 0.14 – 1.5 mm <sup>2</sup>                                                                |
| Cross section solid/stranded          | 0.08 – 1.5 mm <sup>2</sup>                                                                                                                                                                         |               | 0.14 – 1.5 mm <sup>2</sup>                                                                |
| Cross section, AWG                    | 26 – 14                                                                                                                                                                                            |               | 26 – 14                                                                                   |
| Rated current                         |                                                                                                                                                                                                    |               |                                                                                           |
| Rated voltage                         | 500 V                                                                                                                                                                                              | 300 V         | 300 V <sup>2)</sup>                                                                       |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                                               |               |                                                                                           |
| Pollution degree                      | 3                                                                                                                                                                                                  |               |                                                                                           |
| ACCESSORIES                           |                                                                                                                                                                                                    |               |                                                                                           |
|                                       | Type                                                                                                                                                                                               | Part No.      | Std. Pack                                                                                 |
| End plate                             | gray APF 1,5 E2                                                                                                                                                                                    | 07.312.8753.0 | 10                                                                                        |
| Marking tag carrier, 2-fold           | BT 4/2                                                                                                                                                                                             | 04.243.0953.0 | 100                                                                                       |

<sup>1)</sup> Rated current when using cross connectors

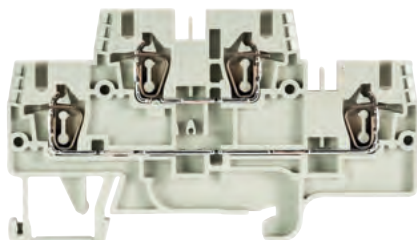
<sup>2)</sup> For maintaining the proper isolation distances, the open side of a feed-through terminal block as well as both sides of a jumper are to be covered by partitions.

# FASIS WKFN · MULTI-TIER BLOCKS WITH TENSION SPRING CONNECTION

## WKFN 2,5 E/35

### WKFN 2,5 E/N/D/35

- Multi-tier block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                | Type | Part No.          | Std. Pack     |
|----------------------------|------|-------------------|---------------|
| Multi-tier block           | gray | WKFN 2,5 E/35     | 56.703.7055.0 |
| Multi-tier block, combined | gray | WKFN 2,5 E/N/D/35 | 56.703.7655.0 |

| GENERAL DATA                          |                                                                                                                                                                                                                                                                                                                                                                  |         |         |                                                                                     |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|-------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 82 mm / 48 mm                                                                                                                                                                                                                                                                                                                                             |         |         |                                                                                     |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                                            |         |         |                                                                                     |
| Approvals                             | PTB    USA-Ex  CAN-Ex |         |         | PTB 04 ATEX 1051 U                                                                  |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                                                                                              | UL      | CSA     |  |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                                                                                                                                    |         |         | EN 60 079-0/-7                                                                      |
| Cross section fine-stranded           | 0.13 – 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                       |         |         |                                                                                     |
| Cross section solid/stranded          | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                         |         |         |                                                                                     |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                                                                                                                  | 22 – 12 | 24 – 12 |                                                                                     |
| Rated current                         | 24 A                                                                                                                                                                                                                                                                                                                                                             | 20 A    | 24 A    | 20/21,5 A <sup>1)</sup>                                                             |
| Rated voltage                         | 500 V                                                                                                                                                                                                                                                                                                                                                            | 300 V   | 300 V   | 440/275 V <sup>2)</sup>                                                             |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                                                                                                                                                                                                             |         |         |                                                                                     |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                                |         |         |                                                                                     |

#### Note

<sup>1)</sup> 1. value at 40 K / 2. value at 45 K

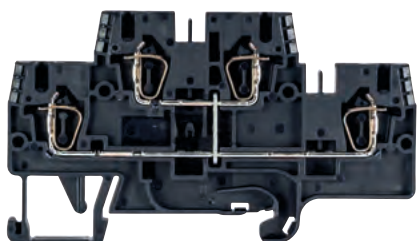
<sup>2)</sup> When using cross connectors on the upper tier

### WKFN 2,5 E/N/D/35

|            | Function     | Color ID |
|------------|--------------|----------|
| Upper tier | Feed-through | blue     |
| Lower tier | Feed-through | gray     |

## WKFN 2,5 E/VB/35

- Multi-tier block, vertically connected, with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description      | Type  | Part No.         | Std. Pack     |
|------------------|-------|------------------|---------------|
| Multi-tier block | black | WKFN 2,5 E/VB/35 | 56.703.6955.1 |

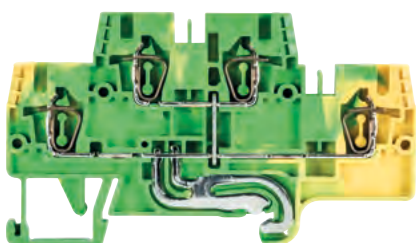
| GENERAL DATA                          |                                                                                                                                                                                                                                                                                                                                                                          |         |         |                                                                                       |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|---------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 82 mm / 48 mm                                                                                                                                                                                                                                                                                                                                                     |         |         |                                                                                       |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                                                    |         |         |                                                                                       |
| Approvals                             | PTB    USA-Ex  CAN-Ex |         |         | PTB 04 ATEX 1051 U                                                                    |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                                                                                                      | UL      | CSA     |  |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                                                                                                                                            |         |         | EN 60 079-0/-7                                                                        |
| Cross section fine-stranded           | 0.13 – 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                               |         |         |                                                                                       |
| Cross section solid/stranded          | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                 |         |         |                                                                                       |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                                                                                                                          | 22 – 12 | 24 – 12 |                                                                                       |
| Rated current                         | 24 A                                                                                                                                                                                                                                                                                                                                                                     | 20 A    | 24 A    | 20/21,5 A <sup>1)</sup>                                                               |
| Rated voltage                         | 500 V                                                                                                                                                                                                                                                                                                                                                                    | 600 V   | 600 V   | 440 V                                                                                 |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                                                                                                                                                                                                                     |         |         |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                                        |         |         |                                                                                       |

#### Note

<sup>1)</sup> 1. value at 40 K / 2. value at 45 K

## WKFN 2,5 E/SL/35

- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description  | Type         | Part No.         | Std. Pack     |
|--------------|--------------|------------------|---------------|
| Ground block | green/yellow | WKFN 2,5 E/SL/35 | 56.703.8955.0 |

| GENERAL DATA                          |                                                                                                                                                                                                                                                                                                                                                                          |         |         |                                                                                       |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|---------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 82 mm / 48 mm                                                                                                                                                                                                                                                                                                                                                     |         |         |                                                                                       |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                                                    |         |         |                                                                                       |
| Approvals                             | PTB    USA-Ex  CAN-Ex |         |         | PTB 04 ATEX 1051 U                                                                    |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                                                                                                      | UL      | CSA     |  |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                                                                                                                                            |         |         | EN 60 079-0/-7                                                                        |
| Cross section fine-stranded           | 0.13 – 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                               |         |         |                                                                                       |
| Cross section solid/stranded          | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                 |         |         |                                                                                       |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                                                                                                                          | 22 – 12 | 24 – 12 |                                                                                       |
| Rated current                         |                                                                                                                                                                                                                                                                                                                                                                          |         |         |                                                                                       |
| Rated voltage                         | 500 V                                                                                                                                                                                                                                                                                                                                                                    | 600 V   | 600 V   |                                                                                       |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                                                                                                                                                                                                                     |         |         |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                                        |         |         |                                                                                       |

# FASIS WKFN · MULTI-TIER BLOCKS WITH TENSION SPRING CONNECTION

## WKFN 2,5 E-K

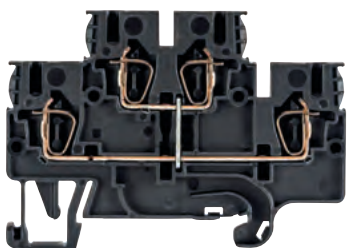
- Multi-tier block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                           | Type                       | Part No.        | Std. Pack |
|---------------------------------------|----------------------------|-----------------|-----------|
| Multi-tier block                      | gray WKFN 2,5 E-K          | 56.703.4755.0   | 100       |
| <b>GENERAL DATA</b>                   |                            |                 |           |
| Width / length / height, incl. TS 7.5 | 5 mm / 68 mm / 48 mm       |                 |           |
| Wire strip length                     | 11 mm                      |                 |           |
| Approvals                             |                            |                 |           |
| <b>TECHNICAL DATA</b>                 |                            | <b>IEC</b>      |           |
|                                       |                            | EN 60 947-7-1   |           |
| Cross section fine-stranded           | 0.13 – 2.5 mm <sup>2</sup> |                 |           |
| Cross section solid/stranded          | 0.13 – 4 mm <sup>2</sup>   |                 |           |
| Cross section, AWG                    |                            |                 |           |
| Rated current                         | 24 A                       |                 |           |
| Rated voltage                         | 500 V                      |                 |           |
| Rated impulse voltage                 | 6 kV                       |                 |           |
| Pollution degree                      | 3                          |                 |           |
| <b>ACCESSORIES</b>                    |                            | <b>Part No.</b> |           |
| End plate                             | gray APFN 2,5 E-K          | 07.313.5155.0   | 10        |

## WKFN 2,5 EVB-K

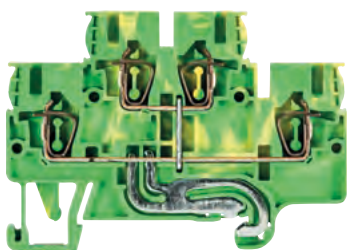
- Multi-tier block, vertically connected, with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                           | Type                       | Part No.        | Std. Pack |
|---------------------------------------|----------------------------|-----------------|-----------|
| Multi-tier block                      | black WKFN 2,5 EVB-K       | 56.703.4855.1   | 100       |
| <b>GENERAL DATA</b>                   |                            |                 |           |
| Width / length / height, incl. TS 7.5 | 5 mm / 68 mm / 48 mm       |                 |           |
| Wire strip length                     | 11 mm                      |                 |           |
| Approvals                             |                            |                 |           |
| <b>TECHNICAL DATA</b>                 |                            | <b>IEC</b>      |           |
|                                       |                            | EN 60 947-7-1   |           |
| Cross section fine-stranded           | 0.13 – 2.5 mm <sup>2</sup> |                 |           |
| Cross section solid/stranded          | 0.13 – 4 mm <sup>2</sup>   |                 |           |
| Cross section, AWG                    |                            |                 |           |
| Rated current                         | 24 A                       |                 |           |
| Rated voltage                         | 500 V                      |                 |           |
| Rated impulse voltage                 | 6 kV                       |                 |           |
| Pollution degree                      | 3                          |                 |           |
| <b>ACCESSORIES</b>                    |                            | <b>Part No.</b> |           |
| End plate                             | gray APFN 2,5 E-K          | 07.313.5155.0   | 10        |

## WKFN 2,5 ESL-K

- Ground block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>

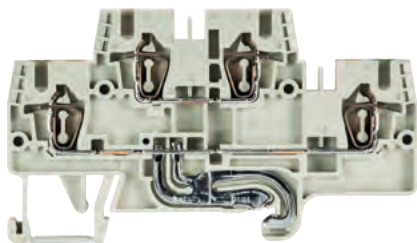


| Description                           | Type                        | Part No.        | Std. Pack |
|---------------------------------------|-----------------------------|-----------------|-----------|
| Ground block                          | green/yellow WKFN 2,5 ESL-K | 56.703.4955.0   | 100       |
| <b>GENERAL DATA</b>                   |                             |                 |           |
| Width / length / height, incl. TS 7.5 | 5 mm / 68 mm / 42 mm        |                 |           |
| Wire strip length                     | 11 mm                       |                 |           |
| Approvals                             |                             |                 |           |
| <b>TECHNICAL DATA</b>                 |                             | <b>IEC</b>      |           |
|                                       |                             | EN 60 947-7-2   |           |
| Cross section fine-stranded           | 0.13 – 2.5 mm <sup>2</sup>  |                 |           |
| Cross section solid/stranded          | 0.13 – 4 mm <sup>2</sup>    |                 |           |
| Cross section, AWG                    |                             |                 |           |
| Rated current                         |                             |                 |           |
| Rated voltage                         | 500 V                       |                 |           |
| Rated impulse voltage                 | 6 kV                        |                 |           |
| Pollution degree                      | 3                           |                 |           |
| <b>ACCESSORIES</b>                    |                             | <b>Part No.</b> |           |
| End plate                             | gray APFN 2,5 E-K           | 07.313.5155.0   | 10        |

## WKFN 2,5 E/D/SL/35

## WKFN 2,5 E/N/SL/35

- Multi-tier block, combined, with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                | Type | Part No.           | Std. Pack     |
|----------------------------|------|--------------------|---------------|
| Multi-tier block, combined | gray | WKFN 2,5 E/D/SL/35 | 56.703.7855.0 |
| Multi-tier block, combined | gray | WKFN 2,5 E/N/SL/35 | 56.703.7755.0 |

### GENERAL DATA

|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 82 mm / 48 mm |
| Wire strip length                     | 11 mm                |
| Approvals                             |                      |

### TECHNICAL DATA

| IEC                          | UL      | CSA     |
|------------------------------|---------|---------|
| EN 60 947-7-1                |         |         |
| Cross section fine-stranded  |         |         |
| Cross section solid/stranded |         |         |
| Cross section, AWG           | 22 – 12 | 24 – 12 |
| Rated current                | 24 A    | 24 A    |
| Rated voltage                | 500 V   | 300 V   |
| Rated impulse voltage        | 6 kV    |         |
| Pollution degree             | 3       |         |

### WKFN 2,5 E/D/SL/35

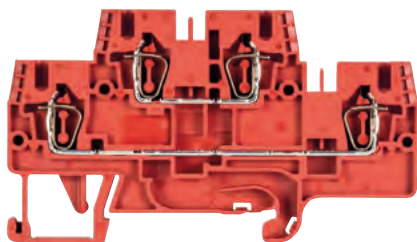
|            | Function         | Color ID     |
|------------|------------------|--------------|
| Upper tier | Feed-through     | gray         |
| Lower tier | Ground conductor | green/yellow |

### WKFN 2,5 E/N/SL/35

|            | Function         | Color ID     |
|------------|------------------|--------------|
| Upper tier | Feed-through     | blue         |
| Lower tier | Ground conductor | green/yellow |

## WKFN 2,5 E...G

- Multi-tier function block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description               | Type   | Part No.         | Std. Pack     |
|---------------------------|--------|------------------|---------------|
| Multi-tier function block | red    | WKFN 2,5 E.../35 | 56.703.XX55.5 |
| Multi-tier function block | orange | WKFN 2,5 E.../35 | 56.703.XX55.9 |

### GENERAL DATA

|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 82 mm / 48 mm |
| Wire strip length                     | 11 mm                |
| Approvals                             |                      |

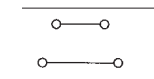
### TECHNICAL DATA

| IEC                          | UL      | CSA     |
|------------------------------|---------|---------|
| EN 60 947-7-1                |         |         |
| Cross section fine-stranded  |         |         |
| Cross section solid/stranded |         |         |
| Cross section, AWG           | 22 – 12 | 24 – 12 |

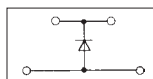
## FUNCTION DIAGRAM FOR FASIS WKFN 2,5 E...

The multi-tier block is available on request as a function block for a wide variety of switching tasks.

56.703.7555.9  
56.703.7555.5

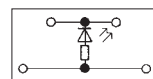


56.703.8255.5



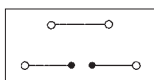
I = 1 A  
U = 1000 V

56.703.7455.9  
LED red

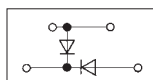


R = 4.7 kΩ  
P = 0.5 W  
U = 24 V DC

56.703.7155.5  
56.703.7155.9

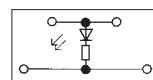


56.703.7955.5



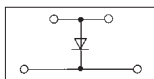
I = 1 A  
U = 1000 V

56.703.7255.5  
LED red



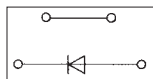
R = 4.7 kΩ  
P = 0.5 W  
U = 24 V DC

56.703.8155.9



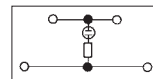
I = 1 A  
U = 1000 V

56.703.8355.5



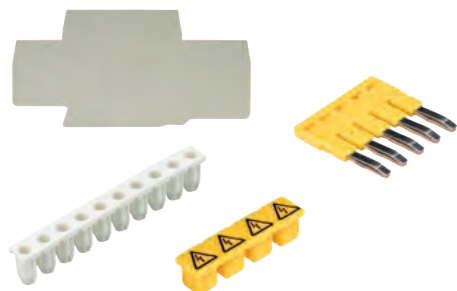
I = 1 A  
U = 1000 V

56.703.7355.5



R = 680 kΩ  
P = 0.25 W  
U = 100-500 V

## ACCESSORIES FOR FASIS WKFN 2,5 E



| ACCESSORIES                             | Type                       | Part No.           | Std. Pack     |
|-----------------------------------------|----------------------------|--------------------|---------------|
| End plate                               | gray                       | APFN 2,5 E         | 07.312.7355.0 |
| Partition                               | gray                       | WFN 2,5 E          | 07.312.7455.0 |
| Cross connector, insulated              | 2-pole                     | IVB WKF 2,5 – 2    | Z7.280.6227.0 |
|                                         | 3-pole                     | IVB WKF 2,5 – 3    | Z7.280.6327.0 |
|                                         | 4-pole                     | IVB WKF 2,5 – 4    | Z7.280.6427.0 |
|                                         | 5-pole                     | IVB WKF 2,5 – 5    | Z7.280.6527.0 |
|                                         | 10-pole                    | IVB WKF 2,5 – 10   | Z7.280.7027.0 |
|                                         | 20-pole                    | IVB WKF 2,5 – 20   | Z7.280.8027.0 |
| Vertical cross connector                | 1-pole                     | IVB WKF-V          | Z7.261.1127.0 |
| Wire entry guide                        | 0.13 – 0.2 mm <sup>2</sup> | LELN 2,5/1 WEISS   | 05.564.3755.0 |
|                                         | 0.25 – 0.5 mm <sup>2</sup> | LELN 2,5/2 GRAU    | 05.564.3855.0 |
|                                         | 0.75 – 1.0 mm <sup>2</sup> | LELN 2,5/3 SCHWARZ | 05.564.3955.0 |
| Cover with warning symbol over 4 blocks | yellow                     | ADFN 2,5/4 GELB    | 04.343.8353.8 |
| Marking tag carrier, 3-fold             |                            | BT 5/3             | 04.243.0755.0 |

Technical information see FACTS & DATA page 158 ff.

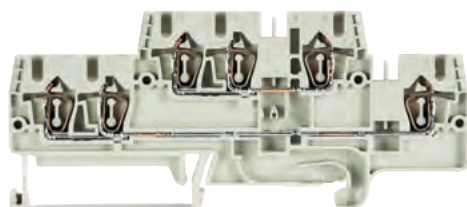
Subject to technical modifications

# FASIS WKFN · DUO MULTI-TIER TERMINAL BLOCKS WITH TENSION SPRING CONNECTION

## WKFN 2,5 E1/2/35

### WKFN 2,5 E1/2/N/D/35

- Duo multi-tier block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                | Type | Part No.             | Std. Pack     |
|----------------------------|------|----------------------|---------------|
| Multi-tier block           | gray | WKFN 2,5 E1/2/35     | 56.703.6055.0 |
| Multi-tier block, combined | gray | WKFN 2,5 E1/2/N/D/35 | 56.703.6355.0 |

| GENERAL DATA                          |                                                                                                                                                                                                                                                                                                                                                           |    |     |                                                                                     |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----|-------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 107 mm / 48 mm                                                                                                                                                                                                                                                                                                                                     |    |     |                                                                                     |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                                     |    |     |                                                                                     |
| Approvals                             | PTB    USA-Ex  CAN-Ex |    |     | PTB 04 ATEX 1051 U                                                                  |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                                                                                       | UL | CSA |  |
| Cross section fine-stranded           | EN 60 947-7-1                                                                                                                                                                                                                                                                                                                                             |    |     |                                                                                     |
| Cross section solid/stranded          | 0.13 – 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                |    |     |                                                                                     |
| Cross section, AWG                    | 22 – 12                                                                                                                                                                                                                                                                                                                                                   |    |     |                                                                                     |
| Rated current                         | 22 A                                                                                                                                                                                                                                                                                                                                                      |    |     |                                                                                     |
| Rated voltage                         | 500 V                                                                                                                                                                                                                                                                                                                                                     |    |     |                                                                                     |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                                                                                                                                                                                                      |    |     |                                                                                     |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                         |    |     |                                                                                     |

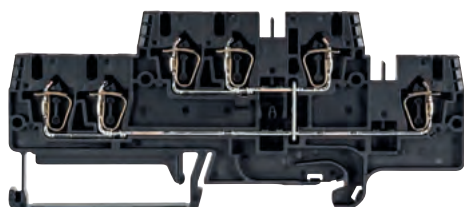
#### Note

<sup>1)</sup> 1. value at 40 K / 2. value at 45 K

<sup>2)</sup> When using cross connectors on the upper tier

## WKFN 2,5 E1/2/VB/35

- Duo multi-tier block, vertically connected, with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description      | Type  | Part No.            | Std. Pack     |
|------------------|-------|---------------------|---------------|
| Multi-tier block | black | WKFN 2,5 E1/2/VB/35 | 56.703.5955.1 |

| GENERAL DATA                          |                                                                                                                                                                                                                                                                                                                                                                   |    |     |                                                                                       |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----|---------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 107 mm / 48 mm                                                                                                                                                                                                                                                                                                                                             |    |     |                                                                                       |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                                             |    |     |                                                                                       |
| Approvals                             | PTB    USA-Ex  CAN-Ex |    |     | PTB 04 ATEX 1051 U                                                                    |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                                                                                               | UL | CSA |  |
| Cross section fine-stranded           | EN 60 947-7-1                                                                                                                                                                                                                                                                                                                                                     |    |     |                                                                                       |
| Cross section solid/stranded          | 0.13 – 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                        |    |     |                                                                                       |
| Cross section, AWG                    | 22 – 12                                                                                                                                                                                                                                                                                                                                                           |    |     |                                                                                       |
| Rated current                         | 22 A                                                                                                                                                                                                                                                                                                                                                              |    |     |                                                                                       |
| Rated voltage                         | 500 V                                                                                                                                                                                                                                                                                                                                                             |    |     |                                                                                       |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                                                                                                                                                                                                              |    |     |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                                 |    |     |                                                                                       |

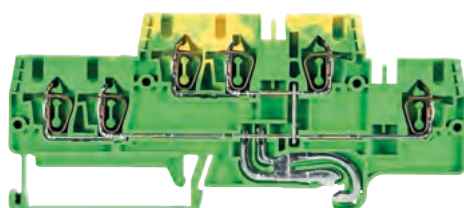
#### Note

<sup>1)</sup> 1. value at 40 K / 2. value at 45 K

| ACCESSORIES | Type | Part No.      | Std. Pack     |
|-------------|------|---------------|---------------|
| Partition   | gray | TWFN 2,5 E1/2 | 07.312.7855.0 |

## WKFN 2,5 E1/2/SL/35

- Duo multi-tier ground block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description  | Type         | Part No.            | Std. Pack     |
|--------------|--------------|---------------------|---------------|
| Ground block | green/yellow | WKFN 2,5 E1/2/SL/35 | 56.703.6255.0 |

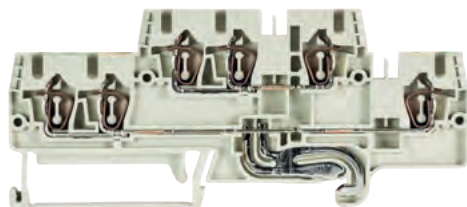
| GENERAL DATA                          |                                                                                                                                                                                                                                                                                                                                                                   |    |     |                                                                                       |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-----|---------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 107 mm / 48 mm                                                                                                                                                                                                                                                                                                                                             |    |     |                                                                                       |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                                             |    |     |                                                                                       |
| Approvals                             | PTB    USA-Ex  CAN-Ex |    |     | PTB 04 ATEX 1051 U                                                                    |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                                                                                               | UL | CSA |  |
| Cross section fine-stranded           | EN 60 947-7-2                                                                                                                                                                                                                                                                                                                                                     |    |     |                                                                                       |
| Cross section solid/stranded          | 0.13 – 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                        |    |     |                                                                                       |
| Cross section, AWG                    | 22 – 12                                                                                                                                                                                                                                                                                                                                                           |    |     |                                                                                       |
| Rated current                         | 22 A                                                                                                                                                                                                                                                                                                                                                              |    |     |                                                                                       |
| Rated voltage                         | 500 V                                                                                                                                                                                                                                                                                                                                                             |    |     |                                                                                       |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                                                                                                                                                                                                              |    |     |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                                 |    |     |                                                                                       |

More accessories page 130 ff.



## WKFN 2,5 E1/2/D/SL/35 WKFN 2,5 E1/2/N/SL/35

- Duo multi-tier block, combined, with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                           | Type                       | Part No.              | Std. Pack            |
|---------------------------------------|----------------------------|-----------------------|----------------------|
| Multi-tier block, combined            | gray                       | WKFN 2,5 E1/2/D/SL/35 | 56.703.6155.0        |
| Multi-tier block, combined            | gray                       | WKFN 2,5 E1/2/N/SL/35 | 56.703.6455.0        |
| <b>GENERAL DATA</b>                   |                            |                       |                      |
| Width / length / height, incl. TS 7.5 | 5 mm / 107 mm / 48 mm      |                       |                      |
| Wire strip length                     | 11 mm                      |                       |                      |
| Approvals                             |                            |                       |                      |
| <b>TECHNICAL DATA</b>                 |                            | <b>IEC</b>            | <b>UL</b> <b>CSA</b> |
| Cross section fine-stranded           | EN 60 947-7-1              |                       |                      |
| Cross section solid/stranded          | 0.13 – 2.5 mm <sup>2</sup> |                       |                      |
| Cross section, AWG                    | 22 – 12                    |                       |                      |
| Rated current                         | 20 A                       |                       |                      |
| Rated voltage                         | 300 V                      |                       |                      |
| Rated impulse voltage                 | 6 kV                       |                       |                      |
| Pollution degree                      | 3                          |                       |                      |

## COLOR CODE

### WKFN 2,5 E1/2/35

Block color: gray

|            | Function     | Color ID |
|------------|--------------|----------|
| Upper tier | Feed-through | gray     |
| Lower tier | Feed-through | gray     |

### WKFN 2,5 E1/2/D/SL/35

Block color: gray

|            | Function         | Color ID     |
|------------|------------------|--------------|
| Upper tier | Feed-through     | gray         |
| Lower tier | Ground conductor | green/yellow |

### WKFN 2,5 E1/2/N/D/35

Block color: gray

|            | Function     | Color ID |
|------------|--------------|----------|
| Upper tier | Feed-through | blue     |
| Lower tier | Feed-through | gray     |

### WKFN 2,5 E1/2/N/SL/35

Block color: gray

|            | Function         | Color ID     |
|------------|------------------|--------------|
| Upper tier | Feed-through     | blue         |
| Lower tier | Ground conductor | green/yellow |

### WKFN 2,5 E1/2/VB/35

Block color: black

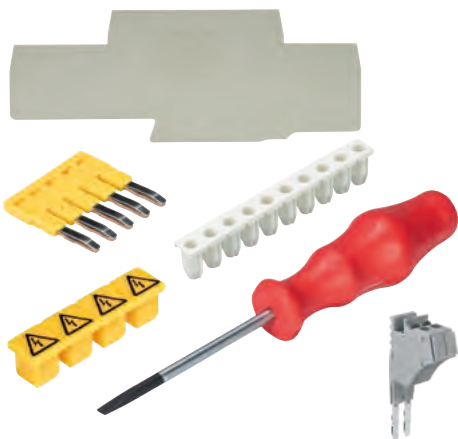
|            | Function       | Color ID |
|------------|----------------|----------|
| Upper tier | Feed-through   | black    |
| Lower tier | vert. jumpered | black    |

### WKFN 2,5 E1/2/SL/35

Block color: green/yellow

|            | Function         | Color ID     |
|------------|------------------|--------------|
| Upper tier | Ground conductor | green/yellow |
| Lower tier | vert. jumpered   | green/yellow |

## ACCESSORIES FOR FASIS WKFN 2,5 E1/2

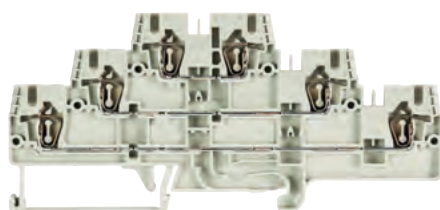


| ACCESSORIES                             | Type                       | Part No.           | Std. Pack     |
|-----------------------------------------|----------------------------|--------------------|---------------|
| End plate                               | gray                       | APFN 2,5 E1/2      | 07.312.7755.0 |
| Partition                               | gray                       | TWPN 2,5 E1/2      | 07.312.7855.0 |
| Cross connector, insulated              | 2-pole                     | IVB WKF 2,5 – 2    | Z7.280.6227.0 |
|                                         | 3-pole                     | IVB WKF 2,5 – 3    | Z7.280.6327.0 |
|                                         | 4-pole                     | IVB WKF 2,5 – 4    | Z7.280.6427.0 |
|                                         | 5-pole                     | IVB WKF 2,5 – 5    | Z7.280.6527.0 |
|                                         | 10-pole                    | IVB WKF 2,5 – 10   | Z7.280.7027.0 |
|                                         | 20-pole                    | IVB WKF 2,5 – 20   | Z7.280.8027.0 |
| Vertical cross connector                | 1-pole                     | IVB WKF-V          | Z7.261.1127.0 |
| Wire entry guide                        | 0.13 – 0.2 mm <sup>2</sup> | LELN 2,5/1 WEISS   | 05.564.3755.0 |
|                                         | 0.25 – 0.5 mm <sup>2</sup> | LELN 2,5/2 GRAU    | 05.564.3855.0 |
|                                         | 0.75 – 1.0 mm <sup>2</sup> | LELN 2,5/3 SCHWARZ | 05.564.3955.0 |
| Cover with warning symbol over 4 blocks | yellow                     | ADFN 2,5/4 GELB    | 04.343.8353.8 |
| Marking tag carrier, 2-fold             | BT 5/2                     |                    | 04.243.0855.0 |
| Test adapter, modular                   | PS WKC/F                   |                    | Z1.299.9753.0 |
| Test plug                               | ST 2/2,3                   |                    | Z5.553.2921.0 |
| Screwdriver, uninsulated                | DIN 5264 B 0,6x3,5         |                    | 06.502.4000.0 |
| Screwdriver, uninsulated, MINI          | DIN 5264 B 0,6x3,5 M       |                    | 06.502.5000.0 |

# FASIS WKFN · MULTI-TIER TERMINAL BLOCKS WITH TENSION SPRING CONNECTION

## WKFN 2,5 E3/35

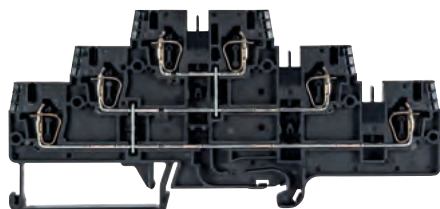
- Multi-tier block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                                                                                                                                                                                                                                                                                         | Part No.      | Std. Pack |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|-----------|
| Multi-tier block                      | gray WKFN 2,5 E3/35                                                                                                                                                                                                                                                                                                                                                          | 56.703.3055.0 | 50        |
| GENERAL DATA                          |                                                                                                                                                                                                                                                                                                                                                                              |               |           |
| Width / length / height, incl. TS 7.5 | 5 mm / 123 mm / 59 mm                                                                                                                                                                                                                                                                                                                                                        |               |           |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                                                        |               |           |
| Approvals                             | PTB    USA-Ex  PTB 04 ATEX 1051 U |               |           |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                                                                                                          | UL            | CSA       |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                                                                                                                                                |               |           |
| Cross section fine-stranded           | 0.13 – 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                   |               |           |
| Cross section solid/stranded          | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                     |               |           |
| Cross section, AWG                    | 22 – 12                                                                                                                                                                                                                                                                                                                                                                      | 24 – 12       |           |
| Rated current                         | 20 A                                                                                                                                                                                                                                                                                                                                                                         | 20 A          | 24 A      |
| Rated voltage                         | 500 V                                                                                                                                                                                                                                                                                                                                                                        | 300 V         | 300 V     |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                                                                                                                                                                                                                         |               |           |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                                            |               |           |
| Note                                  | <sup>1)</sup> 1. value at 40 K / 2. value at 45 K<br><sup>2)</sup> When using cross connectors on the upper tier                                                                                                                                                                                                                                                             |               |           |

## WKFN 2,5 E3/VB/35

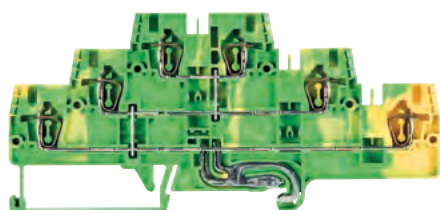
- Multi-tier block, vertically connected, with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                           | Type                                                                                                                                                                                                                                                                                                                                                                                                                                           | Part No.      | Std. Pack                                                                             |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------|
| Multi-tier block                      | black WKFN 2,5 E3/VB/35                                                                                                                                                                                                                                                                                                                                                                                                                        | 56.703.2955.1 | 50                                                                                    |
| GENERAL DATA                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                                                                       |
| Width / length / height, incl. TS 7.5 | 5 mm / 123 mm / 59 mm                                                                                                                                                                                                                                                                                                                                                                                                                          |               |                                                                                       |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                                                                                                                          |               |                                                                                       |
| Approvals                             | PTB      |               | PTB 04 ATEX 1051 U                                                                    |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                                                                                                                                                                            | UL            | CSA                                                                                   |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                                                                                                                                                                                                                  |               |  |
| Cross section fine-stranded           | 0.13 – 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                     |               | EN 60 079-0/-7                                                                        |
| Cross section solid/stranded          | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                                                                                                       |               | 0.2 – 2.5 mm <sup>2</sup>                                                             |
| Cross section, AWG                    | 22 – 12                                                                                                                                                                                                                                                                                                                                                                                                                                        |               | 0.13 – 4 mm <sup>2</sup>                                                              |
| Rated current                         | 20 A                                                                                                                                                                                                                                                                                                                                                                                                                                           | 20 A          | 24 A                                                                                  |
| Rated voltage                         | 500 V                                                                                                                                                                                                                                                                                                                                                                                                                                          | 600 V         | 600 V                                                                                 |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                                                                                                              |               |                                                                                       |
| Note                                  | 1. value at 40 K / 2. value at 45 K                                                                                                                                                                                                                                                                                                                                                                                                            |               |                                                                                       |

## WKFN 2,5 E3/SL/35

- Multi-tier ground block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



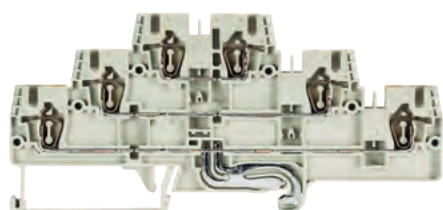
| Description                           | Type                                                                                                                                                                                                                                                                                                                                                            | Part No.      | Std. Pack                                                                             |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------------------------------------------------------------------------------|
| Multi-tier ground block               | green/yellow WKFN 2,5 E/SL/35                                                                                                                                                                                                                                                                                                                                   | 56.703.8855.0 | 50                                                                                    |
| GENERAL DATA                          |                                                                                                                                                                                                                                                                                                                                                                 |               |                                                                                       |
| Width / length / height, incl. TS 7.5 | 5 mm / 123 mm / 59 mm                                                                                                                                                                                                                                                                                                                                           |               |                                                                                       |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                                                                                                           |               |                                                                                       |
| Approvals                             | PTB     CAN-Ex |               | PTB 04 ATEX 1051 U                                                                    |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                                                                                                             | UL            | CSA                                                                                   |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                                                                                                                                   |               |  |
| Cross section fine-stranded           | 0.13 – 2.5 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                      |               | EN 60 079-0/-7                                                                        |
| Cross section solid/stranded          | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                                                                                                        |               | 0.2 – 2.5 mm <sup>2</sup>                                                             |
| Cross section, AWG                    | 22 – 12                                                                                                                                                                                                                                                                                                                                                         |               | 0.13 – 4 mm <sup>2</sup>                                                              |
| Rated current                         |                                                                                                                                                                                                                                                                                                                                                                 | 24 – 12       |                                                                                       |
| Rated voltage                         | 500 V                                                                                                                                                                                                                                                                                                                                                           | 600 V         | 600 V                                                                                 |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                                                                                                                                                                                                            |               |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                                                                                                               |               |                                                                                       |

# FASIS WKFN · MULTI-TIER / MOTOR CONNECTION BLOCK WITH TENSION SPRING CONNECTION

## WKFN 2,5 E3/D/D/SL/35

## WKFN 2,5 E3/N/D/SL/35

- Multi-tier block, combined, with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description      | Type                       | Part No.      | Std. Pack |
|------------------|----------------------------|---------------|-----------|
| Multi-tier block | gray WKFN 2,5 E3/D/D/SL/35 | 56.703.3355.0 | 50        |
| Multi-tier block | gray WKFN 2,5 E3/N/D/SL/35 | 56.703.3255.0 | 50        |

### GENERAL DATA

|                                       |                       |
|---------------------------------------|-----------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 123 mm / 59 mm |
| Wire strip length                     | 11 mm                 |
| Approvals                             | UL, CE                |

### TECHNICAL DATA

| IEC                          | UL      | CSA     |
|------------------------------|---------|---------|
| EN 60 947-7-1                |         |         |
| Cross section fine-stranded  |         |         |
| Cross section solid/stranded |         |         |
| Cross section, AWG           | 22 – 12 | 24 – 12 |
| Rated current                | 20 A    | 24 A    |
| Rated voltage                | 500 V   | 300 V   |
| Rated impulse voltage        | 6 kV    |         |
| Pollution degree             | 3       |         |

### WKFN 2,5 E3/N/D/SL/35

Block color: gray

|             | Function         | Color ID     |
|-------------|------------------|--------------|
| Upper tier  | Feed-through     | blue         |
| Center tier | Feed-through     | gray         |
| Lower tier  | Ground conductor | green/yellow |

### WKFN 2,5 E3/D/D/SL/35

Block color: gray

|             | Function         | Color ID     |
|-------------|------------------|--------------|
| Upper tier  | Feed-through     | gray         |
| Center tier | Feed-through     | gray         |
| Lower tier  | Ground conductor | green/yellow |

## WKF 4 3D/SL

- Motor connection block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>



| Description            | Type             | Part No.      | Std. Pack |
|------------------------|------------------|---------------|-----------|
| Motor connection block | gray WKF 4 3D/SL | 56.704.8453.0 | 50        |

### GENERAL DATA

|                                       |                       |
|---------------------------------------|-----------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 100 mm / 84 mm |
| Wire strip length                     | 10 mm                 |
| Approvals                             | UL, CE                |

### TECHNICAL DATA

| IEC                           | UL      | CSA     |
|-------------------------------|---------|---------|
| EN 60 947-7-1/DIN VDE 0611 T1 |         |         |
| Cross section fine-stranded   |         |         |
| Cross section solid/stranded  |         |         |
| Cross section, AWG            | 28 – 10 | 28 – 10 |
| Rated current                 | 28 A    | 30 A    |
| Rated voltage                 | 800 V   | 600 V   |
| Rated impulse voltage         | 8 kV    |         |
| Pollution degree              | 3       |         |

## ACCESSORIES FOR FASIS WKFN 2,5 E3



| ACCESSORIES                             | Type                                          | Part No.      | Std. Pack |
|-----------------------------------------|-----------------------------------------------|---------------|-----------|
| End plate                               | gray APFN 2,5 E3                              | 07.312.7555.0 | 10        |
| Partition                               | gray TWFN 2,5 E3                              | 07.312.7655.0 | 10        |
| Cross connector, insulated              | 2-pole IVB WKF 2,5 – 2                        | Z7.280.6227.0 | 10        |
|                                         | 3-pole IVB WKF 2,5 – 3                        | Z7.280.6327.0 | 10        |
|                                         | 4-pole IVB WKF 2,5 – 4                        | Z7.280.6427.0 | 10        |
|                                         | 5-pole IVB WKF 2,5 – 5                        | Z7.280.6527.0 | 10        |
|                                         | 10-pole IVB WKF 2,5 – 10                      | Z7.280.7027.0 | 20        |
|                                         | 20-pole IVB WKF 2,5 – 20                      | Z7.280.8027.0 | 20        |
| Vertical cross connector                | 1-pole IVB WKF-V                              | Z7.261.1127.0 | 10        |
| Wire entry guide                        | 0.13 – 0.2 mm <sup>2</sup> LELN 2,5/1 WEISS   | 05.564.3755.0 | 100       |
|                                         | 0.25 – 0.5 mm <sup>2</sup> LELN 2,5/2 GRAU    | 05.564.3855.0 | 100       |
|                                         | 0.75 – 1.0 mm <sup>2</sup> LELN 2,5/3 SCHWARZ | 05.564.3955.0 | 100       |
| Cover with warning symbol over 4 blocks | yellow ADFN 2,5/4 GELB                        | 04.343.8353.8 | 10        |
| Marking tag carrier, 2-fold             | BT 5/2                                        | 04.243.0855.0 | 100       |

Technical information see FACTS & DATA page 158 ff.

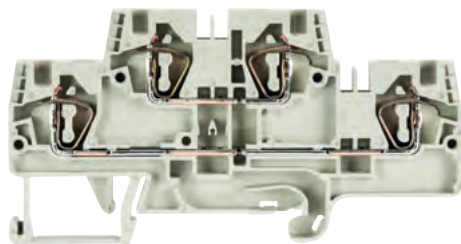
Subject to technical modifications

# FASIS WKFN · MULTI-TIER TERMINAL BLOCKS WITH TENSION SPRING CONNECTION

## WKFN 4 E/35

### WKFN 4 E/N/D/35

- Multi-tier block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description                | Type | Part No.        | Std. Pack     |
|----------------------------|------|-----------------|---------------|
| Multi-tier block           | gray | WKFN 4 E/35     | 56.704.7055.0 |
| Multi-tier block, combined | gray | WKFN 4 E/N/D/35 | 56.704.7655.0 |

| GENERAL DATA                          |                                                                                                                                                                                                                                                                       |         |         |                                                                                     |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|-------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 90 mm / 48 mm                                                                                                                                                                                                                                                  |         |         |                                                                                     |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                 |         |         |                                                                                     |
| Approvals                             | PTB    CAN-Ex |         |         | PTB 05 ATEX 1104 U                                                                  |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                   | UL      | CSA     |  |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                                         |         |         | EN 60 079-0/-7                                                                      |
| Cross section fine-stranded           | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                              |         |         | 0.13 – 4 mm <sup>2</sup>                                                            |
| Cross section solid/stranded          | 0.13 – 6 mm <sup>2</sup>                                                                                                                                                                                                                                              |         |         | 0.2 – 6 mm <sup>2</sup>                                                             |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                       | 24 – 10 | 24 – 10 |                                                                                     |
| Rated current                         | 32 A                                                                                                                                                                                                                                                                  | 30 A    | 32 A    | 27/29 A <sup>1)</sup>                                                               |
| Rated voltage                         | 500 V                                                                                                                                                                                                                                                                 | 300 V   | 300 V   | 440/352 V <sup>3)</sup>                                                             |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                                                                                                                  |         |         |                                                                                     |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                     |         |         |                                                                                     |

#### Note

<sup>1)</sup> 1. value at 40 K / 2. value at 45 K

<sup>2)</sup> When cross connectors are used acc. to EN 60079-0 and EN 60079-7 the current must be reduced to 2 A at 45 K.

<sup>3)</sup> When using cross connectors on the upper tier

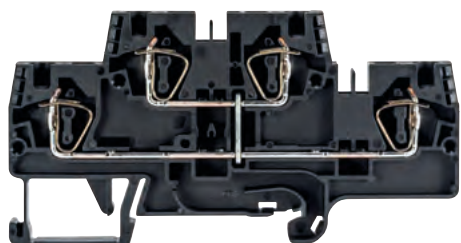
### WKFN 4 E/N/D/35

Block color: gray

|            | Function     | Color ID |
|------------|--------------|----------|
| Upper tier | Feed-through | blue     |
| Lower tier | Feed-through | gray     |

## WKFN 4 E/VB/35

- Multi-tier block, vertically connected, with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description      | Type  | Part No.       | Std. Pack     |
|------------------|-------|----------------|---------------|
| Multi-tier block | black | WKFN 4 E/VB/35 | 56.704.6955.1 |

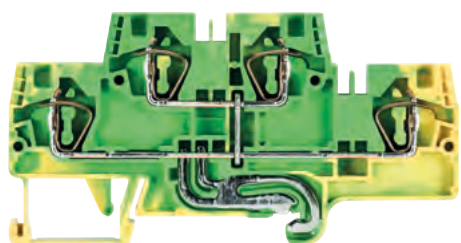
| GENERAL DATA                          |                                                                                                                                                                                                                                                                             |         |         |                                                                                       |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|---------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 90 mm / 48 mm                                                                                                                                                                                                                                                        |         |         |                                                                                       |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                       |         |         |                                                                                       |
| Approvals                             | PTB    CAN-Ex |         |         | PTB 05 ATEX 1104 U                                                                    |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                         | UL      | CSA     |  |
|                                       | EN 60 947-7-1                                                                                                                                                                                                                                                               |         |         | EN 60 079-0/-7                                                                        |
| Cross section fine-stranded           | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                    |         |         | 0.13 – 4 mm <sup>2</sup>                                                              |
| Cross section solid/stranded          | 0.13 – 6 mm <sup>2</sup>                                                                                                                                                                                                                                                    |         |         | 0.2 – 6 mm <sup>2</sup>                                                               |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                             | 24 – 10 | 24 – 10 |                                                                                       |
| Rated current                         | 32 A                                                                                                                                                                                                                                                                        | 30 A    | 32 A    | 30/31 A <sup>1)</sup>                                                                 |
| Rated voltage                         | 500 V                                                                                                                                                                                                                                                                       | 600 V   | 300 V   | 440 V                                                                                 |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                                                                                                                        |         |         |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                           |         |         |                                                                                       |

#### Note

<sup>1)</sup> 1. value at 40 K / 2. value at 45 K

## WKFN 4 E/SL/35

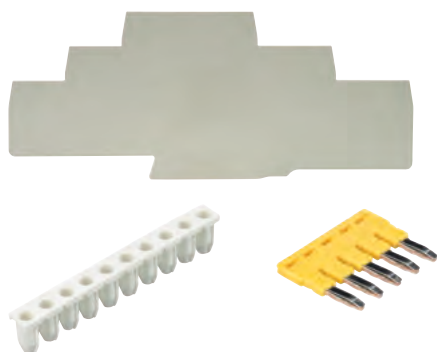
- Multi-tier ground block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description             | Type         | Part No.       | Std. Pack     |
|-------------------------|--------------|----------------|---------------|
| Multi-tier ground block | green/yellow | WKFN 4 E SL/35 | 56.704.9255.0 |

| GENERAL DATA                          |                                                                                                                                                                                                                                                                             |         |         |                                                                                       |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|---------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 90 mm / 48 mm                                                                                                                                                                                                                                                        |         |         |                                                                                       |
| Wire strip length                     | 11 mm                                                                                                                                                                                                                                                                       |         |         |                                                                                       |
| Approvals                             | PTB    CAN-Ex |         |         | PTB 05 ATEX 1104 U                                                                    |
| TECHNICAL DATA                        | IEC                                                                                                                                                                                                                                                                         | UL      | CSA     |  |
|                                       | EN 60 947-7-2                                                                                                                                                                                                                                                               |         |         | EN 60 079-0/-7                                                                        |
| Cross section fine-stranded           | 0.13 – 4 mm <sup>2</sup>                                                                                                                                                                                                                                                    |         |         | 0.13 – 4 mm <sup>2</sup>                                                              |
| Cross section solid/stranded          | 0.13 – 6 mm <sup>2</sup>                                                                                                                                                                                                                                                    |         |         | 0.2 – 6 mm <sup>2</sup>                                                               |
| Cross section, AWG                    |                                                                                                                                                                                                                                                                             | 24 – 10 | 24 – 10 |                                                                                       |
| Rated current                         |                                                                                                                                                                                                                                                                             |         |         |                                                                                       |
| Rated voltage                         | 500 V                                                                                                                                                                                                                                                                       | 600 V   | 600 V   |                                                                                       |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                                                                                                                        |         |         |                                                                                       |
| Pollution degree                      | 3                                                                                                                                                                                                                                                                           |         |         |                                                                                       |

## ACCESSORIES FOR FASIS WKFN 4



| ACCESSORIES                         | Type                                       | Part No.      | Std. Pack |
|-------------------------------------|--------------------------------------------|---------------|-----------|
| End plate                           | gray APFN 4 E...                           | 07.312.9655.0 | 10        |
| Partition                           | gray TWFN 4 E...                           | 07.312.9755.0 | 10        |
| Cross connector, insulated          | 2-pole IVB WKF 4 – 2                       | Z7.261.1227.0 | 10        |
|                                     | 3-pole IVB WKF 4 – 3                       | Z7.261.1327.0 | 10        |
|                                     | 4-pole IVB WKF 4 – 4                       | Z7.261.1427.0 | 10        |
|                                     | 5-pole IVB WKF 4 – 5                       | Z7.261.1527.0 | 10        |
|                                     | 6-pole IVB WKF 4 – 6                       | Z7.261.1627.0 | 10        |
|                                     | 7-pole IVB WKF 4 – 7                       | Z7.261.1727.0 | 20        |
|                                     | 8-pole IVB WKF 4 – 8                       | Z7.261.1827.0 | 20        |
| Vertical cross connector, insulated | 9-pole IVB WKF 4 – 9                       | Z7.261.1927.0 | 20        |
|                                     | 10-pole IVB WKF 4 – 10                     | Z7.261.2027.0 | 20        |
| Wire entry guide                    | 1-pole IVB WKF-V                           | Z7.261.1127.0 | 10        |
|                                     | 0.13 – 0.2 mm <sup>2</sup> LEL 4/1 WEISS   | 05.561.8553.0 | 100       |
|                                     | 0.25 – 0.5 mm <sup>2</sup> LEL 4/2 GRAU    | 05.561.8653.0 | 100       |
|                                     | 0.75 – 1.0 mm <sup>2</sup> LEL 4/3 SCHWARZ | 05.561.8753.0 | 100       |

Technical information see FACTS & DATA page 158 ff.

Subject to technical modifications



# FASIS WKFN · KNIFE DISCONNECT TERMINAL BLOCKS WITH TENSION SPRING CONNECTION

## WKFN 2,5 TKM/35

- Knife disconnect terminal block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                           | Type                                                                                                                                                                 | Part No.        | Std. Pack        |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|
| Disconnect terminal block             | gray WKFN 2,5 TKM/35                                                                                                                                                 | 56.703.5355.0   | 100              |
| <b>GENERAL DATA</b>                   |                                                                                                                                                                      |                 |                  |
| Width / length / height, incl. TS 7.5 | 5 mm / 60 mm / 38 mm                                                                                                                                                 |                 |                  |
| Wire strip length                     | 11 mm                                                                                                                                                                |                 |                  |
| Approvals                             |   |                 |                  |
| <b>TECHNICAL DATA</b>                 | <b>IEC</b>                                                                                                                                                           | <b>UL</b>       | <b>CSA</b>       |
|                                       | EN 60 947-7-1                                                                                                                                                        |                 |                  |
| Cross section fine-stranded           | 0.14 – 2.5 mm <sup>2</sup>                                                                                                                                           |                 |                  |
| Cross section solid/stranded          | 0.2 – 4 mm <sup>2</sup>                                                                                                                                              |                 |                  |
| Cross section, AWG                    |                                                                                                                                                                      | 24 – 12         | 24 – 12          |
| Rated current                         | 20 A                                                                                                                                                                 | 19 A            | 20 A             |
| Rated voltage                         | 630 V                                                                                                                                                                | 300 V           | 300 V            |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                 |                 |                  |
| Pollution degree                      | 3                                                                                                                                                                    |                 |                  |
| <b>ACCESSORIES</b>                    | <b>Type</b>                                                                                                                                                          | <b>Part No.</b> | <b>Std. Pack</b> |
| End plate                             | gray APFN 2,5 D1/2                                                                                                                                                   | 07.312.6955.0   | 10               |
| Partition                             | gray TWFN 2,5 D1/2                                                                                                                                                   | 07.312.7055.0   | 10               |

## WKFN 2,5 TKM 1/2/35

- Duo knife disconnect terminal block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                           | Type                                                                                                                                                                     | Part No.        | Std. Pack        |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|
| Disconnect terminal block             | gray WKFN 2,5 TKM 1/2/35                                                                                                                                                 | 56.703.5455.0   | 100              |
| <b>GENERAL DATA</b>                   |                                                                                                                                                                          |                 |                  |
| Width / length / height, incl. TS 7.5 | 5 mm / 72 mm / 38 mm                                                                                                                                                     |                 |                  |
| Wire strip length                     | 11 mm                                                                                                                                                                    |                 |                  |
| Approvals                             |   |                 |                  |
| <b>TECHNICAL DATA</b>                 | <b>IEC</b>                                                                                                                                                               | <b>UL</b>       | <b>CSA</b>       |
|                                       | EN 60 947-7-1                                                                                                                                                            |                 |                  |
| Cross section fine-stranded           | 0.14 – 2.5 mm <sup>2</sup>                                                                                                                                               |                 |                  |
| Cross section solid/stranded          | 0.2 – 4 mm <sup>2</sup>                                                                                                                                                  |                 |                  |
| Cross section, AWG                    |                                                                                                                                                                          | 24 – 12         | 24 – 12          |
| Rated current                         | 20 A                                                                                                                                                                     | 19 A            | 20 A             |
| Rated voltage                         | 630 V                                                                                                                                                                    | 300 V           | 300 V            |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                     |                 |                  |
| Pollution degree                      | 3                                                                                                                                                                        |                 |                  |
| <b>ACCESSORIES</b>                    | <b>Type</b>                                                                                                                                                              | <b>Part No.</b> | <b>Std. Pack</b> |
| End plate                             | gray APFN 2,5 D2/2                                                                                                                                                       | 07.312.7155.0   | 10               |
| Partition                             | gray TWFN 2,5 D2/2                                                                                                                                                       | 07.312.7255.0   | 10               |

## WKFN 2,5 TKM 2/2/35

- Duo knife disconnect terminal block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                           | Type                                                                                                                                                                     | Part No.        | Std. Pack        |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|
| Disconnect terminal block             | gray WKFN 2,5 TKM 2/2/35                                                                                                                                                 | 56.703.5555.0   | 100              |
| <b>GENERAL DATA</b>                   |                                                                                                                                                                          |                 |                  |
| Width / length / height, incl. TS 7.5 | 5 mm / 85 mm / 38 mm                                                                                                                                                     |                 |                  |
| Wire strip length                     | 11 mm                                                                                                                                                                    |                 |                  |
| Approvals                             |   |                 |                  |
| <b>TECHNICAL DATA</b>                 | <b>IEC</b>                                                                                                                                                               | <b>UL</b>       | <b>CSA</b>       |
|                                       | EN 60 947-7-1                                                                                                                                                            |                 |                  |
| Cross section fine-stranded           | 0.14 – 2.5 mm <sup>2</sup>                                                                                                                                               |                 |                  |
| Cross section solid/stranded          | 0.2 – 4 mm <sup>2</sup>                                                                                                                                                  |                 |                  |
| Cross section, AWG                    |                                                                                                                                                                          | 24 – 12         | 24 – 12          |
| Rated current                         | 20 A                                                                                                                                                                     | 19 A            | 20 A             |
| Rated voltage                         | 630 V                                                                                                                                                                    | 300 V           | 300 V            |
| Rated impulse voltage                 | 6 kV                                                                                                                                                                     |                 |                  |
| Pollution degree                      | 3                                                                                                                                                                        |                 |                  |
| <b>ACCESSORIES</b>                    | <b>Type</b>                                                                                                                                                              | <b>Part No.</b> | <b>Std. Pack</b> |
| End plate                             | gray APFN 2,5 TKM D2/2                                                                                                                                                   | 07.313.0055.0   | 10               |
| Partition                             | gray TWFN 2,5 TKM D2/2                                                                                                                                                   | 07.313.0155.0   | 10               |

# FASIS WKFN · MULTI-TIER DISCONNECT TERMINAL BLOCKS WITH TENSION SPRING CONNECTION

## WKFN 2,5 TKM E1/35

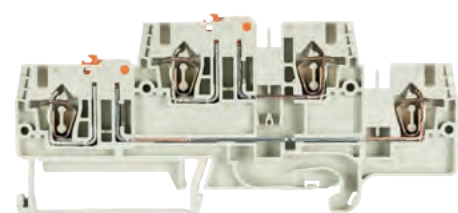
- Multi-tier disconnect terminal block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                           | Type                       | Part No.      | Std. Pack            |
|---------------------------------------|----------------------------|---------------|----------------------|
| Disconnect terminal block             | gray WKFN 2,5 TKM E1/35    | 56.703.6555.0 | 50                   |
| <b>GENERAL DATA</b>                   |                            |               |                      |
| Width / length / height, incl. TS 7.5 | 5 mm / 107 mm / 48 mm      |               |                      |
| Wire strip length                     | 11 mm                      |               |                      |
| Approvals                             |                            |               |                      |
| <b>TECHNICAL DATA</b>                 |                            | <b>IEC</b>    | <b>UL</b> <b>CSA</b> |
|                                       |                            | EN 60 947-7-1 |                      |
| Cross section fine-stranded           | 0.14 – 2.5 mm <sup>2</sup> |               |                      |
| Cross section solid/stranded          | 0.2 – 4 mm <sup>2</sup>    |               |                      |
| Cross section, AWG                    |                            | 24 – 12       | 24 – 12              |
| Rated current                         | 20 A                       | 19 A          | 20 A                 |
| Rated voltage                         | 500 V                      | 300 V         | 300 V                |
| Rated impulse voltage                 | 6 kV                       |               |                      |
| Pollution degree                      | 3                          |               |                      |
| <b>ACCESSORIES</b>                    |                            |               |                      |
| End plate                             | gray APFN 2,5 E1/2         | 07.312.7755.0 | 10                   |
| Partition                             | gray TWFN 2,5 E1/2         | 07.312.7855.0 | 10                   |

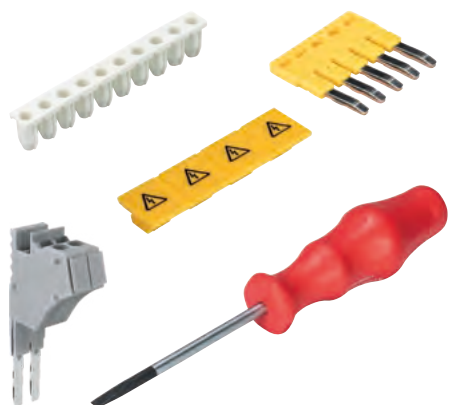
## WKFN 2,5 TKM E2/35

- Multi-tier disconnect terminal block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                           | Type                       | Part No.      | Std. Pack            |
|---------------------------------------|----------------------------|---------------|----------------------|
| Disconnect terminal block             | gray WKFN 2,5 TKM E2/35    | 56.703.6655.0 | 50                   |
| <b>GENERAL DATA</b>                   |                            |               |                      |
| Width / length / height, incl. TS 7.5 | 5 mm / 107 mm / 48 mm      |               |                      |
| Wire strip length                     | 11 mm                      |               |                      |
| Approvals                             |                            |               |                      |
| <b>TECHNICAL DATA</b>                 |                            | <b>IEC</b>    | <b>UL</b> <b>CSA</b> |
|                                       |                            | EN 60 947-7-1 |                      |
| Cross section fine-stranded           | 0.14 – 2.5 mm <sup>2</sup> |               |                      |
| Cross section solid/stranded          | 0.2 – 4 mm <sup>2</sup>    |               |                      |
| Cross section, AWG                    |                            | 24 – 12       | 24 – 12              |
| Rated current                         | 19 A                       | 19 A          | 19 A                 |
| Rated voltage                         | 500 V                      | 300 V         | 300 V                |
| Rated impulse voltage                 | 6 kV                       |               |                      |
| Pollution degree                      | 3                          |               |                      |
| <b>Accessories</b>                    |                            |               |                      |
| End plate                             | gray APFN 2,5 E1/2         | 07.312.7755.0 | 10                   |
| Partition                             | gray TWFN 2,5 E1/2         | 07.312.7855.0 | 10                   |

## ACCESSORIES FOR FASIS WKFN 2,5 TKM



| ACCESSORIES                             | Type                                          | Part No.      | Std. Pack |
|-----------------------------------------|-----------------------------------------------|---------------|-----------|
| Cross connector, insulated              | 2-pole IVB WKF 2,5 – 2                        | Z7.280.6227.0 | 10        |
|                                         | 3-pole IVB WKF 2,5 – 3                        | Z7.280.6327.0 | 10        |
|                                         | 4-pole IVB WKF 2,5 – 4                        | Z7.280.6427.0 | 10        |
|                                         | 5-pole IVB WKF 2,5 – 5                        | Z7.280.6527.0 | 10        |
|                                         | 6-pole IVB WKF 2,5 – 6                        | Z7.280.6627.0 | 10        |
|                                         | 7-pole IVB WKF 2,5 – 7                        | Z7.280.6727.0 | 20        |
|                                         | 8-pole IVB WKF 2,5 – 8                        | Z7.280.6827.0 | 20        |
|                                         | 9-pole IVB WKF 2,5 – 9                        | Z7.280.6927.0 | 20        |
|                                         | 10-pole IVB WKF 2,5 – 10                      | Z7.280.7027.0 | 20        |
|                                         | 20-pole IVB WKF 2,5 – 20                      | Z7.280.8027.0 | 20        |
| Wire entry guide                        | 0.13 – 0.2 mm <sup>2</sup> LELN 2,5/1 WEISS   | 05.564.3755.0 | 100       |
|                                         | 0.25 – 0.5 mm <sup>2</sup> LELN 2,5/2 GRAU    | 05.564.3855.0 | 100       |
|                                         | 0.75 – 1.0 mm <sup>2</sup> LELN 2,5/3 SCHWARZ | 05.564.3955.0 | 100       |
| Cover with warning symbol over 4 blocks | yellow ADFN 2,5/4 GELB                        | 04.343.8353.8 | 10        |
| Test adapter, modular                   | PS WKC/F                                      | Z1.299.9753.0 | 10        |
| Test plug                               | ST 2/2,3                                      | Z5.553.2921.0 | 10        |
| Screwdriver, uninsulated                | DIN 5264 B 0,6x3,5                            | 06.502.4000.0 | 5         |
| Screwdriver, uninsulated, MINI          | DIN 5264 B 0,6x3,5 M                          | 06.502.5000.0 | 10        |

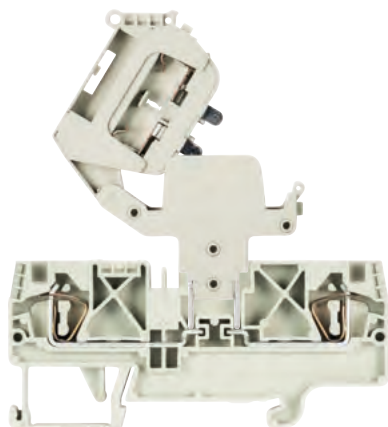
Technical information see FACTS & DATA page 158 ff.

Subject to technical modifications

# FASIS WKFN · FUSE BLOCKS WITH TENSION SPRING CONNECTION

## WKFN 4 TKG WITH THSI 5 X 20

- Disconnect block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>



| Description                                           | Type               | Part No.      | Std. Pack |
|-------------------------------------------------------|--------------------|---------------|-----------|
| Disconnect block                                      | gray WKFN 4 TKG/35 | 56.704.4055.0 | 100       |
| Fuse disconnect lever                                 | THSI 5x20          | Z1.298.1053.0 | 10        |
| Fuse disconnect lever with LED 12–24 V <sup>2)</sup>  | THSI 5x20 LED24    | Z1.298.1153.0 | 10        |
| Fuse disconnect lever with LED 24–60 V <sup>2)</sup>  | THSI 5x20 LED60    | Z1.298.1253.0 | 10        |
| Fuse disconnect lever with GL 110–250 V <sup>2)</sup> | THSI 5x20 GL250    | Z1.298.1353.0 | 10        |

### GENERAL DATA

|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 82 mm / 38 mm |
| Wire strip length                     | 11 mm                |
| Approvals                             |                      |

### TECHNICAL DATA

| IEC                          | UL                       | CSA                 |
|------------------------------|--------------------------|---------------------|
| EN 60 947-7-3                |                          |                     |
| Cross section fine-stranded  | 0.13 – 4 mm <sup>2</sup> |                     |
| Cross section solid/stranded | 0.13 – 6 mm <sup>2</sup> |                     |
| Cross section, AWG           | 24 – 10                  | 22 – 10             |
| Rated current                | <sup>1)</sup>            | 10 A <sup>1)</sup>  |
| Rated voltage                | 500 V <sup>2)</sup>      | 300 V <sup>2)</sup> |
| Rated impulse voltage        | 8 kV                     |                     |
| Pollution degree             | 3                        |                     |

### ACCESSORIES

| Type      | Part No.         | Std. Pack        |
|-----------|------------------|------------------|
| End plate | gray APFN 4 D2/2 | 07.312.9055.0 10 |
| Partition | gray TWFN 4 D2/2 | 07.312.9155.0 10 |

## WKFN 4 TKG WITH THSI 6,3 X 32

- Disconnect block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>



| Description                                           | Type               | Part No.      | Std. Pack |
|-------------------------------------------------------|--------------------|---------------|-----------|
| Disconnect block                                      | gray WKFN 4 TKG/35 | 56.704.4055.0 | 100       |
| Fuse disconnect lever                                 | THSI 6,3x32        | Z1.298.1653.0 | 10        |
| Fuse disconnect lever with LED 12–24 V <sup>2)</sup>  | THSI 6,3x32 LED24  | Z1.298.1753.0 | 10        |
| Fuse disconnect lever with LED 24–60 V <sup>2)</sup>  | THSI 6,3x32 LED60  | Z1.298.1853.0 | 10        |
| Fuse disconnect lever with GL 110–250 V <sup>2)</sup> | THSI 6,3x32 GL250  | Z1.298.1953.0 | 10        |
| Fuse disconnect lever with GL 500 V <sup>2)</sup>     | THSI 6,3x32 GL500  | Z1.298.2053.0 | 10        |

### GENERAL DATA

|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 82 mm / 38 mm |
| Wire strip length                     | 11 mm                |
| Approvals                             |                      |

### TECHNICAL DATA

| IEC                          | UL                       | CSA                 |
|------------------------------|--------------------------|---------------------|
| EN 60 947-7-3                |                          |                     |
| Cross section fine-stranded  | 0.13 – 4 mm <sup>2</sup> |                     |
| Cross section solid/stranded | 0.13 – 6 mm <sup>2</sup> |                     |
| Cross section, AWG           | 24 – 10                  | 22 – 10             |
| Rated current                | <sup>1)</sup>            | 10 A <sup>1)</sup>  |
| Rated voltage                | 500 V <sup>2)</sup>      | 300 V <sup>2)</sup> |
| Rated impulse voltage        | 8 kV                     |                     |
| Pollution degree             | 3                        |                     |

### ACCESSORIES

| Type                     | Part No.           | Std. Pack        |
|--------------------------|--------------------|------------------|
| End plate                | gray APFN 4 D2/2   | 07.312.9055.0 10 |
| Intermediate plate, 4 mm | gray ZP/WKFN 4 TKG | 07.313.1655.0 10 |
| Partition                | gray TWFN 4 D2/2   | 07.312.9155.0 10 |

## INFO AND ACCESSORIES FOR FASIS WKFN 4 TKG WITH THSI

<sup>1)</sup> The current is determined by the inserted fuse.

<sup>2)</sup> The voltage range is determined by the built-in LED display.

Depending on the application and the installation method, the circumstances for increased temperature must be checked in the closed fuse holders.

Higher ambient temperatures are an additional load for the fuse inserts. Therefore, the reduction of the rated current must be considered accordingly in these applications.

Indicator (24 V): LED, red  
current consumption: 10.3 mA

Indicator (220 V): LED, red  
current consumption: 0.3 mA

When selecting G fuse inserts, make sure that the specified maximum power is not exceeded.  
Maximum power loss at 23°C ambient temperature (according to DIN EN 60947-7-3)

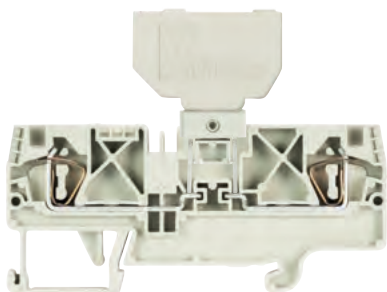
| Type        | Rated voltage | Overload protection |                   | Exclusive short-circuit protection |                   |
|-------------|---------------|---------------------|-------------------|------------------------------------|-------------------|
|             |               | Single arrangement  | Group arrangement | Single arrangement                 | Group arrangement |
| THSI 5x20   | 250 V         | 1.6 W               | 1.6 W             | 4.0 W                              | 2.5 W             |
| THSI 6,3x32 | 500 V         | 2.5 W               | 1.6 W             | 4.0 W                              | 2.5 W             |

| ACCESSORIES                                              | Type                       | Part No.        | Std. Pack         |
|----------------------------------------------------------|----------------------------|-----------------|-------------------|
| Cross connector, insulated for WKFN 4 TKG with THSi 5x20 | 2-pole                     | IVB WKF 4-2     | Z7.261.1227.0 10  |
|                                                          | 3-pole                     | IVB WKF 4-3     | Z7.261.1327.0 10  |
|                                                          | 4-pole                     | IVB WKF 4-4     | Z7.261.1427.0 10  |
|                                                          | 5-pole                     | IVB WKF 4-5     | Z7.261.1527.0 10  |
|                                                          | 6-pole                     | IVB WKF 4-6     | Z7.261.1627.0 10  |
|                                                          | 7-pole                     | IVB WKF 4-7     | Z7.261.1727.0 20  |
|                                                          | 8-pole                     | IVB WKF 4-8     | Z7.261.1827.0 20  |
|                                                          | 9-pole                     | IVB WKF 4-9     | Z7.261.1927.0 20  |
|                                                          | 10-pole                    | IVB WKF 4-10    | Z7.261.2027.0 20  |
|                                                          |                            |                 |                   |
| Wire entry guide                                         | 0.13 – 0.2 mm <sup>2</sup> | LEL 4/1 WEISS   | 05.561.8553.0 100 |
|                                                          | 0.25 – 0.5 mm <sup>2</sup> | LEL 4/2 GRAU    | 05.561.8653.0 100 |
|                                                          | 0.75 – 1.0 mm <sup>2</sup> | LEL 4/3 SCHWARZ | 05.561.8753.0 100 |
| Cover with warning symbol over 4 blocks                  | yellow                     | ADF 4/4 GELB    | 04.343.6153.8 10  |
| Test adapter, modular                                    | ST 2/2,3                   | Z5.553.2921.0   | 10                |
| Screwdriver, uninsulated                                 | DIN 5264 B 0,6x3,5         | 06.502.4000.0   | 5                 |
| Screwdriver, uninsulated, MINI                           | DIN 5264 B 0,6x3,5 M       | 06.502.5000.0   | 10                |

For WKFN 4 TKG with THSi 6.3x32 and intermediate plate cross connector IVB WKF 2,5-x must be used.

## WKFN 4 TKG WITH SIST

- Disconnect block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>



| Description                                     | Type               | Part No.      | Std. Pack |
|-------------------------------------------------|--------------------|---------------|-----------|
| Disconnect block                                | gray WKFN 4 TKG/35 | 56.704.4055.0 | 100       |
| Fuse holder for fuse 5 x 20                     | Si ST              | Z1.299.4055.0 | 10        |
| Fuse holder with indicator (24V) <sup>2)</sup>  | Si ST LED          | Z1.299.4155.0 | 10        |
| Fuse holder with indicator (220V) <sup>2)</sup> | Si ST GL           | Z1.299.4255.0 | 10        |

### GENERAL DATA

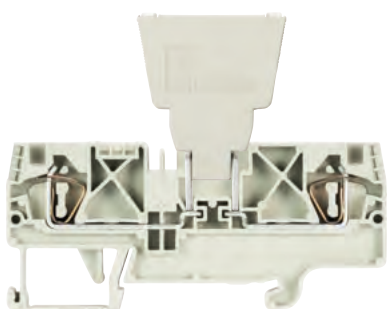
|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 82 mm / 38 mm |
| Wire strip length                     | 11 mm                |
| Approvals                             |                      |

| TECHNICAL DATA               | IEC                      | UL                  | CSA                 |
|------------------------------|--------------------------|---------------------|---------------------|
|                              | EN 60 947-7-3            |                     |                     |
| Cross section fine-stranded  | 0.13 – 4 mm <sup>2</sup> |                     |                     |
| Cross section solid/stranded | 0.13 – 6 mm <sup>2</sup> |                     |                     |
| Cross section, AWG           |                          | 24 – 10             | 22 – 10             |
| Rated current                | 1)                       | 1)                  | 10 A <sup>1)</sup>  |
| Rated voltage                | 500 V <sup>2)</sup>      | 600 V <sup>2)</sup> | 300 V <sup>2)</sup> |
| Rated impulse voltage        | 8 kV                     |                     |                     |
| Pollution degree             | 3                        |                     |                     |

| ACCESSORIES | Type             | Part No.      | Std. Pack |
|-------------|------------------|---------------|-----------|
| End plate   | gray APFN 4 D2/2 | 07.312.9055.0 | 10        |
| Partition   | gray TWFN 4 D2/2 | 07.312.9155.0 | 10        |

## WKFN 4 TKG WITH DIST

- Disconnect block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>



| Description            | Type                                                               | Part No.      | Std. Pack |
|------------------------|--------------------------------------------------------------------|---------------|-----------|
| Disconnect block       | gray WKFN 4 TKG/35                                                 | 56.704.4055.0 | 100       |
| Diode plug – empty     | J <sub>max</sub> = 10 A <sup>1)</sup> DIST ...                     | Z1.299.3055.0 | 10        |
| Diode plug – diode     | J <sub>max</sub> = 1 A <sup>1)</sup> DIST-1 N 4007-1 <sup>3)</sup> | Z1.299.3155.0 | 10        |
| Diode plug – diode     | J <sub>max</sub> = 1 A <sup>1)</sup> DIST-1 N 4007-2 <sup>4)</sup> | Z1.299.3355.0 | 10        |
| Diode plug with jumper | J <sub>max</sub> = 10 A <sup>1)</sup> DIST-D                       | Z1.299.3255.0 | 10        |

### GENERAL DATA

|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 82 mm / 38 mm |
| Wire strip length                     | 11 mm                |
| Approvals                             |                      |

| TECHNICAL DATA               | IEC                      | UL                  | CSA                 |
|------------------------------|--------------------------|---------------------|---------------------|
|                              | EN 60 947-7-3            |                     |                     |
| Cross section fine-stranded  | 0.13 – 4 mm <sup>2</sup> |                     |                     |
| Cross section solid/stranded | 0.13 – 6 mm <sup>2</sup> |                     |                     |
| Cross section, AWG           |                          | 24 – 10             | 22 – 10             |
| Rated current                | 1)                       | 1)                  | 10 A <sup>1)</sup>  |
| Rated voltage                | 500 V <sup>2)</sup>      | 600 V <sup>2)</sup> | 300 V <sup>2)</sup> |
| Rated impulse voltage        | 8 kV                     |                     |                     |
| Pollution degree             | 3                        |                     |                     |

| ACCESSORIES | Type             | Part No.      | Std. Pack |
|-------------|------------------|---------------|-----------|
| End plate   | gray APFN 4 D2/2 | 07.312.9055.0 | 10        |
| Partition   | gray TWFN 4 D2/2 | 07.312.9155.0 | 10        |

# INFO AND ACCESSORIES FOR FASIS WKFN 4 TKG WITH SIST AND DIST

<sup>1)</sup> The current is determined by the inserted fuse.

<sup>2)</sup> The voltage range is determined by the built-in LED display.

Depending on the application and the installation method, the circumstances for increased temperature must be checked in the closed fuse holders.

Higher ambient temperatures are an additional load for the fuse inserts. Therefore, the reduction of the rated current must be considered accordingly in these applications.

Indicator (24 V): LED, red  
current consumption: 10.3 mA

Indicator (220 V): LED, red  
current consumption: 0.3 mA

<sup>3)/4)</sup> Periodic peak voltage 1000 V  
Direction of the diode: Anode Cathode<sup>3)</sup>  
Cathode Anode<sup>4)</sup>

When selecting G fuse inserts, make sure that the specified maximum power is not exceeded.  
Maximum power loss at 23°C ambient temperature (according to DIN EN 60947-7-3)

| Type | Rated voltage | Overload protection |                   | Exclusive short-circuit protection |                   |
|------|---------------|---------------------|-------------------|------------------------------------|-------------------|
|      |               | Single arrangement  | Group arrangement | Single arrangement                 | Group arrangement |
| SIST | 250 V         | 1.6 W               | 1.6 W             | 2.5 W                              | 1.6 W             |

| ACCESSORIES                             | Type                                       | Part No.      | Std. Pack |
|-----------------------------------------|--------------------------------------------|---------------|-----------|
| Cross connector, insulated              | 2-pole IVB WKF 4-2                         | Z7.261.1227.0 | 10        |
|                                         | 3-pole IVB WKF 4-3                         | Z7.261.1327.0 | 10        |
|                                         | 4-pole IVB WKF 4-4                         | Z7.261.1427.0 | 10        |
|                                         | 5-pole IVB WKF 4-5                         | Z7.261.1527.0 | 10        |
|                                         | 6-pole IVB WKF 4-6                         | Z7.261.1627.0 | 10        |
|                                         | 7-pole IVB WKF 4-7                         | Z7.261.1727.0 | 20        |
|                                         | 8-pole IVB WKF 4-8                         | Z7.261.1827.0 | 20        |
| Wire entry guide                        | 9-pole IVB WKF 4-9                         | Z7.261.1927.0 | 20        |
|                                         | 10-pole IVB WKF 4-10                       | Z7.261.2027.0 | 20        |
|                                         | 0.13 – 0.2 mm <sup>2</sup> LEL 4/1 WEISS   | 05.561.8553.0 | 100       |
|                                         | 0.25 – 0.5 mm <sup>2</sup> LEL 4/2 GRAU    | 05.561.8653.0 | 100       |
| Cover with warning symbol over 4 blocks | 0.75 – 1.0 mm <sup>2</sup> LEL 4/3 SCHWARZ | 05.561.8753.0 | 100       |
|                                         | yellow ADF 4/4 GELB                        | 04.343.6153.8 | 10        |
|                                         | ST 2/2,3                                   | Z5.553.2921.0 | 10        |
| Test adapter, modular                   | DIN 5264 B 0,6x3,5                         | 06.502.4000.0 | 5         |
| Screwdriver, uninsulated                | DIN 5264 B 0,6x3,5 M                       | 06.502.5000.0 | 10        |

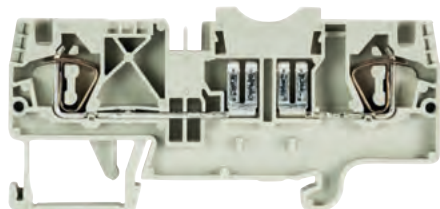
Technical information see FACTS & DATA page 158 ff.

Subject to technical modifications

# FASIS WKFN · FUSE BLOCKS WITH TENSION SPRING CONNECTION

## WKFN 4 FSI

- Fuse block for automobile fuses for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>



| Description | Type            | Part No.      | Std. Pack |
|-------------|-----------------|---------------|-----------|
| Fuse block  | gray WKFN 4 FSI | 56.704.4155.0 | 100       |

### GENERAL DATA

|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 82 mm / 39 mm |
| Wire strip length                     | 12 mm                |
| Approvals                             |                      |

### TECHNICAL DATA

| IEC                          |
|------------------------------|
| EN 60947-7-3                 |
| Cross section fine-stranded  |
| 0.13 – 4 mm <sup>2</sup>     |
| Cross section solid/stranded |
| 0.13 – 6 mm <sup>2</sup>     |
| Cross section, AWG           |
| Rated current                |
| *                            |
| Rated voltage                |
| 800 V                        |
| Rated impulse voltage        |
| 8 kV                         |
| Pollution degree             |
| 3                            |

### Note

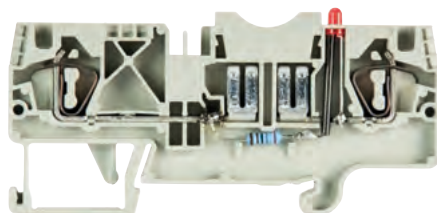
\* Observe the derating curve, available in our e-catalog at <https://eshop.wieland-electric.com>

### ACCESSORIES

| Type                    | Part No.           | Std. Pack     |
|-------------------------|--------------------|---------------|
| End plate               | gray APFN 4 D2/2   | 07.312.9055.0 |
| Partition, 4 mm for TCP | gray ZP/WKFN 4 TKG | 07.313.1655.0 |
| Partition               | gray TWFN 4 D2/2   | 07.312.9155.0 |

## WKFN 4 FSI

- Fuse block with indicator for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>



| Description | Type                  | Part No.      | Std. Pack |
|-------------|-----------------------|---------------|-----------|
| Fuse block  | gray WKFN 4 FSI LED12 | 56.704.4255.0 | 100       |
| Fuse block  | gray WKFN 4 FSI LED24 | 56.704.5355.0 | 100       |

### GENERAL DATA

|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 6 mm / 82 mm / 39 mm |
| Wire strip length                     | 12 mm                |
| Approvals                             |                      |

### TECHNICAL DATA

| IEC                          |
|------------------------------|
| EN 60947-7-3                 |
| Cross section fine-stranded  |
| 0.13 – 4 mm <sup>2</sup>     |
| Cross section solid/stranded |
| 0.13 – 6 mm <sup>2</sup>     |
| Cross section, AWG           |
| Rated current                |
| *                            |
| Rated voltage                |
| 800 V                        |
| Rated impulse voltage        |
| 8 kV                         |
| Pollution degree             |
| 3                            |

### Note

\* Observe the derating curve, available in our e-catalog at <https://eshop.wieland-electric.com>

### ACCESSORIES

| Type                    | Part No.           | Std. Pack     |
|-------------------------|--------------------|---------------|
| End plate               | gray APFN 4 D2/2   | 07.312.9055.0 |
| Partition, 4 mm for TCP | gray ZP/WKFN 4 TKG | 07.313.1655.0 |
| Partition               | gray TWFN 4 D2/2   | 07.312.9155.0 |

## AUTOMOTIVE FUSES

The WKFN 4 FSI .. type fuse blocks take blade-type fuses according to ISO 8820 (DIN 72581-3).

Automotive fuses are not offered for sale by Wieland Electric!

We recommend the following:



| Description                                       | Color  |       |
|---------------------------------------------------|--------|-------|
| <b>Blade-type automobile fuse, DC 32 V</b>        | black  | 1 A   |
| Electrotechnical specialized trade                | gray   | 2 A   |
| Motor vehicle accessory market                    | violet | 3 A   |
|                                                   | pink   | 4 A   |
|                                                   | beige  | 5 A   |
|                                                   | brown  | 7.5 A |
|                                                   | red    | 10 A  |
|                                                   | blue   | 15 A  |
|                                                   | yellow | 20 A  |
| <b>Thermal circuit breaker, DC 32 V</b>           |        | 5 A   |
| ETA*, type 1610-21 or                             |        | 6 A   |
| ETA*, type 1610-H2 with manual release            |        | 10 A  |
|                                                   |        | 15 A  |
|                                                   |        | 20 A  |
| <b>Thermal circuit breaker, AC 250 V; DC 65 V</b> |        | 0.1 A |
| ETA*, type 1180 ..                                |        | 0.2 A |
|                                                   |        | 0.5 A |
|                                                   |        | 1 A   |
|                                                   |        | 2 A   |
|                                                   |        | 3 A   |
|                                                   |        | 4 A   |
|                                                   |        | 6 A   |
|                                                   |        | 8 A   |
|                                                   |        | 10 A  |

\* E-T-A Elektrotechnische Apparate GmbH, [www.e-t-a.de](http://www.e-t-a.de)

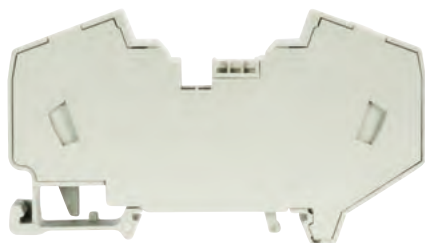
More accessories page 130 ff.



# FASIS WKFN · SUPPLY TERMINAL

## WKF 16/35 PV/WKFN

- Supply terminal for mounting on TS 35
- Nominal cross section 16 mm<sup>2</sup>
- Ex e I/II  II 2GD IM2  
Follow the EX installation instructions on page 174



| Description     | Type                   | Part No.      | Std. Pack |
|-----------------|------------------------|---------------|-----------|
| Supply terminal | gray WKF 16/35 PV/WKFN | 56.716.0353.0 | 20        |

### GENERAL DATA

|                                       |                                                                                                                                                                                          |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 12 mm / 82 mm / 48 mm                                                                                                                                                                    |
| Wire strip length                     | 15 mm                                                                                                                                                                                    |
| Approvals                             |   KEMA 01 ATEX 2087 U |

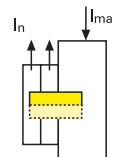
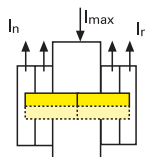
| TECHNICAL DATA               | IEC                    | UL     | CSA    |  |
|------------------------------|------------------------|--------|--------|-------------------------------------------------------------------------------------|
|                              | EN 60 947-7-3          |        |        | EN 60 079-0/-7                                                                      |
| Cross section fine-stranded  | 4 – 16 mm <sup>2</sup> |        |        | 4 – 16 mm <sup>2</sup>                                                              |
| Cross section solid/stranded | 4 – 16 mm <sup>2</sup> |        |        | 4 – 16 mm <sup>2</sup>                                                              |
| Cross section, AWG           |                        | 24 – 4 | 12 – 4 |                                                                                     |
| Rated current                | 76 A                   | 75 A   | 78 A   | 64 A <sup>1)</sup>                                                                  |
| Rated voltage                | 800 V                  | 600 V  | 600 V  | 690 V                                                                               |
| Rated impulse voltage        | 8 kV                   |        |        |                                                                                     |
| Pollution degree             | 3                      |        |        |                                                                                     |

### Note

<sup>1)</sup> Derating curves available on request

| ACCESSORIES                             | Type               | Part No.      | Std. Pack |
|-----------------------------------------|--------------------|---------------|-----------|
| Cover with warning symbol over 4 blocks | ADF 16/4 GELB      | 04.343.6653.8 | 10        |
| Screwdriver, uninsulated                | DIN 5264 B 1,0x5,5 | 06.502.4200.0 | 5         |

## POTENTIAL DISTRIBUTION

| Potential distribution |  |        |  |        |
|------------------------|------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------|--------|
| Jumpering              | one side                                                                           |        | both sides                                                                         |        |
| IVB WKF 4...           | single                                                                             | double | single                                                                             | double |
| I <sub>max</sub>       | 64                                                                                 | 76     | 76                                                                                 | 76     |
| I <sub>N block</sub>   | 32                                                                                 | 32     | 32                                                                                 | 32     |

$$I_{\max} = \sum I_n \leq \sum I_{N \text{ block}}$$

## ACCESSORIES FOR FASIS WKFN 4 FSI



| ACCESSORIES                             | Type                                       | Part No.      | Std. Pack |
|-----------------------------------------|--------------------------------------------|---------------|-----------|
| Cross connector, insulated, for         | 2 blocks IVB WKF 4 – 2                     | Z7.261.1227.0 | 10        |
|                                         | 3 blocks IVB WKF 4 – 3                     | Z7.261.1327.0 | 10        |
|                                         | 4 blocks IVB WKF 4 – 4                     | Z7.261.1427.0 | 10        |
|                                         | 5 blocks IVB WKF 4 – 5                     | Z7.261.1527.0 | 10        |
|                                         | 6 blocks IVB WKF 4 – 6                     | Z7.261.1627.0 | 10        |
|                                         | 7 blocks IVB WKF 4 – 7                     | Z7.261.1727.0 | 20        |
|                                         | 8 blocks IVB WKF 4 – 8                     | Z7.261.1827.0 | 20        |
|                                         | 9 blocks IVB WKF 4 – 9                     | Z7.261.1927.0 | 20        |
|                                         | 10 blocks IVB WKF 4 – 10                   | Z7.261.2027.0 | 20        |
| Wire entry guide                        | 0.13 – 0.2 mm <sup>2</sup> LEL 4/1 WEISS   | 05.561.8553.0 | 100       |
|                                         | 0.25 – 0.5 mm <sup>2</sup> LEL 4/2 GRAU    | 05.561.8653.0 | 100       |
|                                         | 0.75 – 1.0 mm <sup>2</sup> LEL 4/1 SCHWARZ | 05.561.8753.0 | 100       |
| Cover with warning symbol over 4 blocks | yellow ADF 4/4 GELB                        | 04.343.6153.8 | 10        |
| Screwdriver, uninsulated                | DIN 5264 B 0,6x3,5                         | 06.502.4000.0 | 5         |
| Screwdriver, uninsulated, MINI          | DIN 5264 B 0,6x3,5 M                       | 06.502.5000.0 | 10        |

# FASIS CON – DIN RAIL TERMINAL BLOCKS WITH **PLUG-IN CONNECTION**

fasis CON is a DIN rail terminal block system with a pluggable outgoing feeder, which offers modular, cost-saving solutions with advantages in every phase of the service life of an electrical system.

fasis CON is a fully compatible part of the established fasis WKFN system. Both the terminal and the plug connector possess the high-performance features of fasis WKFN.

fasis CON consists of feed-through and ground DIN rail terminal blocks with a wide variety of both wiring termination points and sockets for the fasis CON pluggable connectors.

fasis CON is a cost-effective, high-performance and pluggable system solution.



## **COST-EFFECTIVE**

- Cost-optimized installation and maintenance times
- Small numbers of components
- Can be assembled individually
- Pre-assembled modules

## **PLUGGABLE**

- Complex systems can be brought on-line quickly and cost-effectively with pluggable technology
- Functional units can be tested easily
- Field components can be more quickly replaced when faults occur
- Systems can be expanded with pluggable technology

## **COMPLETE SYSTEM**

- Uniform accessories
- Coded to prevent mismatching
- All components can be jumpered
- Comprehensive and clear labeling
- Can be combined with fasis WKFN

## **TECHNICAL DATA:**

- Range of terminals: up to 4 mm<sup>2</sup>
- Rated current: up to 32 A IEC / 20 A UL, CSA\*

- Rated voltage: 500 V
- Total width only: 5 mm

\* Observe the derating curve, available in our online-catalog at <https://eshop.wieland-electric.com>

# FASIS CON – THE SYSTEM AT A GLANCE



## The connectors

- Can be assembled for specific applications
- Pre-assembly possible
- Also single-pole for test purposes



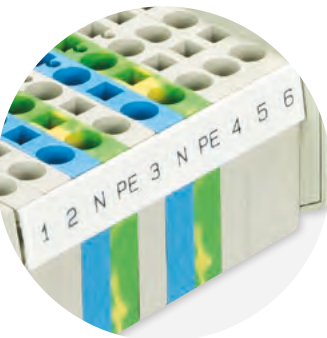
## The terminals

- Universally applicable
- Plug-in and spring-cage connections
- Can also be used as “standard” feed-through terminal



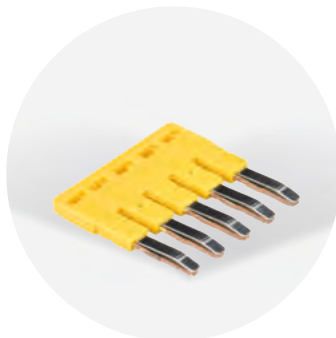
## Integrated safety

- Touch protection in not connected connection
- IP20 in connected connection
- No further accessories required, as all connectors have built-in latching mechanism and coding options



## The labeling system

- All termination points can be clearly labeled using the standard Wieland labeling system.



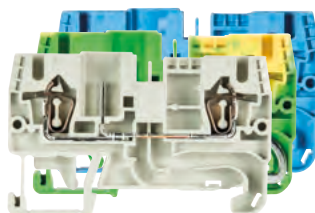
## The jumpering system

- The standard Wieland push-in jumper system can be used in both the modular terminal and in the plug-in connector.
- All basic terminals are fully compatible with the fasis WKFN-series, including the 16 mm<sup>2</sup> feed-in terminal.
- The modular terminal block's integrated jumper channel maintains a permanent feed-through connection even when the plug is not installed.

# FASIS CON · DIN RAIL TERMINAL BLOCKS WITH PLUG-IN CONNECTION

## WKFN 2,5 F/P/F

- DIN rail terminal blocks with plug-in connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description              | Type         | Part No.          | Std. Pack     |     |
|--------------------------|--------------|-------------------|---------------|-----|
| Feed-through block F/P/F | gray         | WKFN 2,5 F/P/F    | 56.703.2355.0 | 100 |
| Feed-through block F/P/F | blue         | WKFN 2,5 F/P/F    | 56.703.2355.6 | 100 |
| Ground block             | green/yellow | WKFN 2,5 F/P/F-SL | 56.703.2455.0 | 100 |

| GENERAL DATA                          |                                                                                                                                                 |         |         |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| Width / length / height, incl. TS 7.5 | 5 mm / 60 mm / 39 mm                                                                                                                            |         |         |
| Wire strip length                     | 11 mm                                                                                                                                           |         |         |
| Approvals                             |                                                               |         |         |
| TECHNICAL DATA                        | IEC                                                                                                                                             | UL      | CSA     |
|                                       | EN 60947-7-1/-2                                                                                                                                 |         |         |
| Cross section fine-stranded           | 0.13 – 4 mm <sup>2</sup>                                                                                                                        |         |         |
| Cross section solid/stranded          | 0.13 – 4 mm <sup>2</sup>                                                                                                                        |         |         |
| Cross section, AWG                    |                                                                                                                                                 | 24 – 12 | 24 – 12 |
| Rated current                         | 32 A*                                                                                                                                           | 20 A    | 20 A    |
| Rated voltage                         | 500 V                                                                                                                                           | 500 V   | 500 V   |
| Rated impulse voltage                 | 8 kV                                                                                                                                            |         |         |
| Pollution degree                      | 3                                                                                                                                               |         |         |
| <b>Note</b>                           | * Observe the derating curve, available in our e-catalog at <a href="https://eshop.wieland-electric.com">btros://eshop.wieland-electric.com</a> |         |         |

| ACCESSORIES | Type                    | Part No.      | Std. Pack |
|-------------|-------------------------|---------------|-----------|
| End plate   | gray APFN 2,5 D1/2      | 07.312.6955.0 | 10        |
| End plate   | blue APFN 2,5 D1/2 BLAU | 07.312.6955.6 | 10        |
| Partition   | gray TWFN 2,5 D1/2      | 07.312.7055.0 | 10        |

## WKFN 2,5 2P/2F

- DIN rail terminal blocks with plug-in connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



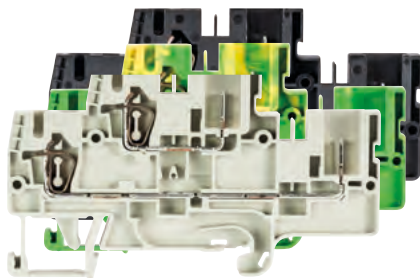
| Description              | Type                           | Part No.      | Std. Pack |
|--------------------------|--------------------------------|---------------|-----------|
| Feed-through block 2P/2F | gray WKFN 2,5 2P/2F            | 56.703.2155.0 | 100       |
| Feed-through block 2P/2F | blue WKFN 2,5 2P/2F            | 56.703.2155.6 | 100       |
| Ground block             | green/yellow WKFN 2,5 2P/2F-SL | 56.703.2255.0 | 100       |

| GENERAL DATA                          |                                                                                                                                                 |         |         |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| Width / length / height, incl. TS 7.5 | 5 mm / 85 mm / 39 mm                                                                                                                            |         |         |
| Wire strip length                     | 11 mm                                                                                                                                           |         |         |
| Approvals                             |                                                             |         |         |
| TECHNICAL DATA                        | IEC                                                                                                                                             | UL      | CSA     |
|                                       | EN 60947-7-1/-2                                                                                                                                 |         |         |
| Cross section fine-stranded           | 0.13 – 4 mm <sup>2</sup>                                                                                                                        |         |         |
| Cross section solid/stranded          | 0.13 – 4 mm <sup>2</sup>                                                                                                                        |         |         |
| Cross section, AWG                    |                                                                                                                                                 | 24 – 12 | 24 – 12 |
| Rated current                         | 32 A*                                                                                                                                           | 20 A    | 20 A    |
| Rated voltage                         | 500 V                                                                                                                                           | 500 V   | 500 V   |
| Rated impulse voltage                 | 8 kV                                                                                                                                            |         |         |
| Pollution degree                      | 3                                                                                                                                               |         |         |
| <b>Note</b>                           | * Observe the derating curve, available in our e-catalog at <a href="https://eshop.wieland-electric.com">https://eshop.wieland-electric.com</a> |         |         |

| ACCESSORIES | Type | Part No.          | Std. Pack     |    |
|-------------|------|-------------------|---------------|----|
| End plate   | gray | APFN 2,5 TKM D2/2 | 07.313.0055.0 | 10 |
| Partition   | gray | TWFN 2,5 TKM D2/2 | 07.313.0155.0 | 10 |

## WKFN 2,5 E/././..

- Multi-tier blocks with plug-in connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                            | Type         | Part No.          | Std. Pack     |     |
|----------------------------------------|--------------|-------------------|---------------|-----|
| Multi-tier block E/F/P                 | gray         | WKFN 2,5 E/F/P    | 56.703.3455.0 | 100 |
| Multi-tier block, vertically connected | black        | WKFN 2,5 E/VB/F/P | 56.703.3555.1 | 100 |
| Multi-tier ground block                | green/yellow | WKFN 2,5 E/F/P/SL | 56.703.3655.0 | 100 |

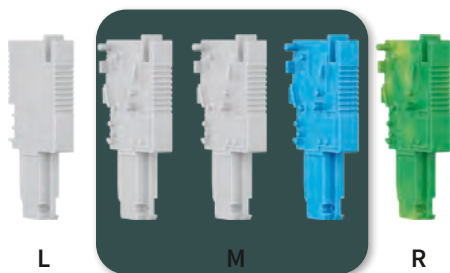
| GENERAL DATA                          |                                                                                                                                                 |         |         |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| Width / length / height, incl. TS 7.5 | 5 mm / 82 mm / 49 mm                                                                                                                            |         |         |
| Wire strip length                     | 11 mm                                                                                                                                           |         |         |
| Approvals                             |                                                             |         |         |
| TECHNICAL DATA                        | IEC                                                                                                                                             | UL      | CSA     |
|                                       | EN 60947-7-1/-2                                                                                                                                 |         |         |
| Cross section fine-stranded           | 0.13 – 4 mm <sup>2</sup>                                                                                                                        |         |         |
| Cross section solid/stranded          | 0.13 – 4 mm <sup>2</sup>                                                                                                                        |         |         |
| Cross section, AWG                    |                                                                                                                                                 | 24 – 12 | 24 – 12 |
| Rated current                         | 22 A*                                                                                                                                           | 20 A    | 20 A    |
| Rated voltage                         | 500 V                                                                                                                                           | 500 V   | 500 V   |
| Rated impulse voltage                 | 8 kV                                                                                                                                            |         |         |
| Pollution degree                      | 3                                                                                                                                               |         |         |
| <b>Note</b>                           | * Observe the derating curve, available in our e-catalog at <a href="https://eshop.wieland-electric.com">https://eshop.wieland-electric.com</a> |         |         |

| ACCESSORIES | Type | Part No.   | Std. Pack     |    |
|-------------|------|------------|---------------|----|
| End plate   | gray | APFN 2,5 E | 07.312.7355.0 | 10 |
| Partition   | gray | TWFN 2,5 E | 07.312.7455.0 | 10 |

# FASIS CON · CONNECTORS

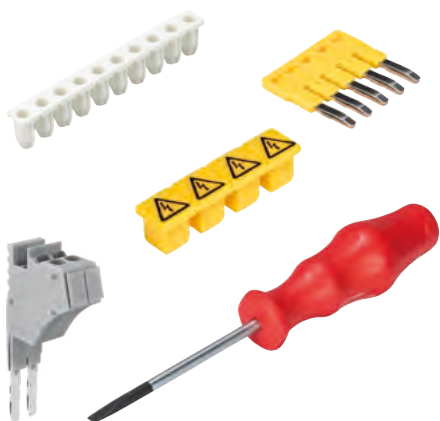
## WBF 2,5/..../

- Connectors for DIN rail terminal blocks with plug-in connection



| Description                           | Type                                                                                                                                            | Part No.             | Std. Pack     |           |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------|-----------|
| Connectors LEFT                       |                                                                                                                                                 |                      |               |           |
| gray                                  | WBF 2,5 1/L/GR                                                                                                                                  | Z1.110.8955.0        | 50            |           |
| blue                                  | WBF 2,5 1/L/BL                                                                                                                                  | Z1.110.8955.6        | 50            |           |
| green/yellow                          | WBF 2,5 1/L/SL                                                                                                                                  | Z1.110.8955.7        | 50            |           |
| Connectors MIDDLE                     |                                                                                                                                                 |                      |               |           |
| gray                                  | WBF 2,5 1/M/GR                                                                                                                                  | Z1.110.8855.0        | 50            |           |
| blue                                  | WBF 2,5 1/M/BL                                                                                                                                  | Z1.110.8855.6        | 50            |           |
| green/yellow                          | WBF 2,5 1/M/SL                                                                                                                                  | Z1.110.8855.7        | 50            |           |
| Connectors RIGHT                      |                                                                                                                                                 |                      |               |           |
| gray                                  | WBF 2,5 1/R/GR                                                                                                                                  | Z1.110.9055.0        | 50            |           |
| blue                                  | WBF 2,5 1/R/BL                                                                                                                                  | Z1.110.9055.6        | 50            |           |
| green/yellow                          | WBF 2,5 1/R/SL                                                                                                                                  | Z1.110.9055.7        | 50            |           |
| Connectors preassembled, gray         |                                                                                                                                                 |                      |               |           |
| 1-pole                                | WBF 2,5-1                                                                                                                                       | 59.903.0155.0        | 50            |           |
| 2-pole                                | WBF 2,5-2                                                                                                                                       | 59.903.0255.0        | 50            |           |
| 3-pole                                | WBF 2,5-3                                                                                                                                       | 59.903.0355.0        | 50            |           |
| 4-pole                                | WBF 2,5-4                                                                                                                                       | 59.903.0455.0        | 50            |           |
| 5-pole                                | WBF 2,5-5                                                                                                                                       | 59.903.0555.0        | 50            |           |
| 6-pole                                | WBF 2,5-6                                                                                                                                       | 59.903.0655.0        | 25            |           |
| 7-pole                                | WBF 2,5-7                                                                                                                                       | 59.903.0755.0        | 25            |           |
| 8-pole                                | WBF 2,5-8                                                                                                                                       | 59.903.0855.0        | 25            |           |
| 9-pole                                | WBF 2,5-9                                                                                                                                       | 59.903.0955.0        | 25            |           |
| 10-pole                               | WBF 2,5-10                                                                                                                                      | 59.903.1055.0        | 25            |           |
| GENERAL DATA                          |                                                                                                                                                 |                      |               |           |
| Width / length / height, incl. TS 7.5 | 5 mm                                                                                                                                            |                      |               |           |
| Wire strip length                     | 11 mm                                                                                                                                           |                      |               |           |
| Approvals                             |                                                               |                      |               |           |
| TECHNICAL DATA                        |                                                                                                                                                 | IEC                  | UL            | CSA       |
|                                       |                                                                                                                                                 | EN 60947-7-1/-2      |               |           |
| Cross section fine-stranded           |                                                                                                                                                 | 0.13 – 4 mm²         |               |           |
| Cross section solid/stranded          |                                                                                                                                                 | 0.13 – 4 mm²         |               |           |
| Cross section, AWG                    |                                                                                                                                                 |                      | 24 – 12       | 24 – 12   |
| Rated current                         | 32 A*                                                                                                                                           |                      | 20 A          | 20 A      |
| Rated voltage                         | 500 V                                                                                                                                           |                      | 500 V         | 500 V     |
| Rated impulse voltage                 | 8 kV                                                                                                                                            |                      |               |           |
| Pollution degree                      | 3                                                                                                                                               |                      |               |           |
| Note                                  | * Observe the derating curve, available in our e-catalog at <a href="https://eshop.wieland-electric.com">https://eshop.wieland-electric.com</a> |                      |               |           |
| ACCESSORIES                           |                                                                                                                                                 | Type                 | Part No.      | Std. Pack |
| Strain relief                         |                                                                                                                                                 | Z-WBF                | 05.567.9155.0 | 10        |
| Screwdriver, uninsulated              |                                                                                                                                                 | DIN 5264 B 0,6x3,5   | 06.502.4000.0 | 10        |
| Screwdriver, MINI                     |                                                                                                                                                 | DIN 5264 B 0.6x3.5 M | 06.502.5000.0 | 10        |

## ACCESSORIES FOR FASIS WKFN 2,5



| ACCESSORIES                             | Type                       | Part No.           | Std. Pack     |
|-----------------------------------------|----------------------------|--------------------|---------------|
| Cross connector, insulated, for         | 2 blocks                   | IVB WKFN 2,5-2     | Z7.280.6227.0 |
|                                         | 3 blocks                   | IVB WKFN 2,5-3     | Z7.280.6327.0 |
|                                         | 4 blocks                   | IVB WKFN 2,5-4     | Z7.280.6427.0 |
|                                         | 5 blocks                   | IVB WKFN 2,5-5     | Z7.280.6527.0 |
|                                         | 6 blocks                   | IVB WKFN 2,5-6     | Z7.280.6627.0 |
|                                         | 7 blocks                   | IVB WKFN 2,5-7     | Z7.280.6727.0 |
|                                         | 8 blocks                   | IVB WKFN 2,5-8     | Z7.280.6827.0 |
|                                         | 9 blocks                   | IVB WKFN 2,5-9     | Z7.280.6927.0 |
|                                         | 10 blocks                  | IVB WKFN 2,5-10    | Z7.280.7027.0 |
|                                         | 20 blocks                  | IVB WKFN 2,5-20    | Z7.280.8027.0 |
| Wire entry guide                        | 0.13 – 0.2 mm <sup>2</sup> | LELN 2,5/1 WEISS   | 05.564.3755.0 |
|                                         | 0.25 – 0.5 mm <sup>2</sup> | LELN 2,5/1 GRAU    | 05.564.3855.0 |
|                                         | 0.75 – 1.0 mm <sup>2</sup> | LELN 2,5/1 SCHWARZ | 05.564.3955.0 |
| Cover with warning symbol over 4 blocks | yellow                     | ADFN 2,5/4 GELB    | 04.343.8353.8 |
| Test adapter, modular                   | PS WKCF/F                  | Z1.299.9753.0      | 10            |
| Screwdriver, uninsulated                | DIN 5264 B 0,6x3,5         | 06.502.4000.0      | 5             |
| Screwdriver, uninsulated, MINI          | DIN 5264 B 0,6x3,5 M       | 06.502.5000.0      | 10            |

Technical information see FACTS & DATA page 158 ff.

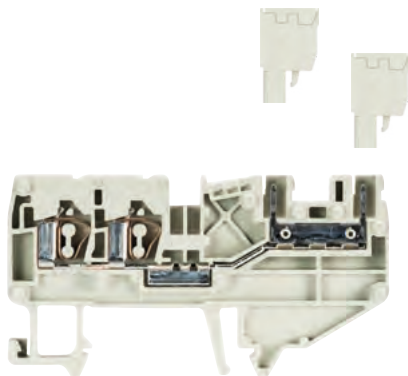
Subject to technical modifications



# FASIS · DIN RAIL TERMINAL BLOCKS WITH TENSION SPRING AND PLUGGABLE CONNECTIONS

## WKF 2,5 D2/8113/35

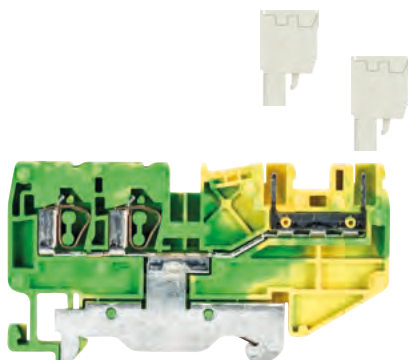
- Duo feed-through block for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                             | Type                                                                              | Part No.                | Std. Pack     |
|-----------------------------------------|-----------------------------------------------------------------------------------|-------------------------|---------------|
| Duo feed-through block                  | gray                                                                              | WKF 2,5 D2/8113/35      | 56.703.2053.0 |
| Duo feed-through block                  | blue                                                                              | WKF 2,5 D2/8113/35 BLAU | 56.703.2053.6 |
| General data                            |                                                                                   |                         |               |
| Width / length / height, incl. TS 7.5   | 5 mm / 76 mm / 42 mm                                                              |                         |               |
| Wire strip length                       | 11 mm                                                                             |                         |               |
| Approvals                               |  |                         |               |
| TECHNICAL DATA                          |                                                                                   | IEC                     | UL            |
|                                         |                                                                                   | CSA                     |               |
|                                         |                                                                                   | EN 60947-7-1            |               |
| Cross section fine-stranded             | 0.13 – 2.5 mm²                                                                    |                         |               |
| Cross section solid/stranded            | 0.13 – 4 mm²                                                                      |                         |               |
| Cross section, AWG                      |                                                                                   | 22 – 12                 | 24 – 12       |
| Rated current                           | 16 A                                                                              | 15 A                    | 15 A          |
| Rated voltage                           | 250 V                                                                             | 300 V                   | 300 V         |
| Rated impulse voltage                   | 4 kV                                                                              |                         |               |
| Pollution degree                        | 3                                                                                 |                         |               |
| ACCESSORIES                             |                                                                                   | Part No.                | Std. Pack     |
| End plate                               | gray                                                                              | APF 2,5/D2/8113         | 07.312.4153.0 |
| End plate                               | blue                                                                              | APF 2,5/D2/8113         | 07.312.4153.6 |
| Wire entry guide                        | 0.13 – 0.2 mm²                                                                    | LEL 2,5/1 WEISS         | 05.561.6553.0 |
|                                         | 0.25 – 0.5 mm²                                                                    | LEL 2,5/2 GRAU          | 05.561.6653.0 |
|                                         | 0.75 – 1.0 mm²                                                                    | LEL 2,5/3 SCHWARZ       | 05.561.6753.0 |
| Cover with warning symbol over 4 blocks | ADF 2,5/4 GELB                                                                    | 04.343.6053.8           | 10            |

## WKF 2,5 D2/8113/SL/35

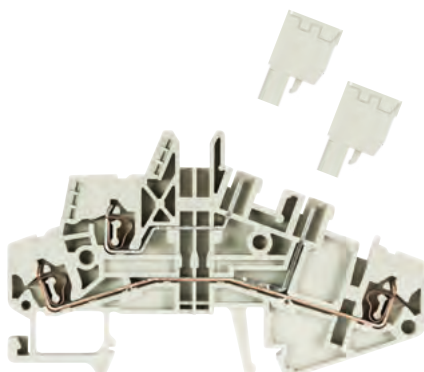
- Duo-ground block for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                             | Type                                                                                 | Part No.              | Std. Pack     |           |
|-----------------------------------------|--------------------------------------------------------------------------------------|-----------------------|---------------|-----------|
| Duo-ground block                        | green/yellow                                                                         | WKF 2,5 D2/8113 SL/35 | 56.703.9253.0 | 100       |
| GENERAL DATA                            |                                                                                      |                       |               |           |
| Width / length / height, incl. TS 7.5   | 5 mm / 76 mm / 42 mm                                                                 |                       |               |           |
| Wire strip length                       | 11 mm                                                                                |                       |               |           |
| Approvals                               |  |                       |               |           |
| TECHNICAL DATA                          |                                                                                      | IEC                   | UL            | CSA       |
|                                         | EN 60947-7-1                                                                         |                       |               |           |
| Cross section fine-stranded             | 0.13 – 2.5 mm²                                                                       |                       |               |           |
| Cross section solid/stranded            | 0.13 – 4 mm²                                                                         |                       |               |           |
| Cross section, AWG                      |                                                                                      | 22 – 12               | 24 – 12       |           |
| Rated current                           | 16 A                                                                                 |                       |               |           |
| Rated voltage                           | 250 V                                                                                |                       | 300 V         | 300 V     |
| Rated impulse voltage                   | 4 kV                                                                                 |                       |               |           |
| Pollution degree                        | 3                                                                                    |                       |               |           |
| ACCESSORIES                             |                                                                                      | Type                  | Part No.      | Std. Pack |
| End plate                               | gray                                                                                 | APF 2,5/D2/8113       | 07.312.4153.0 | 10        |
| Wire entry guide                        | 0.13 – 0.2 mm²                                                                       | LEL 2,5/1 WEISS       | 05.561.6553.0 | 100       |
|                                         | 0.25 – 0.5 mm²                                                                       | LEL 2,5/2 GRAU        | 05.561.6653.0 | 100       |
|                                         | 0.75 – 1.0 mm²                                                                       | LEL 2,5/3 SCHWARZ     | 05.561.6753.0 | 100       |
| Cover with warning symbol over 4 blocks |                                                                                      | ADF 2,5/4 GELB        | 04.343.6053.8 | 10        |

## WKF 1,5 E/8113/35

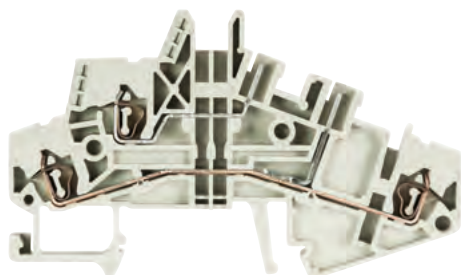
- Multi-tier block for mounting on TS 35
- Nominal cross section 1.5 mm<sup>2</sup>



| Description                             | Type                                                                                 | Part No.          | Std. Pack     |
|-----------------------------------------|--------------------------------------------------------------------------------------|-------------------|---------------|
| Multi-tier block                        | gray WKF 1,5 E/8113/35                                                               | 56.702.2053.0     | 100           |
| GENERAL DATA                            |                                                                                      |                   |               |
| Width / length / height, incl. TS 7.5   | 5 mm / 83 mm / 51 mm                                                                 |                   |               |
| Wire strip length                       | 8 mm                                                                                 |                   |               |
| Approvals                               |  |                   |               |
| TECHNICAL DATA                          |                                                                                      | IEC               | UL            |
|                                         |                                                                                      | CSA               |               |
|                                         | EN 60947-7-1                                                                         |                   |               |
| Cross section fine-stranded             | 0.13 – 1.5 mm <sup>2</sup>                                                           |                   |               |
| Cross section solid/stranded            | 0.13 – 2.5 mm <sup>2</sup>                                                           |                   |               |
| Cross section, AWG                      |                                                                                      | 22 – 12           | 24 – 12       |
| Rated current                           | 16 A                                                                                 |                   |               |
| Rated voltage                           | 250 V                                                                                |                   |               |
| Rated impulse voltage                   | 4 kV                                                                                 |                   |               |
| Pollution degree                        | 3                                                                                    |                   |               |
| ACCESSORIES                             |                                                                                      | Type              | Part No.      |
| End plate                               | gray                                                                                 | APF 1,5/E/8113    | 07.312.4753.0 |
| Wire entry guide                        | 0.13 – 0.2 mm <sup>2</sup>                                                           | LEL 1,5/1 WEISS   | 05.562.2453.0 |
|                                         | 0.25 – 0.5 mm <sup>2</sup>                                                           | LEL 1,5/2 GRAU    | 05.562.2553.0 |
|                                         | 0.75 – 1.0 mm <sup>2</sup>                                                           | LEL 1,5/3 SCHWARZ | 05.562.2653.0 |
| Cover with warning symbol over 4 blocks |                                                                                      | ADF 1,5/4 GELB    | 04.343.8353.8 |

## WKF 1,5 E/35

- Multi-tier block for mounting on TS 35
- Nominal cross section 1.5 mm<sup>2</sup>



| Description      | Type              | Part No.      | Std. Pack |
|------------------|-------------------|---------------|-----------|
| Multi-tier block | gray WKF 1,5 E/35 | 56.702.7053.0 | 100       |

### GENERAL DATA

|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 83 mm / 51 mm |
| Wire strip length                     | 8 mm                 |
| Approvals                             |                      |

### TECHNICAL DATA

| IEC                          | UL                         | CSA     |
|------------------------------|----------------------------|---------|
| EN 60947-7-1                 |                            |         |
| Cross section fine-stranded  | 0.13 – 1.5 mm <sup>2</sup> |         |
| Cross section solid/stranded | 0.13 – 2.5 mm <sup>2</sup> |         |
| Cross section, AWG           | 30 – 14                    | 30 – 14 |
| Rated current                | 17,5 A                     | 15 A    |
| Rated voltage                | 400 V                      | 300 V   |
| Rated impulse voltage        | 6 kV                       | 600 V   |
| Pollution degree             | 3                          |         |

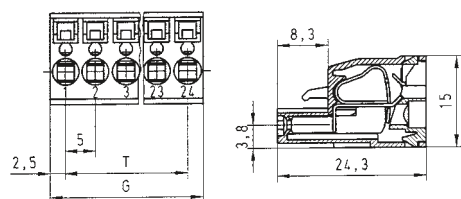
### ACCESSORIES

| Type                                    | Part No.                                     | Std. Pack         |
|-----------------------------------------|----------------------------------------------|-------------------|
| End plate                               | gray APF 1,5 E                               | 07.312.3553.0 10  |
| Partition                               | gray TWF 1,5 E                               | 07.312.3653.0 10  |
| Wire entry guide                        | 0.13 – 0.2 mm <sup>2</sup> LEL 1,5/1 WEISS   | 05.562.2453.0 100 |
|                                         | 0.25 – 0.5 mm <sup>2</sup> LEL 1,5/2 GRAU    | 05.562.2553.0 100 |
|                                         | 0.75 – 1.0 mm <sup>2</sup> LEL 1,5/3 SCHWARZ | 05.562.2653.0 100 |
| Cover with warning symbol over 4 blocks | ADF 1,5/4 GELB                               | 04.343.8353.8 10  |

## WIECON PC BOARD CONNECTOR

### TYPE 8113 BFK

- Spring clamp/tension spring system
- 5 mm spacing, nominal cross section 2,5 mm<sup>2</sup>
- Accessories: coding pice 05.561.9153.0
- Rated voltages: VDE 0110/01.89  
250 V/4 kV/3 – Overvoltage category III  
400 V/4 kV/2 – Overvoltage category II  
1000 V/4 kV/1 – Overvoltage category I



| G                   | T     | Pole | Part No.        | Part No.      | Std. Pack |
|---------------------|-------|------|-----------------|---------------|-----------|
| <b>5 mm spacing</b> |       |      | <b>unmarked</b> | <b>marked</b> |           |
| 10.00               | 5.00  | 2    | 25.920.3253.0   | 25.920.0253.0 | 100       |
| 15.00               | 10.00 | 3    | 25.920.3353.0   | 25.920.0353.0 | 100       |
| 20.00               | 15.00 | 4    | 25.920.3453.0   | 25.920.0453.0 | 50        |
| 25.00               | 20.00 | 5    | 25.920.3553.0   | 25.920.0553.0 | 50        |
| 30.00               | 25.00 | 6    | 25.920.3653.0   | 25.920.0653.0 | 50        |
| 35.00               | 30.00 | 7    | 25.920.3753.0   | 25.920.0753.0 | 50        |
| 40.00               | 35.00 | 8    | 25.920.3853.0   | 25.920.0853.0 | 50        |
| 45.00               | 40.00 | 9    | 25.920.3953.0   | 25.920.0953.0 | 50        |
| 50.00               | 45.00 | 10   | 25.920.4053.0   | 25.920.1053.0 | 50        |
| 55.00               | 50.00 | 11   | 25.920.4153.0   | 25.920.1153.0 | 50        |
| 60.00               | 55.00 | 12   | 25.920.4253.0   | 25.920.1253.0 | 50        |
| 65.00               | 60.00 | 13   | 25.920.4353.0   | 25.920.1353.0 | 50        |
| 70.00               | 65.00 | 14   | 25.920.4453.0   | 25.920.1453.0 | 50        |
| 75.00               | 70.00 | 15   | 25.920.4553.0   | 25.920.1553.0 | 50        |
| 80.00               | 75.00 | 16   | 25.920.4653.0   | 25.920.1653.0 | 50        |

17- to 24-pole configurations upon request

### GENERAL DATA

|                   |      |
|-------------------|------|
| Wire strip length | 9 mm |
| Approvals         |      |

### TECHNICAL DATA

| IEC                          | UL                         | CSA     |
|------------------------------|----------------------------|---------|
| EN 60947-7-1                 |                            |         |
| Cross section fine-stranded  | 0.13 – 2.5 mm <sup>2</sup> |         |
| Cross section solid/stranded | 0.13 – 4 mm <sup>2</sup>   |         |
| Cross section, AWG           | 22 – 12                    | 22 – 12 |
| Rated current                | 12 A                       | 12 A    |
| Rated voltage                | 300 V                      | 300 V   |
| Rated impulse voltage        |                            |         |
| Pollution degree             |                            |         |

## ACCESSORIES FOR FASIS WKF 2,5 D AND WKF 1,5 E



| ACCESSORIES                            | Type                     | Part No.      | Std. Pack |
|----------------------------------------|--------------------------|---------------|-----------|
| Cross connector, insulated             | 2-pole IVB WKF 2,5 – 2   | Z7.280.6227.0 | 10        |
|                                        | 3-pole IVB WKF 2,5 – 3   | Z7.280.6327.0 | 10        |
|                                        | 4-pole IVB WKF 2,5 – 4   | Z7.280.6427.0 | 10        |
|                                        | 5-pole IVB WKF 2,5 – 5   | Z7.280.6527.0 | 10        |
|                                        | 6-pole IVB WKF 2,5 – 6   | Z7.280.6627.0 | 10        |
|                                        | 7-pole IVB WKF 2,5 – 7   | Z7.280.6727.0 | 20        |
|                                        | 8-pole IVB WKF 2,5 – 8   | Z7.280.6827.0 | 20        |
|                                        | 9-pole IVB WKF 2,5 – 9   | Z7.280.6927.0 | 20        |
|                                        | 10-pole IVB WKF 2,5 – 10 | Z7.280.7027.0 | 20        |
|                                        | 20-pole IVB WKF 2,5 – 20 | Z7.280.8027.0 | 20        |
| Cover with warning symbol over 4-poles | yellow AD 8113/4 GELB    | 04.343.6853.8 | 10        |
| Screwdriver, uninsulated               | DIN 5264 B 0,6x3,5       | 06.502.4000.0 | 5         |
| Coding strip                           |                          | 05.561.0053.0 | 100       |

Technical information see FACTS & DATA page 158 ff.

Subject to technical modifications

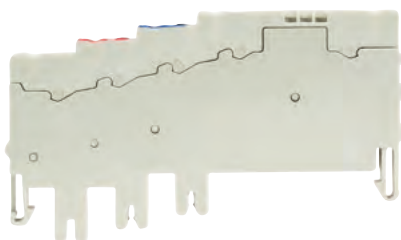
# INITIATOR AND ACTUATOR BLOCKS WITH TENSION SPRING CONNECTION

For machine and system control wiring, practice-oriented solutions are preferred that are primarily economical and reliable and thus contribute to the system's operational and functional safety.



## WKF 1,5 KOI 3L...

- Initiator block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm<sup>2</sup>



37.702.7453.0  
\* 65 V/1.5 kV/3



37.702.8453.0  
\* DC 24 V  
same as picture,  
but with LED



| Description              | Type                    | Part No.      | Std. Pack |
|--------------------------|-------------------------|---------------|-----------|
| Initiator block          | gray WKF 1,5 KOI 3L     | 37.702.7453.0 | 50        |
| Initiator block with LED | gray WKF 1,5 KOI 3L-PGE | 37.702.8453.0 | 50        |

### GENERAL DATA

|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 71 mm / 48 mm |
| Wire strip length                     | 10 mm                |
| Approvals                             |                      |

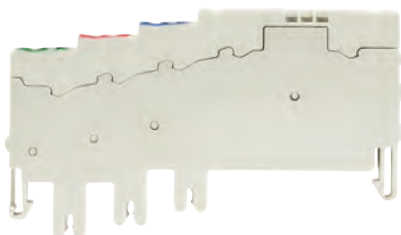
### TECHNICAL DATA

| IEC                          | UL                         | CSA     |
|------------------------------|----------------------------|---------|
| EN 60947-7-1                 |                            |         |
| Cross section fine-stranded  | 0.13 – 1.5 mm <sup>2</sup> |         |
| Cross section solid/stranded | 0.13 – 1.5 mm <sup>2</sup> |         |
| Cross section, AWG           | 22 – 16                    | 28 – 16 |
| Rated current                | 10 A                       | 10 A    |
| Rated voltage                | *                          | 65 V    |
| Rated impulse voltage        |                            | 65 V    |
| Pollution degree             |                            |         |

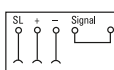
| Accessories              | Type                                         | Part No.      | Std. Pack |
|--------------------------|----------------------------------------------|---------------|-----------|
| Wire entry guide         | 0.13 – 0.2 mm <sup>2</sup> LEL 1,5/1 WEISS   | 05.562.2453.0 | 100       |
|                          | 0.25 – 0.5 mm <sup>2</sup> LEL 1,5/2 GRAU    | 05.562.2553.0 | 100       |
|                          | 0.75 – 1.0 mm <sup>2</sup> LEL 1,5/3 SCHWARZ | 05.562.2653.0 | 100       |
| Screwdriver, uninsulated | DIN 5264 B 0,6x3,5                           | 06.502.4000.0 | 5         |

## WKF 1,5 KOI 3L/SL...

- Initiator block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm<sup>2</sup>



37.702.7553.0  
\* 65 V/1.5 kV/3



37.702.8553.0  
\* DC 24 V  
same as picture,  
but with LED



| Description              | Type                       | Part No.      | Std. Pack |
|--------------------------|----------------------------|---------------|-----------|
| Initiator block          | gray WKF 1,5 KOI 3L/SL     | 37.702.7553.0 | 50        |
| Initiator block with LED | gray WKF 1,5 KOI 3L/SL-PGE | 37.702.8553.0 | 50        |

### GENERAL DATA

|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 71 mm / 48 mm |
| Wire strip length                     | 10 mm                |
| Approvals                             |                      |

### TECHNICAL DATA

| IEC                          | UL                         | CSA     |
|------------------------------|----------------------------|---------|
| EN 60947-7-1                 |                            |         |
| Cross section fine-stranded  | 0.13 – 1.5 mm <sup>2</sup> |         |
| Cross section solid/stranded | 0.13 – 1.5 mm <sup>2</sup> |         |
| Cross section, AWG           | 22 – 16                    | 28 – 16 |
| Rated current                | 10 A                       | 10 A    |
| Rated voltage                | *                          | 65 V    |
| Rated impulse voltage        |                            | 65 V    |
| Pollution degree             |                            |         |

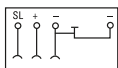
| Accessories              | Type                                         | Part No.      | Std. Pack |
|--------------------------|----------------------------------------------|---------------|-----------|
| Wire entry guide         | 0.13 – 0.2 mm <sup>2</sup> LEL 1,5/1 WEISS   | 05.562.2453.0 | 100       |
|                          | 0.25 – 0.5 mm <sup>2</sup> LEL 1,5/2 GRAU    | 05.562.2553.0 | 100       |
|                          | 0.75 – 1.0 mm <sup>2</sup> LEL 1,5/3 SCHWARZ | 05.562.2653.0 | 100       |
| Screwdriver, uninsulated | DIN 5264 B 0,6x3,5                           | 06.502.4000.0 | 5         |

## WKF 1,5 KOE...

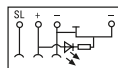
- Supply block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm<sup>2</sup>



37.702.7753.0  
\* 65 V/1.5 kV/3



37.702.8753.0  
\* DC 24 V  
same as picture,  
but with LED



| Description           | Type  | Part No.        | Std. Pack     |
|-----------------------|-------|-----------------|---------------|
| Supply block          | black | WKF 1,5 KOE     | 37.702.7753.0 |
| Supply block with LED | black | WKF 1,5 KOE-PGN | 37.702.8753.0 |

### GENERAL DATA

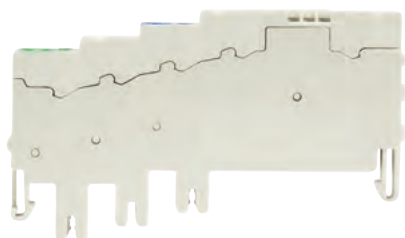
|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 71 mm / 48 mm |
| Wire strip length                     | 10 mm                |
| Approvals                             | UL                   |

| TECHNICAL DATA               | IEC                        | UL      | CSA     |
|------------------------------|----------------------------|---------|---------|
|                              | EN 60947-7-1               |         |         |
| Cross section fine-stranded  | 0.13 – 1.5 mm <sup>2</sup> |         |         |
| Cross section solid/stranded | 0.13 – 1.5 mm <sup>2</sup> |         |         |
| Cross section, AWG           |                            | 22 – 16 | 28 – 16 |
| Rated current                | 10 A                       | 10 A    | 10 A    |
| Rated voltage                | *                          | 65 V    | 65 V    |
| Rated impulse voltage        |                            |         |         |
| Pollution degree             |                            |         |         |

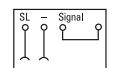
| ACCESSORIES              | Type                       | Part No.          | Std. Pack     |
|--------------------------|----------------------------|-------------------|---------------|
| Wire entry guide         | 0.13 – 0.2 mm <sup>2</sup> | LEL 1,5/1 WEISS   | 05.562.2453.0 |
|                          | 0.25 – 0.5 mm <sup>2</sup> | LEL 1,5/2 GRAU    | 05.562.2553.0 |
|                          | 0.75 – 1.0 mm <sup>2</sup> | LEL 1,5/3 SCHWARZ | 05.562.2653.0 |
| Screwdriver, uninsulated | DIN 5264 B 0,6x3,5         | 06.502.4000.0     | 5             |

## WKF 1,5 KOA 2L...

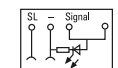
- Actuator block with tension spring connection for mounting on TS 35
- Nominal cross section 1.5 mm<sup>2</sup>



37.702.7653.0  
\* 65 V/1.5 kV/3



37.702.8653.0  
\* DC 24 V  
same as picture,  
but with LED



| Description             | Type | Part No.              | Std. Pack     |
|-------------------------|------|-----------------------|---------------|
| Actuator block          | gray | WKF 1,5 KOA 2L        | 37.702.7653.0 |
| Actuator block with LED | gray | WKF 1,5 KOA 2L/SL-PGE | 37.702.8653.0 |

### GENERAL DATA

|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 71 mm / 48 mm |
| Wire strip length                     | 10 mm                |
| Approvals                             | UL                   |

| TECHNICAL DATA               | IEC                        | UL      | CSA |
|------------------------------|----------------------------|---------|-----|
|                              | EN 60947-7-1               |         |     |
| Cross section fine-stranded  | 0.13 – 1.5 mm <sup>2</sup> |         |     |
| Cross section solid/stranded | 0.13 – 1.5 mm <sup>2</sup> |         |     |
| Cross section, AWG           |                            | 28 – 16 |     |
| Rated current                | 10 A                       | 10 A    |     |
| Rated voltage                | *                          | 65 V    |     |
| Rated impulse voltage        |                            |         |     |
| Pollution degree             |                            |         |     |

| ACCESSORIES              | Type                       | Part No.          | Std. Pack     |
|--------------------------|----------------------------|-------------------|---------------|
| Wire entry guide         | 0.13 – 0.2 mm <sup>2</sup> | LEL 1,5/1 WEISS   | 05.562.2453.0 |
|                          | 0.25 – 0.5 mm <sup>2</sup> | LEL 1,5/2 GRAU    | 05.562.2553.0 |
|                          | 0.75 – 1.0 mm <sup>2</sup> | LEL 1,5/3 SCHWARZ | 05.562.2653.0 |
| Screwdriver, uninsulated | DIN 5264 B 0,6x3,5         | 06.502.4000.0     | 5             |

## VM WKF ...

- Connection module for 9 or 18 blocks



| Description                     | Type  | Part No.      | Std. Pack     |
|---------------------------------|-------|---------------|---------------|
| Connection module for 9 blocks  | black | VM WKF KO..9  | 69.700.0953.0 |
| Connection module for 18 blocks | black | VM WKF KO..18 | 69.700.1853.0 |

### GENERAL DATA

|                        |                        |
|------------------------|------------------------|
| Length: 9-pole module  | L = 9 x 5 mm + 1.5 mm  |
| Length: 18-pole module | L = 18 x 5 mm + 1.5 mm |
| Approvals              | UL                     |

| TECHNICAL DATA               | IEC                        | UL   |
|------------------------------|----------------------------|------|
|                              | EN 60947-7-1               |      |
| Cross section fine-stranded  | 0.13 – 1.5 mm <sup>2</sup> |      |
| Cross section solid/stranded | 0.13 – 1.5 mm <sup>2</sup> |      |
| Cross section, AWG           |                            |      |
| Rated current                | 10 A                       | 10 A |
| Rated voltage                | *                          | 65 V |
| Rated impulse voltage        |                            |      |
| Pollution degree             |                            |      |

# FASIS MINI – DIN RAIL TERMINAL BLOCKS WITH TENSION SPRING CONNECTION

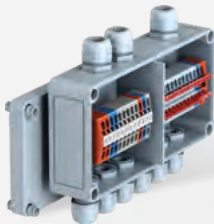
With our DIN rail terminal block system fasis MINI we focus on the application's size and flexibility. fasis MINI is a range of DIN rail terminal blocks in tension spring technology designed for installation in confined spaces.

The potential in the WKFM 2,5 terminal block series can be distributed, modified and extended quickly, flexibly and without problem by using cross connectors.



## APPLICATION SPECIFIC OPTIONS

- Push-in mounting pin for installation directly onto the panel
- Screw flange for installation directly onto the panel
- Installation on TS 15 or TS 35 mounting rails



## SOLUTIONS FOR CONFINED SPACES

- Space-saving miniature terminal blocks in many designs for installation inside distribution boxes, motors and applications with confined space requirements
- Easy wiring with user-friendly screwdriver entry guides at the top of the block
- Marking tags easily readable even with the wires connected
- Customized assembly design and marking using wieplot



## PERMANENT ELECTRICAL CONNECTION

- The tension spring system provides a dynamic clamping connection. Load-controlled and thermal cold flow properties of the connected wires are balanced
- Maintenance-free and gas-tight electrical connection as specified by the approvals. Customized layouts can be created individually
- Separation of electrical and mechanical functions



## CUSTOMIZED ASSEMBLY

- DIN rail terminal blocks of the fasis MINI series are available in 2 and 4-pole configurations
- fasis MINI blocks can be snapped together with the integrated latching pins, with or without a mounting rail
- The various potentials and terminal blocks are visually distinguished by several color variations
- Individual marking using marking tags or customized printing of the terminal blocks



## WKMF 2,5/15

- Feed-through block with tension spring connection for mounting on TS 15
- Nominal cross section 2.5 mm<sup>2</sup>
- Ex e II  II 2GD  
Follow the EX installation instructions on page 174



| Description        | Type | Part No.    | Std. Pack     |
|--------------------|------|-------------|---------------|
| Feed-through block | gray | WKMF 2,5/15 | 55.703.0053.0 |
| Feed-through block | blue | WKMF 2,5/15 | 55.703.0053.6 |

### GENERAL DATA

|                                       |                                                                                                            |
|---------------------------------------|------------------------------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 5.5 | 5 mm / 36 mm / 30 mm                                                                                       |
| Wire strip length                     | 10 mm                                                                                                      |
| Approvals                             | ATEX  KEMA 03 ATEX 2071 U |

### TECHNICAL DATA

| IEC                          | UL                         | CSA     |  |
|------------------------------|----------------------------|---------|-------------------------------------------------------------------------------------|
| EN 60 947-7-1                |                            |         | EN 60 079-0/-7                                                                      |
| Cross section fine-stranded  | 0.13 – 2.5 mm <sup>2</sup> |         | 0.5 – 2.5 mm <sup>2</sup>                                                           |
| Cross section solid/stranded | 0.13 – 2.5 mm <sup>2</sup> |         | 0.5 – 2.5 mm <sup>2</sup>                                                           |
| Cross section, AWG           | 26 – 12                    | 26 – 12 |                                                                                     |
| Rated current                | 24 A                       | 20 A    | 19/20 A <sup>1)</sup>                                                               |
| Rated voltage                | 500 V                      | 300 V   | 275 V <sup>2)</sup>                                                                 |
| Rated impulse voltage        | 6 kV                       |         |                                                                                     |
| Pollution degree             | 3                          |         |                                                                                     |

### Note

<sup>1)</sup> with/without jumper

<sup>2)</sup> For maintaining the proper isolation distances, the open side of feed-through or ground blocks as well as both sides of a jumper are to be covered by partitions.

## WKMF 2,5 SL/15

- Ground block with tension spring connection for mounting on TS 15
- Nominal cross section 2.5 mm<sup>2</sup>
- Ex e II  II 2GD  
Follow the EX installation instructions on page 174



| Description  | Type         | Part No.       | Std. Pack     |
|--------------|--------------|----------------|---------------|
| Ground block | green/yellow | WKMF 2,5 SL/15 | 55.703.9053.0 |

### GENERAL DATA

|                                       |                                                                                                              |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Width / length / height, incl. TS 5.5 | 5 mm / 36 mm / 30 mm                                                                                         |
| Wire strip length                     | 10 mm                                                                                                        |
| Approvals                             | ATEX  KEMA 03 ATEX 2071 U |

### TECHNICAL DATA

| IEC                          | UL                         | CSA     |  |
|------------------------------|----------------------------|---------|---------------------------------------------------------------------------------------|
| EN 60 947-7-2                |                            |         | EN 60 079-0/-7                                                                        |
| Cross section fine-stranded  | 0.13 – 2.5 mm <sup>2</sup> |         | 0.5 – 2.5 mm <sup>2</sup>                                                             |
| Cross section solid/stranded | 0.13 – 2.5 mm <sup>2</sup> |         | 0.5 – 2.5 mm <sup>2</sup>                                                             |
| Cross section, AWG           | 26 – 12                    | 26 – 12 |                                                                                       |
| Rated current                |                            |         |                                                                                       |
| Rated voltage                | 500 V                      | 300 V   | 300 V <sup>1)</sup>                                                                   |
| Rated impulse voltage        | 6 kV                       |         |                                                                                       |
| Pollution degree             | 3                          |         |                                                                                       |

### Note

<sup>1)</sup> For maintaining the proper isolation distances, the open side of feed-through or ground blocks as well as both sides of a jumper are to be covered by partitions.

## ACCESSORIES FOR FASIS WKMF 2,5



| ACCESSORIES                    | Type                 | Part No.          | Std. Pack     |
|--------------------------------|----------------------|-------------------|---------------|
| End plate, 1.5 mm wide         | gray                 | APMF 2,5 /15      | 07.312.5953.0 |
| Cross connector, insulated     | 2-pole               | IVB WKMF 2,5 – 2  | 27.260.0229.0 |
|                                | 3-pole               | IVB WKMF 2,5 – 3  | 27.260.0329.0 |
|                                | 4-pole               | IVB WKMF 2,5 – 4  | 27.260.0429.0 |
|                                | 5-pole               | IVB WKMF 2,5 – 5  | 27.260.0529.0 |
|                                | 10-pole              | IVB WKMF 2,5 – 10 | 27.260.1029.0 |
|                                | 50-pole              | IVB WKMF 2,5 M50  | 27.260.0029.0 |
| Screwdriver, uninsulated       | DIN 5264 B 0,6x3,5   | 06.502.4000.0     | 5             |
| Screwdriver, uninsulated, MINI | DIN 5264 B 0,6x3,5 M | 06.502.5000.0     | 10            |

More accessories page 130 ff.

Technical information see FACTS & DATA page 158 ff.

Subject to technical modifications

# FASIS MINI · MINI TERMINAL BLOCKS WITH TENSION SPRING CONNECTION

## WKF 2,5/M WITH FLANGE

- Feed-through block with tension spring connection with or without flange
- Nominal cross section 2.5 mm<sup>2</sup>



WKF 2,5/M/F



WKF 2,5/M

| Description                    | Type                      | Part No.      | Std. Pack |
|--------------------------------|---------------------------|---------------|-----------|
| Feed-through block unmarked    | gray WKF 2,5/M            | 37.703.0553.0 | 100       |
| Feed-through block unmarked    | blue WKF 2,5/M BLAU       | 37.703.0553.6 | 100       |
| Feed-through block unmarked    | orange WKF 2,5/M ORANGE   | 37.703.0553.9 | 100       |
| Feed-through block with flange | gray WKF 2,5/M/F          | 39.703.0153.0 | 100       |
| Feed-through block with flange | blue WKF 2,5/M/F BLAU     | 39.703.0153.6 | 100       |
| Feed-through block with flange | orange WKF 2,5/M/F ORANGE | 39.703.0153.9 | 100       |

### GENERAL DATA

|                         |                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Width / length / height | 5 mm / 36 mm / 23 mm                                                                                                                                                 |
| Wire strip length       | 11 mm                                                                                                                                                                |
| Approvals               |   |

### TECHNICAL DATA

| IEC                          | UL                         | CSA     |
|------------------------------|----------------------------|---------|
| EN 60947-7-1                 |                            |         |
| Cross section fine-stranded  | 0.13 – 2.5 mm <sup>2</sup> |         |
| Cross section solid/stranded | 0.13 – 4 mm <sup>2</sup>   |         |
| Cross section, AWG           | 22 – 12                    | 24 – 12 |
| Rated current                | 24 A                       | 20 A    |
| Rated voltage                | 800 V                      | 600 V   |
| Rated impulse voltage        | 8 kV                       | 600 V   |
| Pollution degree             | 3                          |         |

## WKF 2,5/MD WITH FLANGE

- Duo feed-through block with tension spring connection with or without flange
- Nominal cross section 2.5 mm<sup>2</sup>



WKF 2,5/MD/F



WKF 2,5/MD

| Description                        | Type                       | Part No.      | Std. Pack |
|------------------------------------|----------------------------|---------------|-----------|
| Duo feed-through block unmarked    | gray WKF 2,5/MD            | 37.703.1053.0 | 100       |
| Duo feed-through block unmarked    | blue WKF 2,5/MD BLAU       | 37.703.1053.6 | 100       |
| Duo feed-through block unmarked    | orange WKF 2,5/MD ORANGE   | 37.703.1053.9 | 100       |
| Duo feed-through block with flange | gray WKF 2,5/MD/F          | 39.703.0253.0 | 100       |
| Duo feed-through block with flange | blue WKF 2,5/MD/F BLAU     | 39.703.0253.6 | 100       |
| Duo feed-through block with flange | orange WKF 2,5/MD/F ORANGE | 39.703.0253.9 | 100       |

### GENERAL DATA

|                         |                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Width / length / height | 10 mm / 36 mm / 23 mm                                                                                                                                                    |
| Wire strip length       | 11 mm                                                                                                                                                                    |
| Approvals               |   |

### TECHNICAL DATA

| IEC                          | UL                         | CSA     |
|------------------------------|----------------------------|---------|
| EN 60947-7-1                 |                            |         |
| Cross section fine-stranded  | 0.13 – 2.5 mm <sup>2</sup> |         |
| Cross section solid/stranded | 0.13 – 4 mm <sup>2</sup>   |         |
| Cross section, AWG           | 22 – 12                    | 24 – 12 |
| Rated current                | 24 A                       | 20 A    |
| Rated voltage                | 800 V                      | 600 V   |
| Rated impulse voltage        | 8 kV                       | 600 V   |
| Pollution degree             | 3                          |         |

## ACCESSORIES FOR FASIS WKF 2,5/M

| ACCESSORIES                        | Type                                         | Part No.      | Std. Pack |
|------------------------------------|----------------------------------------------|---------------|-----------|
| End plate with flange on the right | gray APF 2,5/M.../F/R                        | 07.312.3153.0 | 10        |
| End plate with flange on the right | blue APF 2,5/M.../F/R BLAU                   | 07.312.3153.6 | 10        |
| End plate with flange on the right | orange APF 2,5/M.../F/R ORANGE               | 07.312.3153.9 | 10        |
| Wire entry guide                   | 0.13 – 0.2 mm <sup>2</sup> LEL 2,5/1 WEISS   | 05.561.6553.0 | 100       |
| Wire entry guide                   | 0.25 – 0.5 mm <sup>2</sup> LEL 2,5/2 GRAU    | 05.561.6653.0 | 100       |
| Wire entry guide                   | 0.75 – 1.0 mm <sup>2</sup> LEL 2,5/3 SCHWARZ | 05.561.6753.0 | 100       |
| Cross connector, insulated         | 2-pole                                       | 05.902.3500.0 | 10        |
| Marking strip, unmarked            | (4 x 22 pcs.)                                | 04.244.0053.0 | 5         |
| marked                             | (1 – 11)                                     | 04.844.2053.0 | 5         |
| marked                             | (12 – 55)                                    | 04.844.2153.0 | 5         |
| marked                             | (56 – 99)                                    | 04.844.2253.0 | 5         |
| Screwdriver, uninsulated           | DIN 5264 B 0,6 x 3,5                         | 06.502.4000.0 | 5         |

More accessories page 130 ff.

### WKF 2,5/M/R WITH MOUNTING FOOT

- Feed-through block with tension spring connection, unmarked
- Nominal cross section 2.5 mm<sup>2</sup>



Mounting hole: Ø 3,5 mm  
Plate thickness: 0,6 – 1,2 mm

| Description                 | Type   | Part No.           | Std. Pack     |
|-----------------------------|--------|--------------------|---------------|
| Feed-through block unmarked | gray   | WKF 2,5/M/R        | 38.703.0553.0 |
| Feed-through block unmarked | blue   | WKF 2,5/M/R BLAU   | 38.703.0553.6 |
| Feed-through block unmarked | orange | WKF 2,5/M/R ORANGE | 38.703.0553.9 |

#### GENERAL DATA

|                         |                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Width / length / height | 5 mm / 36 mm / 23 mm                                                                                                                                                 |
| Wire strip length       | 11 mm                                                                                                                                                                |
| Approvals               |   |

#### TECHNICAL DATA

| IEC                          | UL                         | CSA     |
|------------------------------|----------------------------|---------|
| EN 60947-7-1                 |                            |         |
| Cross section fine-stranded  | 0.13 – 2.5 mm <sup>2</sup> |         |
| Cross section solid/stranded | 0.13 – 4 mm <sup>2</sup>   |         |
| Cross section, AWG           | 22 – 12                    | 24 – 12 |
| Rated current                | 24 A                       | 20 A    |
| Rated voltage                | 800 V                      | 600 V   |
| Rated impulse voltage        | 8 kV                       | 600 V   |
| Pollution degree             | 3                          |         |

### WKF 2,5/MD/R WITH MOUNTING FOOT

- Duo feed-through block with tension spring connection, unmarked
- Nominal cross section 2.5 mm<sup>2</sup>



Mounting hole: Ø 3,5 mm  
Plate thickness: 0,6 – 1,2 mm

| Description                     | Type   | Part No.            | Std. Pack     |
|---------------------------------|--------|---------------------|---------------|
| Duo feed-through block unmarked | gray   | WKF 2,5/MD/R        | 38.703.1053.0 |
| Duo feed-through block unmarked | blue   | WKF 2,5/MD/R BLAU   | 38.703.1053.6 |
| Duo feed-through block unmarked | orange | WKF 2,5/MD/R ORANGE | 38.703.1053.9 |

#### GENERAL DATA

|                         |                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Width / length / height | 10 mm / 36 mm / 23 mm                                                                                                                                                    |
| Wire strip length       | 11 mm                                                                                                                                                                    |
| Approvals               |   |

#### TECHNICAL DATA

| IEC                          | UL                         | CSA     |
|------------------------------|----------------------------|---------|
| EN 60947-7-1                 |                            |         |
| Cross section fine-stranded  | 0.13 – 2.5 mm <sup>2</sup> |         |
| Cross section solid/stranded | 0.13 – 4 mm <sup>2</sup>   |         |
| Cross section, AWG           | 22 – 12                    | 24 – 12 |
| Rated current                | 24 A                       | 20 A    |
| Rated voltage                | 800 V                      | 600 V   |
| Rated impulse voltage        | 8 kV                       | 600 V   |
| Pollution degree             | 3                          |         |

## ACCESSORIES FOR FASIS WKF 2,5/M/R

| ACCESSORIES                | Type                       | Part No.            | Std. Pack     |
|----------------------------|----------------------------|---------------------|---------------|
| End plate                  | gray                       | APF 2,5/M...        | 07.312.2953.0 |
| End plate                  | blue                       | APF 2,5/M... BLAU   | 07.312.2953.6 |
| End plate                  | orange                     | APF 2,5/M... ORANGE | 07.312.2953.9 |
| Wire entry guide           | 0.13 – 0.2 mm <sup>2</sup> | LEL 2,5/1 WEISS     | 05.561.6553.0 |
| Wire entry guide           | 0.25 – 0.5 mm <sup>2</sup> | LEL 2,5/2 GRAU      | 05.561.6653.0 |
| Wire entry guide           | 0.75 – 1.0 mm <sup>2</sup> | LEL 2,5/3 SCHWARZ   | 05.561.6753.0 |
| Cross connector, insulated | 2-pole                     |                     | 05.902.3500.0 |
| Marking strip, unmarked    | (4 x 22 pcs.)              |                     | 04.244.0053.0 |
| marked                     | (1 – 11)                   |                     | 04.844.2053.0 |
| marked                     | (12 – 55)                  |                     | 04.844.2153.0 |
| marked                     | (56 – 99)                  |                     | 04.844.2253.0 |
| Screwdriver, uninsulated   | DIN 5264 B 0,6 x 3,5       |                     | 06.502.4000.0 |

# FASIS MINI · MINI TERMINAL BLOCKS WITH TENSION SPRING CONNECTION

## WKF 2,5/M/15

- Feed-through block with tension spring connection, unmarked, for mounting on TS 15
- Nominal cross section 2.5 mm²



| Description                 | Type                       | Part No.      | Std. Pack |
|-----------------------------|----------------------------|---------------|-----------|
| Feed-through block unmarked | gray WKF 2,5/M/15          | 55.703.0553.0 | 100       |
| Feed-through block unmarked | blue WKF 2,5/M/15 BLAU     | 55.703.0553.6 | 100       |
| Feed-through block unmarked | orange WKF 2,5/M/15 ORANGE | 55.703.0553.9 | 100       |
| Feed-through block unmarked | green WKF 2,5/M/15 GRÜN    | 55.703.0553.7 | 100       |

| GENERAL DATA                          |                                                                                                                                                                      |              |         |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|
| Width / length / height, incl. TS 5.5 | 5 mm / 36 mm / 27 mm                                                                                                                                                 |              |         |
| Wire strip length                     | 11 mm                                                                                                                                                                |              |         |
| Approvals                             |   |              |         |
| TECHNICAL DATA                        |                                                                                                                                                                      | IEC          | UL      |
|                                       |                                                                                                                                                                      | EN 60947-7-1 | CSA     |
| Cross section fine-stranded           | 0.13 – 2.5 mm²                                                                                                                                                       |              |         |
| Cross section solid/stranded          | 0.13 – 4 mm²                                                                                                                                                         |              |         |
| Cross section, AWG                    | 22 – 12                                                                                                                                                              |              | 24 – 12 |
| Rated current                         | 24 A                                                                                                                                                                 | 20 A         | 25 A    |
| Rated voltage                         | 800 V                                                                                                                                                                | 600 V        | 600 V   |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                 |              |         |
| Pollution degree                      | 3                                                                                                                                                                    |              |         |

## WKF 2,5/MD/15

- Duo feed-through block with tension spring connection, unmarked, for mounting on TS 15
- Nominal cross section 2.5 mm²



| Description                     | Type                        | Part No.      | Std. Pack |
|---------------------------------|-----------------------------|---------------|-----------|
| Duo feed-through block unmarked | gray WKF 2,5/MD/15          | 55.703.1053.0 | 100       |
| Duo feed-through block unmarked | blue WKF 2,5/MD/15 BLAU     | 55.703.1053.6 | 100       |
| Duo feed-through block unmarked | orange WKF 2,5/MD/15 ORANGE | 55.703.1053.9 | 100       |
| Duo feed-through block unmarked | green WKF 2,5/MD/15 GRÜN    | 55.703.1053.7 | 100       |

| GENERAL DATA                          |                                                                                                                                                                          |              |         |
|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------|
| Width / length / height, incl. TS 5.5 | 10 mm / 36 mm / 27 mm                                                                                                                                                    |              |         |
| Wire strip length                     | 11 mm                                                                                                                                                                    |              |         |
| Approvals                             |   |              |         |
| TECHNICAL DATA                        |                                                                                                                                                                          | IEC          | UL      |
|                                       |                                                                                                                                                                          | EN 60947-7-1 | CSA     |
| Cross section fine-stranded           | 0.13 – 2.5 mm²                                                                                                                                                           |              |         |
| Cross section solid/stranded          | 0.13 – 4 mm²                                                                                                                                                             |              |         |
| Cross section, AWG                    | 22 – 12                                                                                                                                                                  |              | 24 – 12 |
| Rated current                         | 24 A                                                                                                                                                                     | 20 A         | 25 A    |
| Rated voltage                         | 800 V                                                                                                                                                                    | 600 V        | 600 V   |
| Rated impulse voltage                 | 8 kV                                                                                                                                                                     |              |         |
| Pollution degree                      | 3                                                                                                                                                                        |              |         |

## WKF 2,5/M/35

- Feed-through block with tension spring connection, unmarked, for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                 | Type   | Part No.            | Std. Pack     |
|-----------------------------|--------|---------------------|---------------|
| Feed-through block unmarked | gray   | WKF 2,5/M/35        | 56.703.0553.0 |
| Feed-through block unmarked | blue   | WKF 2,5/M/35 BLAU   | 56.703.0553.6 |
| Feed-through block unmarked | orange | WKF 2,5/M/35 ORANGE | 56.703.0553.9 |
| Feed-through block unmarked | green  | WKF 2,5/M/35 GRÜN   | 56.703.0553.7 |

### GENERAL DATA

|                                       |                      |
|---------------------------------------|----------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 36 mm / 32 mm |
| Wire strip length                     | 11 mm                |
| Approvals                             |                      |

### TECHNICAL DATA

|                              | IEC                        | UL      | CSA     |
|------------------------------|----------------------------|---------|---------|
|                              | EN 60947-7-1               |         |         |
| Cross section fine-stranded  | 0.13 – 2.5 mm <sup>2</sup> |         |         |
| Cross section solid/stranded | 0.13 – 4 mm <sup>2</sup>   |         |         |
| Cross section, AWG           |                            | 22 – 12 | 24 – 12 |
| Rated current                | 24 A                       | 20 A    | 25 A    |
| Rated voltage                | 800 V                      | 600 V   | 600 V   |
| Rated impulse voltage        | 8 kV                       |         |         |
| Pollution degree             | 3                          |         |         |

## WKF 2,5/MD/35

- Duo-Feed-through block with tension spring connection, unmarked, for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                     | Type   | Part No.             | Std. Pack     |
|---------------------------------|--------|----------------------|---------------|
| Duo-Feed-through block unmarked | gray   | WKF 2,5/MD/35        | 56.703.1053.0 |
| Duo-Feed-through block unmarked | blue   | WKF 2,5/MD/35 BLAU   | 56.703.1053.6 |
| Duo-Feed-through block unmarked | orange | WKF 2,5/MD/35 ORANGE | 56.703.1053.9 |
| Duo-Feed-through block unmarked | green  | WKF 2,5/MD/35 GRÜN   | 56.703.1053.7 |

### GENERAL DATA

|                                       |                       |
|---------------------------------------|-----------------------|
| Width / length / height, incl. TS 7.5 | 10 mm / 36 mm / 32 mm |
| Wire strip length                     | 11 mm                 |
| Approvals                             |                       |

### TECHNICAL DATA

|                              | IEC                        | UL      | CSA     |
|------------------------------|----------------------------|---------|---------|
|                              | EN 60947-7-1               |         |         |
| Cross section fine-stranded  | 0.13 – 2.5 mm <sup>2</sup> |         |         |
| Cross section solid/stranded | 0.13 – 4 mm <sup>2</sup>   |         |         |
| Cross section, AWG           |                            | 22 – 12 | 24 – 12 |
| Rated current                | 24 A                       | 20 A    | 25 A    |
| Rated voltage                | 800 V                      | 600 V   | 600 V   |
| Rated impulse voltage        | 8 kV                       |         |         |
| Pollution degree             | 3                          |         |         |

## ACCESSORIES FOR FASIS WKF 2,5/M

| ACCESSORIES                | Type                       | Part No.            | Std. Pack     |
|----------------------------|----------------------------|---------------------|---------------|
| End plate                  | gray                       | APF 2,5/M...        | 07.312.2953.0 |
| End plate                  | blue                       | APF 2,5/M... BLAU   | 07.312.2953.6 |
| End plate                  | orange                     | APF 2,5/M... ORANGE | 07.312.2953.9 |
| Wire entry guide           | 0.13 – 0.2 mm <sup>2</sup> | LEL 2,5/1 WEISS     | 05.561.6553.0 |
| Wire entry guide           | 0.25 – 0.5 mm <sup>2</sup> | LEL 2,5/2 GRAU      | 05.561.6653.0 |
| Wire entry guide           | 0.75 – 1.0 mm <sup>2</sup> | LEL 2,5/3 SCHWARZ   | 05.561.6753.0 |
| Cross connector, insulated | 2-pole                     |                     | 05.902.3500.0 |
| Marking strip, unmarked    | (4 x 22 pcs.)              |                     | 04.244.0053.0 |
| marked                     | (1 – 11)                   |                     | 04.844.2053.0 |
| marked                     | (12 – 55)                  |                     | 04.844.2153.0 |
| marked                     | (56 – 99)                  |                     | 04.844.2253.0 |
| Screwdriver, uninsulated   | DIN 5264 B 0,6 x 3,5       |                     | 06.502.4000.0 |



# FASIS BIT – DIN RAIL TERMINALS FOR INSTALLATION DISTRIBUTION BOARDS

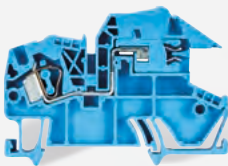
The tension spring connection of the fasis BIT series impresses users with its maintenance-free and vibration-proof connection mechanism.

The top connection from above is especially suitable for tight spaces. The fasis BIT is designed for use in distribution systems and takes into account the standardized dimensions for small distributors and field distributors with covers in accordance with DIN 43871.



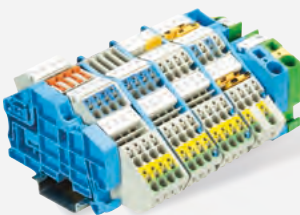
## SPACE-SAVING WIRING

- Clear wiring and assignment of electrical circuits through three-story design in 5 mm assembly width
- Neutral conductor, current throughput, and green conductor connection in just one terminal
- Safety and convenience through switchable N disconnect function



## CONVENIENT SWITCHING AND OPERATION

- Screwless, maintenance-free spring-force device
- Easy conductor feed and operation from above
- Safety and operation convenience even with disconnection of the neutral conductor from the neutral busbar for insulation measurement using slide-gate valve with optical control.



## COMBINABLE IN THE SYSTEM

- Problem-free combination of installation terminals with other Wieland terminal blocks, also with different connection equipment
- For example:
  - Circuit wiring with compact spring-force device fasis BIT
  - Power feed with proven selos screws
- Low storage and logistics expense due to uniform accessories



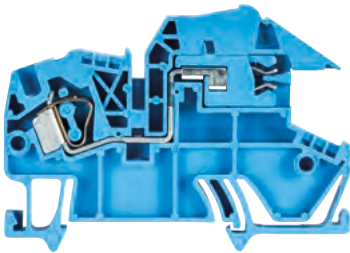
## SIMPLE TESTING

- Function test with modular test adapter
- Integrated test jacks in all blocks

# FASIS BIT · NEUTRAL DISCONNECT BLOCKS FOR INSTALLATION DISTRIBUTION BOARDS WITH TENSION SPRING CONNECTION

## WKF 4 NT

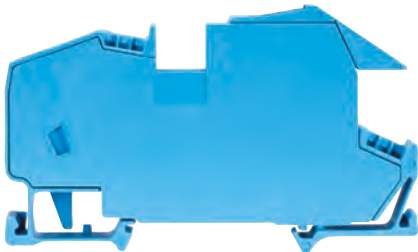
- Neutral disconnect block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>



| Description                           | Type                     | Part No.              | Std. Pack       |
|---------------------------------------|--------------------------|-----------------------|-----------------|
| Neutral disconnect terminal           | blue WKF 4 NT / 35       | 56.704.8153.0         | 100             |
| <b>GENERAL DATA</b>                   |                          |                       |                 |
| Width / length / height, incl. TS 7.5 | 6 mm / 69.5 mm / 51.2 mm |                       |                 |
| Wire strip length                     | 11 mm                    |                       |                 |
| Approvals                             | SE                       |                       |                 |
| <b>TECHNICAL DATA</b>                 |                          | <b>IEC</b>            | <b>CSA</b>      |
|                                       |                          | EN 60 947-7-1         |                 |
| Cross section fine-stranded           | 0.14-4 mm <sup>2</sup>   |                       |                 |
| Cross section solid/stranded          | 0.14-6 mm <sup>2</sup>   |                       |                 |
| Cross-section, AWG                    |                          | 22-10 AWG             |                 |
| Rated current                         | 25 A                     |                       |                 |
| Rated voltage                         | 400 V                    | 600 V                 |                 |
| Rated impulse voltage                 | 6 kV                     |                       |                 |
| Pollution degree                      | 3                        |                       |                 |
| <b>ACCESSORIES</b>                    |                          | <b>Type</b>           | <b>Part No.</b> |
| End plate                             | 2-pole                   | APF 4 NT              | 07.312.5653.0   |
| Jumper bar                            | 3-pole                   | IVBWK 4 - 2           | 27.261.1227.0   |
|                                       | 10-pole                  | IVBWK 4 - 3           | 27.261.1327.0   |
|                                       |                          | IVBWK 4 - 10          | 27.261.2027.0   |
| Busbar                                |                          | 9813 M SN 10X3 1000MM | 98.290.1000.0   |
| Connection clamp for busbar           |                          | WAK16/2 BL/V0         | 30.494.3021.6   |
| Connection clamp for busbar           |                          | WAK35/2 BL/V0         | 30.494.4021.6   |
| Connection clamp for busbar           |                          | WAK35/2               | 30.494.4121.0   |

## WKF 10 NT

- Neutral disconnect block with tension spring connection for mounting on TS 35
- Nominal cross section 10 mm<sup>2</sup>
- Enclosed design



| Description                           | Type                    | Part No.              | Std. Pack       |
|---------------------------------------|-------------------------|-----------------------|-----------------|
| Neutral disconnect terminal           | blue WKF 10 NT/35       | 56.710.8153.0         | 50              |
| <b>GENERAL DATA</b>                   |                         |                       |                 |
| Width / length / height, incl. TS 7.5 | 10 mm / 82 mm / 51.2 mm |                       |                 |
| Wire strip length                     | 13 mm                   |                       |                 |
| Approvals                             |                         |                       |                 |
| <b>TECHNICAL DATA</b>                 |                         | <b>IEC</b>            |                 |
|                                       |                         | EN 60 947-7-1         |                 |
| Cross section fine-stranded           | 2.5-10 mm <sup>2</sup>  |                       |                 |
| Cross section solid/stranded          | 2.5-10 mm <sup>2</sup>  |                       |                 |
| Cross-section, AWG                    |                         |                       |                 |
| Rated current                         | 57 A                    |                       |                 |
| Rated voltage                         | 400 V                   |                       |                 |
| Rated impulse voltage                 | 6 kV                    |                       |                 |
| Pollution degree                      | 3                       |                       |                 |
| <b>ACCESSORIES</b>                    |                         | <b>Type</b>           | <b>Part No.</b> |
| Jumper bar                            | 2-pole                  | IVBWK 10- 2           | 27.283.8227.0   |
| Busbar                                |                         | 9813 M SN 10X3 1000MM | 98.290.1000.0   |
| Connection clamp for busbar           |                         | WAK16/2 BL/V0         | 30.494.3021.6   |
| Connection clamp for busbar           |                         | WAK35/2 BL/V0         | 30.494.4021.6   |
| Connection clamp for busbar           |                         | WAK35/2               | 30.494.4121.0   |

## WKIF 16 NT

- Neutral disconnect block with tension spring connection for mounting on TS 35
- Nominal cross section 16 mm<sup>2</sup>
- Enclosed design



| Description                           | Type                    | Part No.              | Std. Pack       |
|---------------------------------------|-------------------------|-----------------------|-----------------|
| Neutral disconnect terminal           | blue WKIF 16/1 NT/35    | 56.716.8155.0         | 20              |
| <b>GENERAL DATA</b>                   |                         |                       |                 |
| Width / length / height, incl. TS 7.5 | 12 mm / 94 mm / 51.2 mm |                       |                 |
| Wire strip length                     | 15 mm                   |                       |                 |
| Approvals                             | SE                      |                       |                 |
| <b>TECHNICAL DATA</b>                 |                         | <b>IEC</b>            |                 |
|                                       |                         | EN 60 947-7-1         |                 |
| Cross section fine-stranded           | 4-16 mm <sup>2</sup>    |                       |                 |
| Cross section solid/stranded          | 4-16 mm <sup>2</sup>    |                       |                 |
| Cross-section, AWG                    |                         |                       |                 |
| Rated current                         | 76 A                    |                       |                 |
| Rated voltage                         | 400 V                   |                       |                 |
| Rated impulse voltage                 | 6 kV                    |                       |                 |
| Pollution degree                      | 3                       |                       |                 |
| <b>ACCESSORIES</b>                    |                         | <b>Type</b>           | <b>Part No.</b> |
| Jumper bar                            | 2-pole                  | IVBWK 16- 2           | 27.284.4227.0   |
| Busbar                                |                         | 9813 M SN 10X3 1000MM | 98.290.1000.0   |
| Connection clamp for busbar           |                         | WAK16/2 BL/V0         | 30.494.3021.6   |
| Connection clamp for busbar           |                         | WAK35/2 BL/V0         | 30.494.4021.6   |
| Connection clamp for busbar           |                         | WAK35/2               | 30.494.4121.0   |

More accessories page 144 ff.

Technical information see FACTS & DATA page 172 ff.

Subject to technical modifications

# FASIS BIT · FEED-THROUGH BLOCKS FOR INSTALLATION DISTRIBUTION BOARDS WITH TENSION SPRING CONNECTION

## WKF 2.5

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                              | Type            | Part No.          | Std. Pack     |
|------------------------------------------|-----------------|-------------------|---------------|
| Feed-through terminal                    | gray            | WKF 2,5 / 35      | 56.703.0053.0 |
|                                          | blue            | WKF 2,5 / 35 BLAU | 56.703.0053.6 |
| Feed-through terminal block green/yellow | WKF 2,5 SL / 35 | 56.703.9053.0     | 100           |

| GENERAL DATA                          |                            |               |           |
|---------------------------------------|----------------------------|---------------|-----------|
| Width / length / height, incl. TS 7.5 | 5 mm / 5 mm / 42.3 mm      |               |           |
| Wire strip length                     | 11 mm                      |               |           |
| Approvals                             | CAN-Ex                     |               |           |
| TECHNICAL DATA                        | IEC                        | UL            | CSA       |
|                                       | EN 60 947-7-1              |               |           |
| Cross section fine-stranded           | 0.13-2.5 mm <sup>2</sup>   |               |           |
| Cross section solid/stranded          | 0.13-4 mm <sup>2</sup>     |               |           |
| Cross-section, AWG                    |                            | 22-12 AWG     | 24-12 AWG |
| Rated current                         | 24 A                       | 20 A          | 20 A      |
| Rated voltage                         | 800 V                      | 600 V         | 600 V     |
| Rated impulse voltage                 | 8 kV                       |               |           |
| Pollution degree                      | 3                          |               |           |
| ACCESSORIES                           | Type                       | Part No.      | Std. Pack |
| End plate                             | APF 2,5 - 4                | 07.312.2153.0 | 10        |
| Partition                             | TWF 2,5 - 4                | 07.312.2253.0 | 10        |
| Jumper bar                            | 2-pole<br>IVBWKF 2,5 - 2   | Z7.280.6227.0 | 10        |
|                                       | 3-pole<br>IVBWKF 2,5 - 3   | Z7.280.6327.0 | 10        |
|                                       | 10-pole<br>IVBWKF 2,5 - 10 | Z7.280.7027.0 | 20        |

## WKF 4

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>

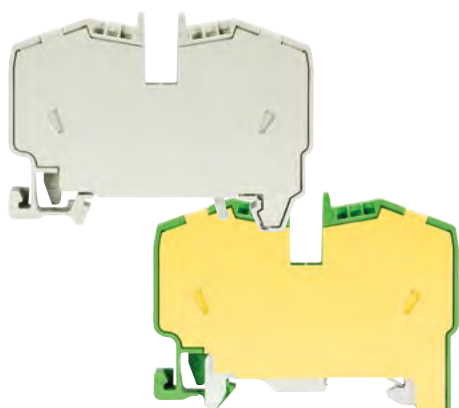


| Description                              | Type             | Part No.        | Std. Pack     |
|------------------------------------------|------------------|-----------------|---------------|
| Feed-through terminal                    | gray             | WKF 4 / 35      | 56.704.0053.0 |
|                                          | blue             | WKF 4 / 35 BLAU | 56.704.0053.6 |
| Feed-through terminal block green/yellow | WKF 4 SL / 35/V0 | 56.704.9053.0   | 100           |

| GENERAL DATA                          |                                                                                              |               |           |
|---------------------------------------|----------------------------------------------------------------------------------------------|---------------|-----------|
| Width / length / height, incl. TS 7.5 | 6 mm / 57 mm / 42.3 mm                                                                       |               |           |
| Wire strip length                     | 11 mm                                                                                        |               |           |
| Approvals                             | CAN-Ex  |               |           |
| TECHNICAL DATA                        | IEC                                                                                          | UL            | CSA       |
|                                       | EN 60 947-7-1                                                                                |               |           |
| Cross section fine-stranded           | 0.13-4 mm <sup>2</sup>                                                                       |               |           |
| Cross section solid/stranded          | 0.13 - 6 mm <sup>2</sup>                                                                     |               |           |
| Cross-section, AWG                    |                                                                                              | 22-10 AWG     | 22-10 AWG |
| Rated current                         | 32 A                                                                                         | 20 A          | 20 A      |
| Rated voltage                         | 800 V                                                                                        | 600 V         | 600 V     |
| Rated impulse voltage                 | 8 kV                                                                                         |               |           |
| Pollution degree                      | 3                                                                                            |               |           |
| ACCESSORIES                           | Type                                                                                         | Part No.      | Std. Pack |
| End plate                             | APF 2,5 - 4                                                                                  | 07.312.2153.0 | 10        |
| Partition                             | TWF 2,5 - 4                                                                                  | 07.312.2253.0 | 10        |
| Jumper bar                            | 2-pole<br>IVBWKF 4 - 2                                                                       | Z7.261.1227.0 | 10        |
|                                       | 3-pole<br>IVBWKF 4 - 3                                                                       | Z7.261.1327.0 | 10        |
|                                       | 10-pole<br>IVBWKF 4 - 10                                                                     | Z7.261.2027.0 | 20        |

## WKF 6

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 6 mm<sup>2</sup>
- Enclosed design



| Description                              | Type       | Part No.      | Std. Pack     |
|------------------------------------------|------------|---------------|---------------|
| Feed-through terminal                    | gray       | WKF 6/35      | 56.706.0053.0 |
|                                          | blue       | WKF 6/35 BLAU | 56.706.0053.6 |
| Feed-through terminal block green/yellow | WKF 6SL/35 | 56.706.9053.0 | 100           |

| GENERAL DATA                          |                         |               |           |
|---------------------------------------|-------------------------|---------------|-----------|
| Width / length / height, incl. TS 7.5 | 8 mm / 61 mm / 45.1 mm  |               |           |
| Wire strip length                     | 12 mm                   |               |           |
| Approvals                             | CAN-Ex                  |               |           |
| TECHNICAL DATA                        |                         |               |           |
|                                       | IEC                     | UL            | CSA       |
|                                       | EN 60 947-7-1           |               |           |
| Cross section fine-stranded           | 0.5 - 6 mm <sup>2</sup> |               |           |
| Cross section solid/stranded          | 0.5 - 6 mm <sup>2</sup> |               |           |
| Cross-section, AWG                    |                         | 20-10 AWG     | 20-10 AWG |
| Rated current                         | 41 A                    | 40 A          | 40 A      |
| Rated voltage                         | 800 V                   | 600 V         | 600 V     |
| Rated impulse voltage                 | 8 kV                    |               |           |
| Pollution degree                      | 3                       |               |           |
| ACCESSORIES                           |                         |               |           |
|                                       | Type                    | Part No.      | Std. Pack |
| Jumper bar                            | 2-pole<br>IVBWK 6- 2    | Z7.282.4227.0 | 10        |

More accessories page 130 ff.

## WKF 10

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 10 mm<sup>2</sup>
- Enclosed design



| Description                              | Type                | Part No.      | Std. Pack |
|------------------------------------------|---------------------|---------------|-----------|
| Feed-through terminal                    | gray WKF 10/35      | 56.710.0053.0 | 50        |
|                                          | blue WKF 10/35 BLAU | 56.710.0053.6 | 50        |
| Feed-through terminal block green/yellow | WKF 10SL/35         | 56.710.9053.0 | 50        |

### GENERAL DATA

|                                       |                         |
|---------------------------------------|-------------------------|
| Width / length / height, incl. TS 7.5 | 10 mm / 70 mm / 47.5 mm |
| Wire strip length                     | 13 mm                   |
| Approvals                             | ☞ CAN-Ex                |

| TECHNICAL DATA               | IEC                    | UL       | CSA      |
|------------------------------|------------------------|----------|----------|
|                              | EN 60 947-7-1          |          |          |
| Cross section fine-stranded  | 2.5-10 mm <sup>2</sup> |          |          |
| Cross section solid/stranded | 2.5-10 mm <sup>2</sup> |          |          |
| Cross-section, AWG           |                        | 14-8 AWG | 14-8 AWG |
| Rated current                | 57 A                   | 55 A     | 55 A     |
| Rated voltage                | 800 V                  | 600 V    | 600 V    |
| Rated impulse voltage        | 8 kV                   |          |          |
| Pollution degree             | 3                      |          |          |

| ACCESSORIES | Type               | Part No.      | Std. Pack |
|-------------|--------------------|---------------|-----------|
| Jumper bar  | 2-pole IVBWK 10- 2 | Z7.283.8227.0 | 10        |

## WKIF 16

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 16 mm<sup>2</sup>
- Enclosed design



| Description                              | Type                    | Part No.      | Std. Pack |
|------------------------------------------|-------------------------|---------------|-----------|
| Feed-through terminal                    | gray WKIF 16/1 /35      | 56.716.1155.0 | 20        |
|                                          | blue WKIF 16/1 /35 BLAU | 56.716.1155.6 | 20        |
| Feed-through terminal block green/yellow | WKIF 16/1 SL/35         | 56.716.9155.0 | 20        |

### GENERAL DATA

|                                       |                         |
|---------------------------------------|-------------------------|
| Width / length / height, incl. TS 7.5 | 12 mm / 94 mm / 47.7 mm |
| Wire strip length                     | 16 mm                   |
| Approvals                             | ☞                       |

| TECHNICAL DATA               | IEC                  |
|------------------------------|----------------------|
|                              | EN 60 947-7-1        |
| Cross section fine-stranded  | 4-16 mm <sup>2</sup> |
| Cross section solid/stranded | 4-16 mm <sup>2</sup> |
| Cross-section, AWG           |                      |
| Rated current                | 76 A                 |
| Rated voltage                | 800 V                |
| Rated impulse voltage        | 8 kV                 |
| Pollution degree             | 3                    |

| ACCESSORIES | Type               | Part No.      | Std. Pack |
|-------------|--------------------|---------------|-----------|
| Jumper bar  | 2-pole IVBWK 16- 2 | Z7.284.4227.0 | 10        |

## WKF 16

- Feed-through block with tension spring connection for mounting on TS 35
- Nominal cross section 16 mm<sup>2</sup>
- Enclosed design



| Description                              | Type                | Part No.      | Std. Pack |
|------------------------------------------|---------------------|---------------|-----------|
| Feed-through terminal                    | gray WKF 16/35      | 56.716.0053.0 | 50        |
|                                          | blue WKF 16/35 BLAU | 56.716.0053.6 | 50        |
| Feed-through terminal block green/yellow | WKF 16SL/35         | 56.716.9053.0 | 50        |

### GENERAL DATA

|                                       |                         |
|---------------------------------------|-------------------------|
| Width / length / height, incl. TS 7.5 | 12 mm / 82 mm / 47.7 mm |
| Wire strip length                     | 15 mm                   |
| Approvals                             | ☞ CAN-Ex                |

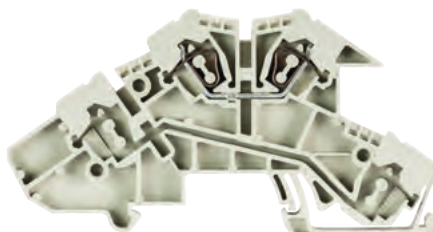
| TECHNICAL DATA               | IEC                  | UL       | CSA      |
|------------------------------|----------------------|----------|----------|
|                              | EN 60 947-7-1        |          |          |
| Cross section fine-stranded  | 4-16 mm <sup>2</sup> |          |          |
| Cross section solid/stranded | 4-16 mm <sup>2</sup> |          |          |
| Cross-section, AWG           |                      | 24-4 AWG | 12-4 AWG |
| Rated current                | 76 A                 | 75 A     | 75 A     |
| Rated voltage                | 800 V                | 600 V    | 600 V    |
| Rated impulse voltage        | 8 kV                 |          |          |
| Pollution degree             | 3                    |          |          |

| ACCESSORIES | Type               | Part No.      | Std. Pack |
|-------------|--------------------|---------------|-----------|
| Jumper bar  | 2-pole IVBWK 16- 2 | Z7.284.4227.0 | 10        |

# FASIS BIT · MULTI-TIER TERMINALS FOR INSTALLATION DISTRIBUTION BOARDS WITH TENSION SPRING CONNECTION

## WKIF 2.5 D

- Installation multi-tier terminal with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                       | Type       | Part No.      | Std. Pack |
|-----------------------------------|------------|---------------|-----------|
| Installation rail terminal blocks | WKIF 2,5 D | 56.703.9653.0 | 50        |

### GENERAL DATA

|                                       |                        |
|---------------------------------------|------------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 95 mm / 51.2 mm |
| Wire strip length                     | 11 mm                  |
| Approvals                             | CE, VDE                |

| TECHNICAL DATA               | IEC                      | UL        | CSA       |
|------------------------------|--------------------------|-----------|-----------|
|                              | EN 60 947-7-1            |           |           |
| Cross section fine-stranded  | 0.14-2.5 mm <sup>2</sup> |           |           |
| Cross section solid/stranded | 0.14-4 mm <sup>2</sup>   |           |           |
| Cross-section, AWG           |                          | 22-12 AWG | 22-14 AWG |
| Rated current                | 24 A                     | 20 A      | 20 A      |
| Rated voltage                | 400 V                    |           | 300 V     |
| Rated impulse voltage        | 6 kV                     |           |           |
| Pollution degree             | 3                        |           |           |

| ACCESSORIES | Type                   | Part No.      | Std. Pack |
|-------------|------------------------|---------------|-----------|
| End plate   | APIF 2,5               | 07.311.8353.0 | 10        |
| Jumper bar  | 2-pole IVBWK 2,5 - 2   | Z7.280.6227.0 | 10        |
|             | 3-pole IVBWK 2,5 - 3   | Z7.280.6327.0 | 10        |
|             | 4-pole IVBWK 2,5 - 4   | Z7.280.6427.0 | 10        |
|             | 5-pole IVBWK 2,5 - 5   | Z7.280.6527.0 | 10        |
|             | 10-pole IVBWK 2,5 - 10 | Z7.280.7027.0 | 20        |
| Busbar      | 9813 M SN 10X3 1000MM  | 98.290.1000.0 | 1         |

## WKIF 2.5 D-D

## WKIF 2,5 N-D

- Installation multi-tier terminal with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                       | Type         | Part No.      | Std. Pack |
|-----------------------------------|--------------|---------------|-----------|
| Installation rail terminal blocks | WKIF 2,5 D-D | 56.703.9753.0 | 50        |
|                                   | WKIF 2,5 N-D | 56.703.9953.0 | 50        |

### GENERAL DATA

|                                       |                        |
|---------------------------------------|------------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 95 mm / 51.2 mm |
| Wire strip length                     | 11 mm                  |
| Approvals                             | CE, VDE                |

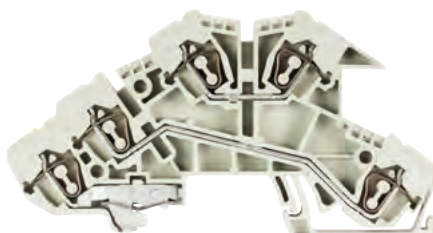
| TECHNICAL DATA               | IEC                      | UL        | CSA       |
|------------------------------|--------------------------|-----------|-----------|
|                              | EN 60 947-7-1            |           |           |
| Cross section fine-stranded  | 0.14-2.5 mm <sup>2</sup> |           |           |
| Cross section solid/stranded | 0.14-4 mm <sup>2</sup>   |           |           |
| Cross-section, AWG           |                          | 22-12 AWG | 22-14 AWG |
| Rated current                | 24 A                     | 20 A      | 20 A      |
| Rated voltage                | 400 V                    |           | 300 V     |
| Rated impulse voltage        | 4 kV                     |           |           |
| Pollution degree             | 3                        |           |           |

| ACCESSORIES | Type                   | Part No.      | Std. Pack |
|-------------|------------------------|---------------|-----------|
| End plate   | APIF 2,5               | 07.311.8353.0 | 10        |
| Jumper bar  | 2-pole IVBWK 2,5 - 2   | Z7.280.6227.0 | 10        |
|             | 3-pole IVBWK 2,5 - 3   | Z7.280.6327.0 | 10        |
|             | 10-pole IVBWK 2,5 - 10 | Z7.280.7027.0 | 20        |
| Busbar      | 9813 M SN 10X3 1000MM  | 98.290.1000.0 | 1         |

## WKIF 2.5 D-D-SL

## WKIF 2.5 N-D-SL

- Installation multi-tier terminal with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                       | Type            | Part No.      | Std. Pack |
|-----------------------------------|-----------------|---------------|-----------|
| Installation rail terminal blocks | WKIF 2,5 D-D-SL | 56.703.9853.0 | 50        |
|                                   | WKIF 2,5 N-D-SL | 56.703.9453.0 | 50        |

### GENERAL DATA

|                                       |                        |
|---------------------------------------|------------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 95 mm / 51.2 mm |
| Wire strip length                     | 11 mm                  |
| Approvals                             | CE, VDE                |

| TECHNICAL DATA               | IEC                      | UL        | CSA       |
|------------------------------|--------------------------|-----------|-----------|
|                              | EN 60 947-7-1            |           |           |
| Cross section fine-stranded  | 0.14-2.5 mm <sup>2</sup> |           |           |
| Cross section solid/stranded | 0.14-4 mm <sup>2</sup>   |           |           |
| Cross-section, AWG           |                          | 22-12 AWG | 22-14 AWG |
| Rated current                | 24 A                     | 20 A      | 20 A      |
| Rated voltage                | 400 V                    |           | 300 V     |
| Rated impulse voltage        | 4 kV                     |           |           |
| Pollution degree             | 3                        |           |           |

| ACCESSORIES | Type                   | Part No.      | Std. Pack |
|-------------|------------------------|---------------|-----------|
| End plate   | APIF 2,5               | 07.311.8353.0 | 10        |
| Jumper bar  | 2-pole IVBWK 2,5 - 2   | Z7.280.6227.0 | 10        |
|             | 3-pole IVBWK 2,5 - 3   | Z7.280.6327.0 | 10        |
|             | 10-pole IVBWK 2,5 - 10 | Z7.280.7027.0 | 20        |
| Busbar      | 9813 M SN 10X3 1000MM  | 98.290.1000.0 | 1         |



## WKIF 2.5 NT-D-SL

- Installation multi-tier terminal with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                       | Type             | Part No.      | Std. Pack |
|-----------------------------------|------------------|---------------|-----------|
| Installation rail terminal blocks | WKIF 2,5 NT-D-SL | 56.703.9553.0 | 50        |

### GENERAL DATA

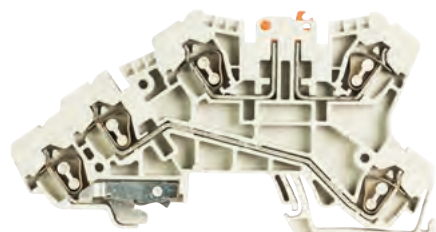
|                                       |                                                                                   |
|---------------------------------------|-----------------------------------------------------------------------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 95 mm / 51.2 mm                                                            |
| Wire strip length                     | 11 mm                                                                             |
| Approvals                             |  |

| TECHNICAL DATA               | IEC                      | UL        | CSA       |
|------------------------------|--------------------------|-----------|-----------|
|                              | EN 60 947-7-1            |           |           |
| Cross section fine-stranded  | 0.14-2.5 mm <sup>2</sup> |           |           |
| Cross section solid/stranded | 0.14-4 mm <sup>2</sup>   |           |           |
| Cross-section, AWG           |                          | 22-12 AWG | 22-14 AWG |
| Rated current                | 20 A                     | 20 A      | 20 A      |
| Rated voltage                | 400 V                    |           | 300 V     |
| Rated impulse voltage        | 6 kV                     |           |           |
| Pollution degree             | 3                        |           |           |

| ACCESSORIES | Type                   | Part No.      | Std. Pack |
|-------------|------------------------|---------------|-----------|
| End plate   | APIF 2,5               | 07.311.8353.0 | 10        |
| Jumper bar  | 2-pole IVBWK 2,5 - 2   | Z7.280.6227.0 | 10        |
|             | 3-pole IVBWK 2,5 - 3   | Z7.280.6327.0 | 10        |
|             | 4-pole IVBWK 2,5 - 4   | Z7.280.6427.0 | 10        |
|             | 5-pole IVBWK 2,5 - 5   | Z7.280.6527.0 | 10        |
|             | 10-pole IVBWK 2,5 - 10 | Z7.280.7027.0 | 20        |
| Busbar      | 9813 M SN 10X3 1000MM  | 98.290.1000.0 | 1         |

## WKIF 2.5 NTM-D-SL

- Installation multi-tier terminal with tension spring connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                                                    | Type              | Part No.      | Std. Pack |
|----------------------------------------------------------------|-------------------|---------------|-----------|
| Installation terminal with cutting knife                       | WKIF 2,5 NTM-D-SL | 56.703.8653.0 | 50        |
| Installation terminal, same construction without cutting knife | WKIF 2,5 NTM-D-SL | on request    | 50        |

### GENERAL DATA

|                                       |                        |
|---------------------------------------|------------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 95 mm / 51.2 mm |
| Wire strip length                     | 11 mm                  |
| Approvals                             |                        |

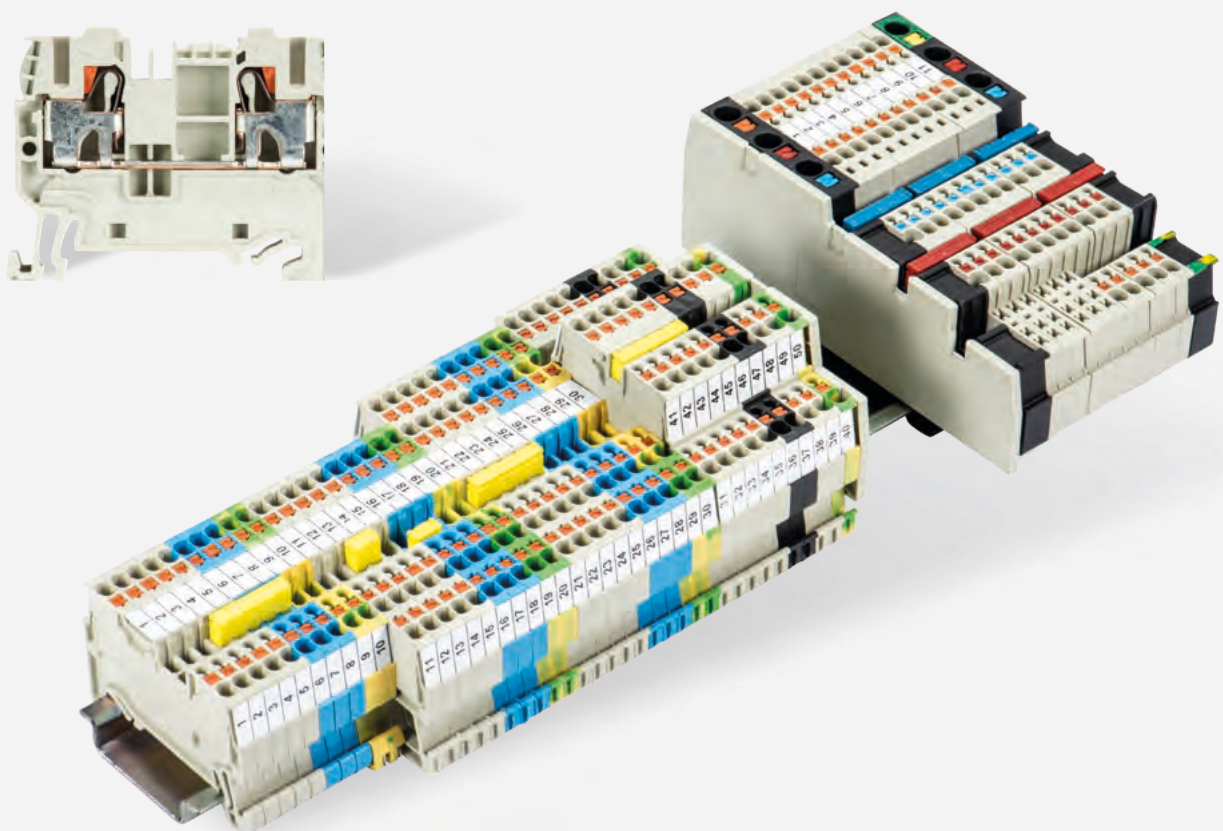
| TECHNICAL DATA               | IEC                      |
|------------------------------|--------------------------|
|                              | EN 60 947-7-1            |
| Cross section fine-stranded  | 0.14-2.5 mm <sup>2</sup> |
| Cross section solid/stranded | 0.14-4 mm <sup>2</sup>   |
| Cross-section, AWG           |                          |
| Rated current                | 16 A                     |
| Rated voltage                | 400 V                    |
| Rated impulse voltage        | 6 kV                     |
| Pollution degree             | 3                        |

| ACCESSORIES | Type                   | Part No.      | Std. Pack |
|-------------|------------------------|---------------|-----------|
| End plate   | APIF 2,5 TM            | 07.312.8053.0 | 10        |
| Jumper bar  | 2-pole IVBWK 2,5 - 2   | Z7.280.6227.0 | 10        |
|             | 3-pole IVBWK 2,5 - 3   | Z7.280.6327.0 | 10        |
|             | 4-pole IVBWK 2,5 - 4   | Z7.280.6427.0 | 10        |
|             | 5-pole IVBWK 2,5 - 5   | Z7.280.6527.0 | 10        |
|             | 10-pole IVBWK 2,5 - 10 | Z7.280.7027.0 | 20        |

# FASIS WTP – DIN RAIL TERMINAL BLOCKS WITH **PUSH-IN CONNECTION**

Terminate wires easily, directly and without tools! fasisWTP – DIN rail terminal blocks with push-in connection. Built according to an effective and comprehensive concept, including compact design and high-performance contact technology, fasisWTP reduces installation time and keeps inventory costs to a minimum.

fasisWTP has been designed for use in machinery and plant engineering, as well as power distribution for buildings.



- + Includes feed-through and ground blocks with 2, 3 or 4 termination points
- + Multi-tier terminals
- + Solutions for initiators and actuators



## PERFORMANCE FEATURES

- + Connection cross-section: up to 10 mm<sup>2</sup>
- + Rated current: up to 57 A
- + Rated voltage: up to 1000 V

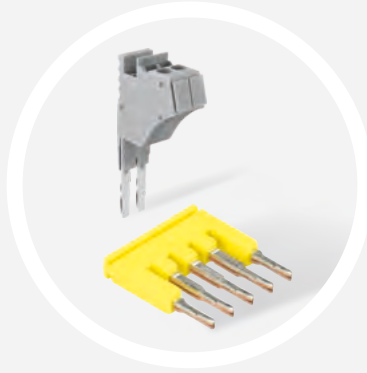


# FASIS WTP – TERMINALS WITH PUSH-IN CONNECTION **SAVE TIME + MONEY**



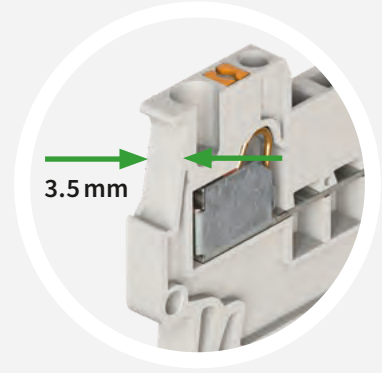
## Simply plug in wires

- Connect quickly without any tools
- With smart push-in connection
- Connect wires directly



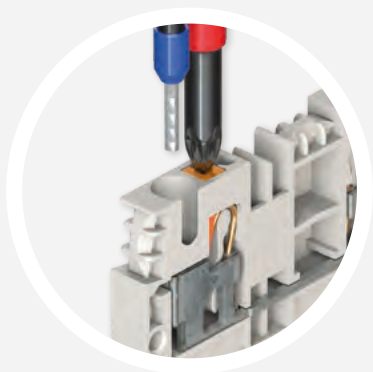
## Completing the Concept

- Dual jumpering channel
- Plug-in jumper bars
- Plug-in test adapter



## Space-saving

- High packing density
- Assembly width only 3.5 mm



## Safe handling

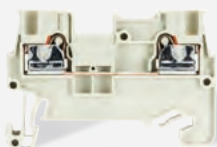
- With integrated release lever
- No mix-up of wire entry and screwdriver entry points
- No contact with live parts
- Use of Phillips screwdriver also possible

## FEATURES

- + Connect your control cabinet quickly without losing time
- + Save space in the control cabinet
- + Reduce your logistics overhead



# FASIS WTP TERMINALS OVERVIEW



## FASIS WTP 1.5 FOR SIGNAL WIRING

### Feed-through and PE terminal blocks

- Efficient use of space in control cabinet

### Multi-tier terminals

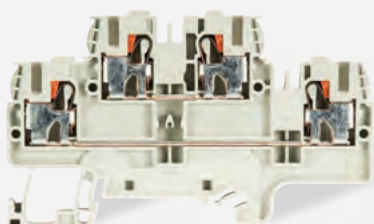
- Only 1.75 mm / signal pass!



## FASIS WTP 1.5 FOR INITIATOR / ACTUATOR WIRING

### Connection solutions for 3-wire and 4-wire sensors and actuators

- Powerful feeder terminal
- Various applications (control cabinet, distributors)
- Efficient use of space in control cabinet

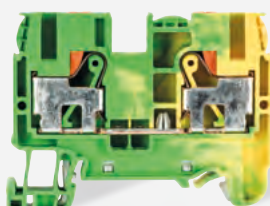


## FASIS WTP 2.5/4 FOR UNIVERSAL APPLICATIONS

### Feed-through and PE terminal blocks

### Multi-tier terminals

- Cost-saving for warehousing & logistics
- 2.5 and 4 mm<sup>2</sup> in a terminal with assembly width of only 5 mm
- Uniform and universal accessories



## FASIS WTP 6/10 FOR ENERGY DISTRIBUTION

### Feed-through and PE terminal blocks

### Multi-conductor terminals

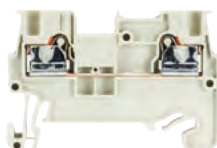
- Powerful – up to 10 mm<sup>2</sup> and 57 A
- Assembly width of only 8 mm



# FASIS WTP · FEED-THROUGH TERMINALS WITH PUSH-IN CONNECTION

## WTP 1,5

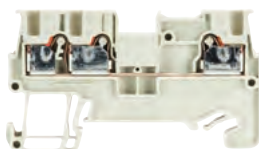
- Feed-through terminal with push-in connection for mounting on mounting rail (MR) 35
- Nominal cross-section 1.5 mm<sup>2</sup>
- Assembly width of 3.5 mm



| Description                           | Type                       | Part No.      | Std. Pack |
|---------------------------------------|----------------------------|---------------|-----------|
| Feed-through terminal                 | gray WTP 1,5               | 56.202.0055.0 | 100       |
| Feed-through terminal                 | blue WTP 1,5 BLAU          | 56.202.0055.6 | 100       |
| GENERAL DATA                          |                            |               |           |
| Width / length / height, incl. MR 7.5 | 3.5 mm / 46 mm / 32 mm     |               |           |
| Wire strip length                     | 8 mm                       |               |           |
| Certificates / Approvals              |                            |               |           |
| TECHNICAL DATA                        | IEC                        | UL            | CSA       |
|                                       | EN 60 947-7-1              |               |           |
| Cross-section fine-stranded           | 0.14 - 1.5 mm <sup>2</sup> |               |           |
| Cross-section solid/stranded          | 0.14 - 2.5 mm <sup>2</sup> |               |           |
| Cross-section, AWG                    |                            | 26-14         | 26-14     |
| Rated current                         | 17.5 A                     | 15 A          | 15 A      |
| Rated voltage                         | 500 V                      | 300 V         | 300 V     |
| Rated impulse voltage                 | 6 kV                       |               |           |
| Pollution degree                      | 3                          |               |           |
| ACCESSORIES                           | Type                       | Part No.      | Std. Pack |
| End plate                             | AP WTP 1,5                 | 07.313.4455.0 | 10        |
| Partition                             | TW WTP 1.5                 | 07.313.4955.0 | 10        |

## WTP 1,5 D1/2

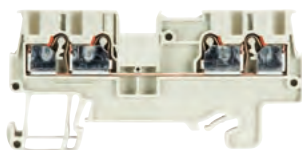
- Duo feed-through terminal with push-in connection for mounting on MR 35
- Nominal cross-section 1.5 mm<sup>2</sup>
- Assembly width of 3.5 mm



| Description                           | Type                       | Part No.      | Std. Pack |
|---------------------------------------|----------------------------|---------------|-----------|
| Feed-through terminal                 | gray WTP 1,5 D1/2          | 56.202.5055.0 | 100       |
| Feed-through terminal                 | blue WTP 1,5 D1/2 BLAU     | 56.202.5055.6 | 100       |
| GENERAL DATA                          |                            |               |           |
| Width / length / height, incl. MR 7.5 | 3.5 mm / 55 mm / 32 mm     |               |           |
| Wire strip length                     | 8 mm                       |               |           |
| Certificates / Approvals              |                            |               |           |
| TECHNICAL DATA                        | IEC                        | UL            | CSA       |
|                                       | EN 60 947-7-1              |               |           |
| Cross-section fine-stranded           | 0.14 - 1.5 mm <sup>2</sup> |               |           |
| Cross-section solid/stranded          | 0.14 - 2.5 mm <sup>2</sup> |               |           |
| Cross-section, AWG                    |                            | 26-14         | 26-14     |
| Rated current                         | 17.5 A                     | 15 A          | 15 A      |
| Rated voltage                         | 500 V                      | 300 V         | 300 V     |
| Rated impulse voltage                 | 6 kV                       |               |           |
| Pollution degree                      | 3                          |               |           |
| ACCESSORIES                           | Type                       | Part No.      | Std. Pack |
| End plate                             | AP WTP 1,5 D1/2            | 07.313.4555.0 | 10        |
| Partition                             | TW WTP 1,5 D/E             | 07.313.5555.0 | 10        |

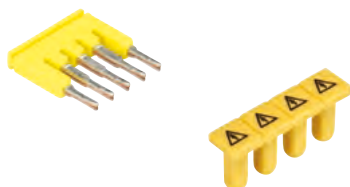
## WTP 1,5 D2/2

- Duo feed-through terminal with push-in connection for mounting on MR 35
- Nominal cross-section 1.5 mm<sup>2</sup>
- Assembly width of 3.5 mm



| Description                           | Type                       | Part No.      | Std. Pack |
|---------------------------------------|----------------------------|---------------|-----------|
| Feed-through terminal                 | gray WTP 1,5 D2/2          | 56.202.5155.0 | 100       |
| Feed-through terminal                 | blue WTP 1,5 D2/2 BLAU     | 56.202.5155.6 | 100       |
| GENERAL DATA                          |                            |               |           |
| Width / length / height, incl. MR 7.5 | 3.5 mm / 64 mm / 32 mm     |               |           |
| Wire strip length                     | 8 mm                       |               |           |
| Certificates / Approvals              |                            |               |           |
| TECHNICAL DATA                        | IEC                        | UL            | CSA       |
|                                       | EN 60 947-7-1              |               |           |
| Cross-section fine-stranded           | 0.14 - 1.5 mm <sup>2</sup> |               |           |
| Cross-section solid/stranded          | 0.14 - 2.5 mm <sup>2</sup> |               |           |
| Cross-section, AWG                    |                            | 26-14         | 26-14     |
| Rated current                         | 17.5 A                     | 15 A          | 15 A      |
| Rated voltage                         | 500 V                      | 300 V         | 300 V     |
| Rated impulse voltage                 | 6 kV                       |               |           |
| Pollution degree                      | 3                          |               |           |
| ACCESSORIES                           | Type                       | Part No.      | Std. Pack |
| End plate                             | AP WTP 1,5 D2/2            | 07.313.4655.0 | 10        |
| Partition                             | TW WTP 1.5 D/E             | 07.313.5555.0 | 10        |

## ACCESSORIES FOR FASIS WTP 1.5



| ACCESSORIES                     | Type                 | Part No.       | Std. Pack     |
|---------------------------------|----------------------|----------------|---------------|
| Jumper bar                      | 2-pole               | IVB WTP 1,5-2  | Z7.284.7027.0 |
|                                 | 3-pole               | IVB WTP 1,5-3  | Z7.284.7127.0 |
|                                 | 4-pole               | IVB WTP 1,5-4  | Z7.284.7227.0 |
|                                 | 5-pole               | IVB WTP 1,5-5  | Z7.284.7327.0 |
|                                 | 10-pole              | IVB WTP 1,5-10 | Z7.284.7427.0 |
| Warning cover                   | AD WTP 1,5           | 04.344.2655.0  | 10            |
| Screwdriver                     | DIN 5264 B 0,4 X 2,5 | 06.502.4300.0  | 5             |
| Marking accessories, see P. 140 |                      |                |               |

More accessories page 130 ff.

# FASIS WTP · GROUND TERMINALS WITH PUSH-IN CONNECTION

## WTP 1,5 PE

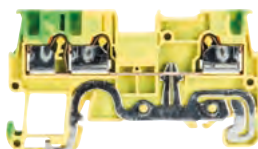
- Ground terminal with push-in connection for mounting on MR 35
- Nominal cross-section 1.5 mm<sup>2</sup>
- Assembly width of 3.5 mm



| Description                           | Type                       | Part No.        | Std. Pack        |
|---------------------------------------|----------------------------|-----------------|------------------|
| Ground terminal                       | green/yellow WTP 1,5 PE    | 56.202.9055.0   | 100              |
| <b>GENERAL DATA</b>                   |                            |                 |                  |
| Width / length / height, incl. MR 7.5 | 3.5 mm / 46 mm / 32 mm     |                 |                  |
| Wire strip length                     | 8 mm                       |                 |                  |
| Certificates / Approvals              |                            |                 |                  |
| <b>TECHNICAL DATA</b>                 | <b>IEC</b>                 | <b>UL</b>       | <b>CSA</b>       |
|                                       | EN 60 947-7-2              |                 |                  |
| Cross-section fine-stranded           | 0.14 – 1.5 mm <sup>2</sup> |                 |                  |
| Cross-section solid/stranded          | 0.14 – 2.5 mm <sup>2</sup> |                 |                  |
| Cross-section, AWG                    |                            | 26–14           | 26–14            |
| Rated voltage                         | 500 V                      | 300 V           | 300 V            |
| Rated impulse voltage                 | 6 kV                       |                 |                  |
| Pollution degree                      | 3                          |                 |                  |
| <b>ACCESSORIES</b>                    | <b>Type</b>                | <b>Part No.</b> | <b>Std. Pack</b> |
| End plate                             | gray AP WTP 1,5            | 07.313.4455.0   | 10               |
| Partition                             | gray TW WTP 1,5            | 07.313.4955.0   | 10               |

## WTP 1,5 D1/2 PE

- Duo ground terminal with push-in connection for mounting on MR 35
- Nominal cross-section 1.5 mm<sup>2</sup>
- Assembly width of 3.5 mm



| Description                           | Type                         | Part No.        | Std. Pack        |
|---------------------------------------|------------------------------|-----------------|------------------|
| Ground terminal                       | green/yellow WTP 1,5 D1/2 PE | 56.202.9355.0   | 100              |
| <b>GENERAL DATA</b>                   |                              |                 |                  |
| Width / length / height, incl. MR 7.5 | 3.5 mm / 55 mm / 32 mm       |                 |                  |
| Wire strip length                     | 8 mm                         |                 |                  |
| Certificates / Approvals              |                              |                 |                  |
| <b>TECHNICAL DATA</b>                 | <b>IEC</b>                   | <b>UL</b>       | <b>CSA</b>       |
|                                       | EN 60 947-7-2                |                 |                  |
| Cross-section fine-stranded           | 0.14 – 1.5 mm <sup>2</sup>   |                 |                  |
| Cross-section solid/stranded          | 0.14 – 2.5 mm <sup>2</sup>   |                 |                  |
| Cross-section, AWG                    |                              | 26–14           | 26–14            |
| Rated voltage                         | 500 V                        | 300 V           | 300 V            |
| Rated impulse voltage                 | 6 kV                         |                 |                  |
| Pollution degree                      | 3                            |                 |                  |
| <b>ACCESSORIES</b>                    | <b>Type</b>                  | <b>Part No.</b> | <b>Std. Pack</b> |
| End plate                             | AP WTP 1,5 D1/2              | 07.313.4555.0   | 10               |
| Partition                             | TW WTP 1,5 D/E               | 07.313.5555.0   | 10               |

## WTP 1,5 D2/2 PE

- Duo ground terminal with push-in connection for mounting on MR 35
- Nominal cross-section 1.5 mm<sup>2</sup>
- Assembly width of 3.5 mm



| Description                           | Type                         | Part No.        | Std. Pack        |
|---------------------------------------|------------------------------|-----------------|------------------|
| Ground terminal                       | green/yellow WTP 1,5 D2/2 PE | 56.202.9155.0   | 100              |
| <b>GENERAL DATA</b>                   |                              |                 |                  |
| Width / length / height, incl. MR 7.5 | 3.5 mm / 64 mm / 32 mm       |                 |                  |
| Wire strip length                     | 8 mm                         |                 |                  |
| Certificates / Approvals              |                              |                 |                  |
| <b>TECHNICAL DATA</b>                 | <b>IEC</b>                   | <b>UL</b>       | <b>CSA</b>       |
|                                       | EN 60 947-7-2                |                 |                  |
| Cross-section fine-stranded           | 0.14 – 1.5 mm <sup>2</sup>   |                 |                  |
| Cross-section solid/stranded          | 0.14 – 2.5 mm <sup>2</sup>   |                 |                  |
| Cross-section, AWG                    |                              | 26–14           | 26–14            |
| Rated voltage                         | 500 V                        | 300 V           | 300 V            |
| Rated impulse voltage                 | 6 kV                         |                 |                  |
| Pollution degree                      | 3                            |                 |                  |
| <b>ACCESSORIES</b>                    | <b>Type</b>                  | <b>Part No.</b> | <b>Std. Pack</b> |
| End plate                             | AP WTP 1,5 D2/2              | 07.313.4655.0   | 10               |
| Partition                             | TW WTP 1,5 D/E               | 07.313.5555.0   | 10               |

## ACCESSORIES FOR FASIS WTP 1.5... PE

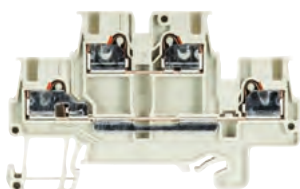


| ACCESSORIES                     | Type                 | Part No.      | Std. Pack |
|---------------------------------|----------------------|---------------|-----------|
| Warning cover                   | AD WTP 1,5           | 04.344.2655.0 | 10        |
| Screwdriver                     | DIN 5264 B 0,4 X 2,5 | 06.502.4300.0 | 5         |
| Marking accessories, see P. 140 |                      |               |           |

# FASIS WTP · MULTI-TIER TERMINALS WITH PUSH-IN CONNECTION

## WTP 1,5 E

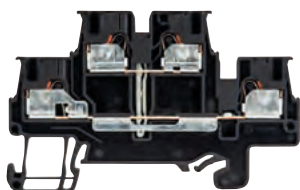
- Multi-tier terminal with push-in connection for mounting on MR 35
- Nominal cross-section 1.5 mm<sup>2</sup>
- Assembly width of 3.5 mm



| Description                           | Type                       | Part No.        | Std. Pack        |
|---------------------------------------|----------------------------|-----------------|------------------|
| Multi-tier terminal                   | gray WTP 1,5 E             | 56.202.7055.0   | 100              |
| <b>GENERAL DATA</b>                   |                            |                 |                  |
| Width / length / height, incl. MR 7.5 | 3.5 mm / 67 mm / 42 mm     |                 |                  |
| Wire strip length                     | 8 mm                       |                 |                  |
| Certificates / Approvals              |                            |                 |                  |
| <b>TECHNICAL DATA</b>                 | <b>IEC</b>                 | <b>UL</b>       | <b>CSA</b>       |
|                                       | EN 60 947-7-1              |                 |                  |
| Cross-section fine-stranded           | 0.14 – 1.5 mm <sup>2</sup> |                 |                  |
| Cross-section solid/stranded          | 0.14 – 2.5 mm <sup>2</sup> |                 |                  |
| Cross-section, AWG                    |                            | 26–14           | 26–14            |
| Rated current                         | 15 A                       | 15 A            | 15 A             |
| Rated voltage                         | 500 V                      | 300 V           | 300 V            |
| Rated impulse voltage                 | 6 kV                       |                 |                  |
| Pollution degree                      | 3                          |                 |                  |
| <b>ACCESSORIES</b>                    | <b>Type</b>                | <b>Part No.</b> | <b>Std. Pack</b> |
| End plate                             | AP WTP 1,5 E               | 07.313.4755.0   | 10               |
| Partition                             | TW WTP 1,5 D/E             | 07.313.5555.0   | 10               |
| Jumper bar                            | 2-pole IVB WTP 1,5-2       | Z7.284.7027.0   | 10               |
|                                       | 3-pole IVB WTP 1,5-3       | Z7.284.7127.0   | 10               |
|                                       | 4-pole IVB WTP 1,5-4       | Z7.284.7227.0   | 10               |
|                                       | 5-pole IVB WTP 1,5-5       | Z7.284.7327.0   | 10               |
|                                       | 10-pole IVB WTP 1,5-10     | Z7.284.7427.0   | 10               |
| Warning cover                         | AD WTP 1,5                 | 04.344.2655.0   | 10               |

## WTP 1,5 E VB

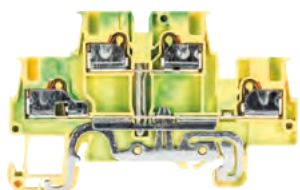
- Multi-tier terminal, connected vertically, with push-in connection for mounting on MR 35
- Nominal cross-section 1.5 mm<sup>2</sup>
- Assembly width of 3.5 mm



| Description                           | Type                       | Part No.        | Std. Pack        |
|---------------------------------------|----------------------------|-----------------|------------------|
| Multi-tier terminal                   | black WTP 1,5 EVB          | 56.202.6955.1   | 100              |
| <b>GENERAL DATA</b>                   |                            |                 |                  |
| Width / length / height, incl. MR 7.5 | 3.5 mm / 67 mm / 42 mm     |                 |                  |
| Wire strip length                     | 8 mm                       |                 |                  |
| Certificates / Approvals              |                            |                 |                  |
| <b>TECHNICAL DATA</b>                 | <b>IEC</b>                 | <b>UL</b>       | <b>CSA</b>       |
|                                       | EN 60 947-7-1              |                 |                  |
| Cross-section fine-stranded           | 0.14 – 1.5 mm <sup>2</sup> |                 |                  |
| Cross-section solid/stranded          | 0.14 – 2.5 mm <sup>2</sup> |                 |                  |
| Cross-section, AWG                    |                            | 26–14           | 26–14            |
| Rated current                         | 15 A                       | 15 A            | 15 A             |
| Rated voltage                         | 500 V                      | 300 V           | 300 V            |
| Rated impulse voltage                 | 6 kV                       |                 |                  |
| Pollution degree                      | 3                          |                 |                  |
| <b>ACCESSORIES</b>                    | <b>Type</b>                | <b>Part No.</b> | <b>Std. Pack</b> |
| End plate                             | AP WTP 1,5 E               | 07.313.4755.0   | 10               |
| Partition                             | TW WTP 1,5 D/E             | 07.313.5555.0   | 10               |
| Jumper bar                            | 2-pole IVB WTP 1,5-2       | Z7.284.7027.0   | 10               |
|                                       | 3-pole IVB WTP 1,5-3       | Z7.284.7127.0   | 10               |
|                                       | 4-pole IVB WTP 1,5-4       | Z7.284.7227.0   | 10               |
|                                       | 5-pole IVB WTP 1,5-5       | Z7.284.7327.0   | 10               |
|                                       | 10-pole IVB WTP 1,5-10     | Z7.284.7427.0   | 10               |
| Warning cover                         | AD WTP 1,5                 | 04.344.2655.0   | 10               |

## WTP 1,5 E PE

- Multi-tier ground terminal with push-in connection for mounting on MR 35
- Nominal cross-section 1.5 mm<sup>2</sup>
- Assembly width of 3.5 mm

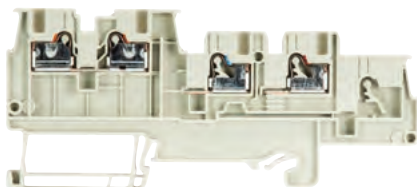


| Description                           | Type                       | Part No.        | Std. Pack        |
|---------------------------------------|----------------------------|-----------------|------------------|
| Multi-tier ground terminal            | green/yellow WTP 1,5 EPE   | 56.202.9255.0   | 100              |
| <b>GENERAL DATA</b>                   |                            |                 |                  |
| Width / length / height, incl. MR 7.5 | 3.5 mm / 67 mm / 42 mm     |                 |                  |
| Wire strip length                     | 8 mm                       |                 |                  |
| Certificates / Approvals              |                            |                 |                  |
| <b>TECHNICAL DATA</b>                 | <b>IEC</b>                 | <b>UL</b>       | <b>CSA</b>       |
|                                       | EN 60 947-7-2              |                 |                  |
| Cross-section fine-stranded           | 0.14 – 1.5 mm <sup>2</sup> |                 |                  |
| Cross-section solid/stranded          | 0.14 – 2.5 mm <sup>2</sup> |                 |                  |
| Cross-section, AWG                    |                            | 26–14           | 26–14            |
| Rated voltage                         | 500 V                      | 300 V           | 300 V            |
| Rated impulse voltage                 | 6 kV                       |                 |                  |
| Pollution degree                      | 3                          |                 |                  |
| <b>ACCESSORIES</b>                    | <b>Type</b>                | <b>Part No.</b> | <b>Std. Pack</b> |
| End plate                             | AP WTP 1,5 E               | 07.313.4755.0   | 10               |
| Partition                             | TW WTP 1,5 D/E             | 07.313.5555.0   | 10               |
| Warning cover                         | AD WTP 1,5                 | 04.344.2655.0   | 10               |

# FASIS WTP · INITIATOR TERMINALS WITH PUSH-IN CONNECTION

## WTP 1,5 I/O -3

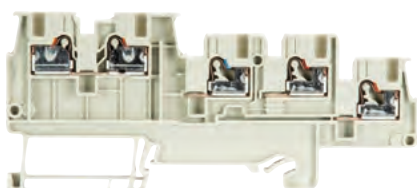
- Three-wire initiator/actuator terminal with push-in connection for mounting on MR 35
- Nominal cross-section 1.5 mm<sup>2</sup>
- Assembly width of 3.5 mm



| Description                                | Type                   | Part No.                   | Std. Pack            |
|--------------------------------------------|------------------------|----------------------------|----------------------|
| Initiator/actuator terminal                | gray WTP 1,5 I/O-3     | 56.202.8055.0              | 50                   |
| Initiator/actuator terminal with indicator |                        | Upon request               |                      |
| <b>GENERAL DATA</b>                        |                        |                            |                      |
| Width / length / height, incl. MR 7.5      | 3.5 mm / 94 mm / 42 mm |                            |                      |
| Wire strip length                          | 8 mm                   |                            |                      |
| Certificates / Approvals                   |                        |                            |                      |
| <b>TECHNICAL DATA</b>                      |                        | <b>IEC</b>                 | <b>UL</b> <b>CSA</b> |
| Cross-section fine-stranded                |                        | EN 60 947-7-1              |                      |
| Cross-section solid/stranded               |                        | 0.14 - 1.5 mm <sup>2</sup> |                      |
| Cross-section, AWG                         |                        | 26-14                      | 26-14                |
| Rated current                              |                        | 13.5 A                     |                      |
| Rated voltage                              |                        | 250 V                      |                      |
| Rated impulse voltage                      |                        | 4 kV                       |                      |
| Pollution degree                           |                        | 3                          |                      |
| <b>ACCESSORIES</b>                         |                        | <b>Part No.</b>            | <b>Std. Pack</b>     |
| End plate                                  | AP WTP 1,5 I/O         | 07.313.4855.0              | 10                   |

## WTP 1,5 I/O -4...

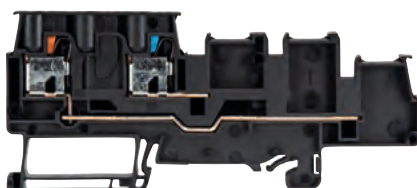
- Four-wire initiator/actuator terminal with push-in connection for mounting on MR 35
- Nominal cross-section 1.5 mm<sup>2</sup>
- Assembly width of 3.5 mm



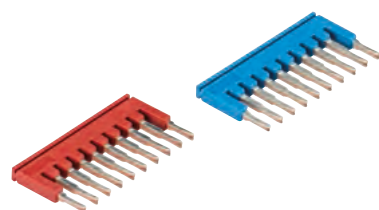
| Description                                | Type                   | Part No.                   | Std. Pack            |
|--------------------------------------------|------------------------|----------------------------|----------------------|
| Initiator/actuator terminal                | gray WTP 1,5 I/O-4     | 56.202.8155.0              | 100                  |
| Initiator/actuator terminal                | gray WTP 1,5 I/O-4 PE  | 56.202.9555.0              | 100                  |
| Initiator/actuator terminal with indicator |                        | Upon request               |                      |
| <b>GENERAL DATA</b>                        |                        |                            |                      |
| Width / length / height, incl. MR 7.5      | 3.5 mm / 94 mm / 42 mm |                            |                      |
| Wire strip length                          | 8 mm                   |                            |                      |
| Certificates / Approvals                   |                        |                            |                      |
| <b>TECHNICAL DATA</b>                      |                        | <b>IEC</b>                 | <b>UL</b> <b>CSA</b> |
| Cross-section fine-stranded                |                        | EN 60 947-7-1              |                      |
| Cross-section solid/stranded               |                        | 0.14 - 1.5 mm <sup>2</sup> |                      |
| Cross-section, AWG                         |                        | 26-14                      | 26-14                |
| Rated current                              |                        | 13.5 A                     |                      |
| Rated voltage                              |                        | 250 V                      |                      |
| Rated impulse voltage                      |                        | 4 kV                       |                      |
| Pollution degree                           |                        | 3                          |                      |
| <b>ACCESSORIES</b>                         |                        | <b>Part No.</b>            | <b>Std. Pack</b>     |
| End plate                                  | AP WTP 1,5 I/O         | 07.313.4855.0              | 10                   |

## WTP 1,5 I/O -IN...

- Feeder terminal for initiator/actuator terminal with push-in connection for mounting on MR 35
- Nominal cross-section 2.5 mm<sup>2</sup>
- Assembly width of 7 mm



| Description                           | Type                    | Part No.                | Std. Pack            |
|---------------------------------------|-------------------------|-------------------------|----------------------|
| Feeder terminal                       | black WTP 1,5 I/O-IN    | 56.202.8255.0           | 20                   |
| Feeder terminal                       | black WTP 1,5 I/O-IN PE | 56.202.9655.0           | 20                   |
| <b>GENERAL DATA</b>                   |                         |                         |                      |
| Width / length / height, incl. MR 7.5 | 7 mm / 94 mm / 42 mm    |                         |                      |
| Wire strip length                     | 8 mm                    |                         |                      |
| Certificates / Approvals              |                         |                         |                      |
| <b>TECHNICAL DATA</b>                 |                         | <b>IEC</b>              | <b>UL</b> <b>CSA</b> |
| Cross-section fine-stranded           |                         | EN 60 947-7-1/-2        |                      |
| Cross-section solid/stranded          |                         | 0.2 - 4 mm <sup>2</sup> |                      |
| Cross-section, AWG                    |                         | 24-12                   | 24-12                |
| Rated current                         |                         | 17.5 A                  |                      |
| Rated voltage                         |                         | 250 V                   |                      |
| Rated impulse voltage                 |                         | 4 kV                    |                      |
| Pollution degree                      |                         | 3                       |                      |
| <b>ACCESSORIES</b>                    |                         | <b>Part No.</b>         | <b>Std. Pack</b>     |
| End plate                             | AP WTP 1,5 I/O          | 07.313.4855.0           | 10                   |



| ACCESSORIES FOR WTP 1.5 I/O...  | Type                        | Part No.      | Std. Pack |
|---------------------------------|-----------------------------|---------------|-----------|
| Jumper bar, red                 | 2-pole IVB WTP 1,5-2 rot    | Z7.284.7027.5 | 10        |
|                                 | 3-pole IVB WTP 1,5-3 rot    | Z7.284.7127.5 | 10        |
|                                 | 4-pole IVB WTP 1,5-4 rot    | Z7.284.7227.5 | 10        |
|                                 | 5-pole IVB WTP 1,5-5 rot    | Z7.284.7327.5 | 10        |
|                                 | 10-pole IVB WTP 1,5-10 rot  | Z7.284.7427.5 | 10        |
| Jumper bar, blue                | 2-pole IVB WTP 1,5-2 blau   | Z7.284.7027.6 | 10        |
|                                 | 3-pole IVB WTP 1,5-3 blau   | Z7.284.7127.6 | 10        |
|                                 | 4-pole IVB WTP 1,5-4 blau   | Z7.284.7227.6 | 10        |
|                                 | 5-pole IVB WTP 1,5-5 blau   | Z7.284.7327.6 | 10        |
|                                 | 10-pole IVB WTP 1,5-10 blau | Z7.284.7427.6 | 10        |
| Screwdriver                     | DIN 5264 B 0,4 X 2,5        | 06.502.4300.0 | 5         |
| Marking accessories, see P. 140 |                             |               |           |

# FASIS WTP · FEED-THROUGH BLOCKS WITH PUSH-IN CONNECTION

## WTP 2,5/4

- Feed-through block with push-in connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>

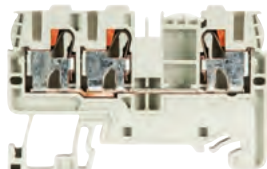


\* When cross connector IVB WKF 2,5-... is used, the rated voltage must be reduced to 630 V.

| Description                             | Type                                                                               | Part No.      | Std. Pack |
|-----------------------------------------|------------------------------------------------------------------------------------|---------------|-----------|
| Feed-through block                      | gray WTP 2,5/4                                                                     | 56.203.0055.0 | 100       |
| Feed-through block                      | blue WTP 2,5/4 BLAU                                                                | 56.203.0055.6 | 100       |
| GENERAL DATA                            |                                                                                    |               |           |
| Width / length / height, incl. TS 7.5   | 5 mm / 47 mm / 38 mm                                                               |               |           |
| Wire strip length                       | 11 mm                                                                              |               |           |
| Approvals                               |  |               |           |
| TECHNICAL DATA                          | IEC                                                                                | UL            | CSA       |
|                                         | EN 60 947-7-1                                                                      |               |           |
| Cross section fine-stranded             | 0.2 – 4 mm <sup>2</sup>                                                            |               |           |
| Cross section solid/stranded            | 0.2 – 4 mm <sup>2</sup>                                                            |               |           |
| Cross section, AWG                      |                                                                                    | 24 – 12       | 22 – 12   |
| Rated current (UL field/factory wiring) | 30 A                                                                               | 20 A/30 A     | 20 A      |
| Rated voltage                           | 800 V *                                                                            | 600 V         | 600 V     |
| Rated impulse voltage                   | 8 kV                                                                               |               |           |
| Pollution degree                        | 3                                                                                  |               |           |
| ACCESSORIES                             | Type                                                                               | Part No.      | Std. Pack |
| End plate                               | gray APFN 2,5                                                                      | 07.312.6755.0 | 10        |
| Partition                               | gray TWFN 2,5                                                                      | 07.312.6855.0 | 10        |

## WTP 2,5/4 D1/2

- Duo feed-through block with push-in connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>



\* When cross connector IVB WKF 2,5-... is used, the rated voltage must be reduced to 630 V.

| Description                             | Type                                                                                 | Part No.      | Std. Pack |
|-----------------------------------------|--------------------------------------------------------------------------------------|---------------|-----------|
| Feed-through block                      | gray WTP 2,5/4 D1/2                                                                  | 56.203.5055.0 | 100       |
| Feed-through block                      | blue WTP 2,5/4 D1/2 BLAU                                                             | 56.203.5055.6 | 100       |
| GENERAL DATA                            |                                                                                      |               |           |
| Width / length / height, incl. TS 7.5   | 5 mm / 60 mm / 38 mm                                                                 |               |           |
| Wire strip length                       | 11 mm                                                                                |               |           |
| Approvals                               |  |               |           |
| TECHNICAL DATA                          | IEC                                                                                  | UL            | CSA       |
|                                         | EN 60 947-7-1                                                                        |               |           |
| Cross section fine-stranded             | 0.2 – 4 mm <sup>2</sup>                                                              |               |           |
| Cross section solid/stranded            | 0.2 – 4 mm <sup>2</sup>                                                              |               |           |
| Cross section, AWG                      |                                                                                      | 24 – 12       | 22 – 12   |
| Rated current (UL field/factory wiring) | 30 A                                                                                 | 20 A/30 A     | 20 A      |
| Rated voltage                           | 800 V *                                                                              | 600 V         | 600 V     |
| Rated impulse voltage                   | 8 kV                                                                                 |               |           |
| Pollution degree                        | 3                                                                                    |               |           |
| ACCESSORIES                             | Type                                                                                 | Part No.      | Std. Pack |
| End plate                               | gray APFN 2,5 D1/2                                                                   | 07.312.6955.0 | 10        |
| Partition                               | gray TWFN 2,5 D1/2                                                                   | 07.312.7055.0 | 10        |

## WTP 2,5/4 D2/2

- Duo feed-through block with push-in connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>



\* When cross connector IVB WKF 2,5-... is used, the rated voltage must be reduced to 630 V.

| Description                             | Type                                                                                 | Part No.            | Std. Pack     |           |
|-----------------------------------------|--------------------------------------------------------------------------------------|---------------------|---------------|-----------|
| Feed-through block                      | gray                                                                                 | WTP 2,5/4 D2/2      | 56.203.5155.0 | 100       |
| Feed-through block                      | blue                                                                                 | WTP 2,5/4 D2/2 BLAU | 56.203.5155.6 | 100       |
| GENERAL DATA                            |                                                                                      |                     |               |           |
| Width / length / height, incl. TS 7.5   | 5 mm / 72 mm / 38 mm                                                                 |                     |               |           |
| Wire strip length                       | 11 mm                                                                                |                     |               |           |
| Approvals                               |  |                     |               |           |
| TECHNICAL DATA                          |                                                                                      | IEC                 | UL            | CSA       |
|                                         |                                                                                      | EN 60 947-7-1       |               |           |
| Cross section fine-stranded             | 0.2 – 4 mm <sup>2</sup>                                                              |                     |               |           |
| Cross section solid/stranded            | 0.2 – 4 mm <sup>2</sup>                                                              |                     |               |           |
| Cross section, AWG                      |                                                                                      |                     | 24 – 12       | 22 – 12   |
| Rated current (UL field/factory wiring) | 30 A                                                                                 | 20 A/30 A           | 20 A          |           |
| Rated voltage                           | 800 V *                                                                              | 600 V               | 600 V         |           |
| Rated impulse voltage                   | 8 kV                                                                                 |                     |               |           |
| Pollution degree                        | 3                                                                                    |                     |               |           |
| ACCESSORIES                             |                                                                                      | Type                | Part No.      | Std. Pack |
| End plate                               | gray                                                                                 | APFN 2,5 D2/2       | 07.312.7155.0 | 10        |
| Partition                               | gray                                                                                 | TWFN 2,5 D2/2       | 07.312.7255.0 | 10        |

More accessories page 130 ff.



# FASIS WTP · GROUND BLOCKS WITH PUSH-IN CONNECTION

## WTP 2,5/4 PE

- Ground block with push-in connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>

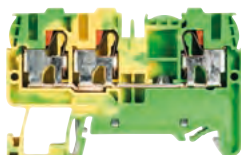


\* When cross connector IVB WKF 2,5-... is used, the rated voltage must be reduced to 630 V.

| Description                           | Type                      | Part No.      | Std. Pack |
|---------------------------------------|---------------------------|---------------|-----------|
| Ground block                          | green/yellow WTP 2,5/4 PE | 56.203.9055.0 | 100       |
| <b>GENERAL DATA</b>                   |                           |               |           |
| Width / length / height, incl. TS 7.5 | 5 mm / 47 mm / 38 mm      |               |           |
| Wire strip length                     | 11 mm                     |               |           |
| Approvals                             |                           |               |           |
| <b>TECHNICAL DATA</b>                 |                           |               |           |
|                                       | IEC                       | UL            | CSA       |
|                                       | EN 60 947-7-2             |               |           |
| Cross section fine-stranded           | 0.2 – 4 mm <sup>2</sup>   |               |           |
| Cross section solid/stranded          | 0.2 – 4 mm <sup>2</sup>   |               |           |
| Cross section, AWG                    |                           | 24 – 12       | 22 – 12   |
| Rated current                         |                           |               |           |
| Rated voltage                         | 800 V *                   | 600 V         | 600 V     |
| Rated impulse voltage                 | 8 kV                      |               |           |
| Pollution degree                      | 3                         |               |           |
| <b>ACCESSORIES</b>                    |                           |               |           |
| End plate                             | gray APFN 2,5             | 07.312.6755.0 | 10        |
| Partition                             | gray TWFN 2,5             | 07.312.6855.0 | 10        |

## WTP 2,5/4 D1/2/PE

- Duo ground block with push-in connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>



\* When cross connector IVB WKF 2,5-... is used, the rated voltage must be reduced to 630 V.

| Description                           | Type                           | Part No.      | Std. Pack |
|---------------------------------------|--------------------------------|---------------|-----------|
| Ground block                          | green/yellow WTP 2,5/4 D1/2/PE | 56.203.9355.0 | 100       |
| <b>GENERAL DATA</b>                   |                                |               |           |
| Width / length / height, incl. TS 7.5 | 5 mm / 60 mm / 38 mm           |               |           |
| Wire strip length                     | 11 mm                          |               |           |
| Approvals                             |                                |               |           |
| <b>TECHNICAL DATA</b>                 |                                |               |           |
|                                       | IEC                            | UL            | CSA       |
|                                       | EN 60 947-7-2                  |               |           |
| Cross section fine-stranded           | 0.2 – 4 mm <sup>2</sup>        |               |           |
| Cross section solid/stranded          | 0.2 – 4 mm <sup>2</sup>        |               |           |
| Cross section, AWG                    |                                | 24 – 12       | 22 – 12   |
| Rated current                         |                                |               |           |
| Rated voltage                         | 800 V *                        | 600 V         | 600 V     |
| Rated impulse voltage                 | 8 kV                           |               |           |
| Pollution degree                      | 3                              |               |           |
| <b>ACCESSORIES</b>                    |                                |               |           |
| End plate                             | gray APFN 2,5 D1/2             | 07.312.6955.0 | 10        |
| Partition                             | gray TWFN 2,5 D1/2             | 07.312.7055.0 | 10        |

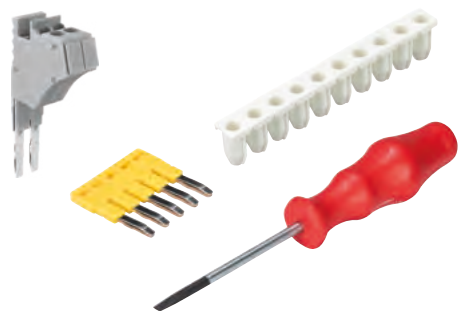
## WTP 2,5/4 D2/2/PE

- Duo ground block with push-in connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>



\* When cross connector IVB WKF 2,5-... is used, the rated voltage must be reduced to 630 V.

| Description                           | Type                           | Part No.      | Std. Pack |
|---------------------------------------|--------------------------------|---------------|-----------|
| Ground block                          | green/yellow WTP 2,5/4 D2/2/PE | 56.203.9155.0 | 100       |
| <b>GENERAL DATA</b>                   |                                |               |           |
| Width / length / height, incl. TS 7.5 | 5 mm / 72 mm / 38 mm           |               |           |
| Wire strip length                     | 11 mm                          |               |           |
| Approvals                             |                                |               |           |
| <b>TECHNICAL DATA</b>                 |                                |               |           |
|                                       | IEC                            | UL            | CSA       |
|                                       | EN 60 947-7-2                  |               |           |
| Cross section fine-stranded           | 0.2 – 4 mm <sup>2</sup>        |               |           |
| Cross section solid/stranded          | 0.2 – 4 mm <sup>2</sup>        |               |           |
| Cross section, AWG                    |                                | 24 – 12       | 22 – 12   |
| Rated current                         |                                |               |           |
| Rated voltage                         | 800 V *                        | 600 V         | 600 V     |
| Rated impulse voltage                 | 8 kV                           |               |           |
| Pollution degree                      | 3                              |               |           |
| <b>ACCESSORIES</b>                    |                                |               |           |
| End plate                             | gray APFN 2,5 D2/2             | 07.312.7155.0 | 10        |
| Partition                             | gray TWFN 2,5 D2/2             | 07.312.7255.0 | 10        |



| ACCESSORIES FOR WTP 2,5/4...   |                            | Type                 | Part No.      | Std. Pack |
|--------------------------------|----------------------------|----------------------|---------------|-----------|
| Cross connector, insulated     | 2-pole                     | IVB WKF 2,5 – 2      | Z7.280.6227.0 | 10        |
|                                | 3-pole                     | IVB WKF 2,5 – 3      | Z7.280.6327.0 | 10        |
|                                | 4-pole                     | IVB WKF 2,5 – 4      | Z7.280.6427.0 | 10        |
|                                | 5-pole                     | IVB WKF 2,5 – 5      | Z7.280.6527.0 | 10        |
|                                | 10-pole                    | IVB WKF 2,5 – 10     | Z7.280.7027.0 | 20        |
|                                | 20-pole                    | IVB WKF 2,5 – 20     | Z7.280.8027.0 | 20        |
| Wire entry guide               | 0.13 – 0.2 mm <sup>2</sup> | LELN 2,5/1 WEISS     | 05.564.3755.0 | 100       |
|                                | 0.25 – 0.5 mm <sup>2</sup> | LELN 2,5/2 GRAU      | 05.564.3855.0 | 100       |
|                                | 0.75 – 1.0 mm <sup>2</sup> | LELN 2,5/3 SCHWARZ   | 05.564.3955.0 | 100       |
| Test adapter, modular          |                            | PS WKC/F             | Z1.299.9753.0 | 10        |
| Test plug                      |                            | ST 2/2,3             | Z5.553.2921.0 | 10        |
| Screwdriver, uninsulated       |                            | DIN 5264 B 0,6x3,5   | 06.502.4000.0 | 5         |
| Screwdriver, uninsulated, MINI |                            | DIN 5264 B 0,6x3,5 M | 06.502.5000.0 | 10        |

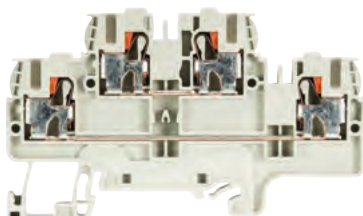
Technical information see FACTS & DATA page 158 ff.

Subject to technical modifications

# FASIS WTP · MULTI-TIER BLOCKS WITH PUSH-IN CONNECTION

## WTP 2,5/4 E

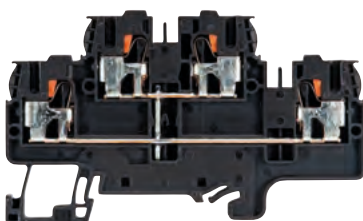
- Multi-tier block with push-in connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>



| Description                           | Type                                                                               | Part No.      | Std. Pack |
|---------------------------------------|------------------------------------------------------------------------------------|---------------|-----------|
| Multi-tier block                      | gray WTP 2,5/4 E                                                                   | 56.203.7055.0 | 100       |
| GENERAL DATA                          |                                                                                    |               |           |
| Width / length / height, incl. TS 7.5 | 5 mm / 82 mm / 48 mm                                                               |               |           |
| Wire strip length                     | 11 mm                                                                              |               |           |
| Approvals                             |  |               |           |
| TECHNICAL DATA                        | IEC                                                                                | UL            | CSA       |
|                                       | EN 60 947-7-1                                                                      |               |           |
| Cross section fine-stranded           | 0.2 – 4 mm <sup>2</sup>                                                            |               |           |
| Cross section solid/stranded          | 0.2 – 4 mm <sup>2</sup>                                                            |               |           |
| Cross section, AWG                    |                                                                                    | 24 – 12       | 22 – 12   |
| Rated current                         | 24 A                                                                               | 20 A          | 20 A      |
| Rated voltage                         | 500 V                                                                              | 300 V         | 300 V     |
| Rated impulse voltage                 | 6 kV                                                                               |               |           |
| Pollution degree                      | 3                                                                                  |               |           |
| ACCESSORIES                           |                                                                                    |               |           |
| End plate                             | gray APFN 2,5 E                                                                    | 07.312.7355.0 | 10        |
| Partition                             | gray TWFN 2,5 E                                                                    | 07.312.7455.0 | 10        |
| Marking tag carrier, 2-fold           | BT 5/2                                                                             | 04.243.0855.0 | 100       |

## WTP 2,5/4 E VB

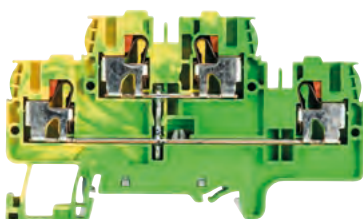
- Multi-tier block, vertically connected, with push-in connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>



| Description                           | Type                                                                                 | Part No.      | Std. Pack |
|---------------------------------------|--------------------------------------------------------------------------------------|---------------|-----------|
| Multi-tier block                      | black WTP 2,5/4 E VB                                                                 | 56.203.6955.1 | 100       |
| GENERAL DATA                          |                                                                                      |               |           |
| Width / length / height, incl. TS 7.5 | 5 mm / 82 mm / 48 mm                                                                 |               |           |
| Wire strip length                     | 11 mm                                                                                |               |           |
| Approvals                             |  |               |           |
| TECHNICAL DATA                        | IEC                                                                                  | UL            | CSA       |
|                                       | EN 60 947-7-2                                                                        |               |           |
| Cross section fine-stranded           | 0.2 – 4 mm <sup>2</sup>                                                              |               |           |
| Cross section solid/stranded          | 0.2 – 4 mm <sup>2</sup>                                                              |               |           |
| Cross section, AWG                    | 24 – 12                                                                              | 22 – 12       |           |
| Rated current                         | 24 A                                                                                 | 20 A          | 20 A      |
| Rated voltage                         | 500 V                                                                                | 300 V         | 300 V     |
| Rated impulse voltage                 | 6 kV                                                                                 |               |           |
| Pollution degree                      | 3                                                                                    |               |           |
| ACCESSORIES                           |                                                                                      |               |           |
| End plate                             | gray APFN 2,5 E                                                                      | 07.312.7355.0 | 10        |
| Partition                             | gray TWFN 2,5 E                                                                      | 07.312.7455.0 | 10        |
| Marking tag carrier, 2-fold           | BT 5/2                                                                               | 04.243.0855.0 | 100       |

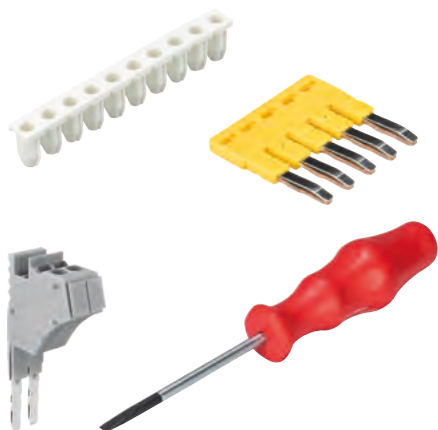
## WTP 2,5/4 E PE

- Multi-tier ground block with push-in connection for mounting on TS 35
- Nominal cross section 4 mm<sup>2</sup>



| Description                           | Type                                                                                | Part No.      | Std. Pack |
|---------------------------------------|-------------------------------------------------------------------------------------|---------------|-----------|
| Multi-tier ground block               | green/yellow WTP 2,5/4 E PE                                                         | 56.203.8955.0 | 100       |
| GENERAL DATA                          |                                                                                     |               |           |
| Width / length / height, incl. TS 7.5 | 5 mm / 82 mm / 48 mm                                                                |               |           |
| Wire strip length                     | 11 mm                                                                               |               |           |
| Approvals                             |  |               |           |
| TECHNICAL DATA                        | IEC                                                                                 | UL            | CSA       |
|                                       | EN 60 947-7-2                                                                       |               |           |
| Cross section fine-stranded           | 0.2 – 4 mm²                                                                         |               |           |
| Cross section solid/stranded          | 0.2 – 4 mm²                                                                         |               |           |
| Cross section, AWG                    |                                                                                     | 24 – 12       | 22 – 12   |
| Rated current                         |                                                                                     |               |           |
| Rated voltage                         | 500 V                                                                               | 300 V         | 300 V     |
| Rated impulse voltage                 | 6 kV                                                                                |               |           |
| Pollution degree                      | 3                                                                                   |               |           |
| ACCESSORIES                           |                                                                                     |               |           |
|                                       | Type                                                                                | Part No.      | Std. Pack |
| End plate                             | gray APFN 2,5 E                                                                     | 07.312.7355.0 | 10        |

## ACCESSORIES FOR FASIS WTP 2,5/4



| ACCESSORIES                    | Type                       | Part No.           | Std. Pack         |
|--------------------------------|----------------------------|--------------------|-------------------|
| Cross connector, insulated     | 2-pole                     | IVB WKF 2,5 – 2    | Z7.280.6227.0 10  |
|                                | 3-pole                     | IVB WKF 2,5 – 3    | Z7.280.6327.0 10  |
|                                | 4-pole                     | IVB WKF 2,5 – 4    | Z7.280.6427.0 10  |
|                                | 5-pole                     | IVB WKF 2,5 – 5    | Z7.280.6527.0 10  |
|                                | 6-pole                     | IVB WKF 2,5 – 6    | Z7.280.6627.0 10  |
|                                | 7-pole                     | IVB WKF 2,5 – 7    | Z7.280.6727.0 20  |
|                                | 8-pole                     | IVB WKF 2,5 – 8    | Z7.280.6827.0 20  |
|                                | 9-pole                     | IVB WKF 2,5 – 9    | Z7.280.6927.0 20  |
|                                | 10-pole                    | IVB WKF 2,5 – 10   | Z7.280.7027.0 20  |
|                                | 20-pole                    | IVB WKF 2,5 – 20   | Z7.280.8027.0 20  |
| Wire entry guide               | 0.13 – 0.2 mm <sup>2</sup> | LELN 2,5/1 WEISS   | 05.564.3755.0 100 |
|                                | 0.25 – 0.5 mm <sup>2</sup> | LELN 2,5/2 GRAU    | 05.564.3855.0 100 |
|                                | 0.75 – 1.0 mm <sup>2</sup> | LELN 2,5/3 SCHWARZ | 05.564.3955.0 100 |
| Test adapter, modular          | PS WKC/F                   |                    | Z1.299.9753.0 10  |
| Test plug                      | ST 2/2,3                   |                    | Z5.553.2921.0 10  |
| Screwdriver, uninsulated       | DIN 5264 B 0,6x3,5         |                    | 06.502.4000.0 5   |
| Screwdriver, uninsulated, MINI | DIN 5264 B 0,6x3,5 M       |                    | 06.502.5000.0 10  |
| Marking material see page 140  |                            |                    |                   |

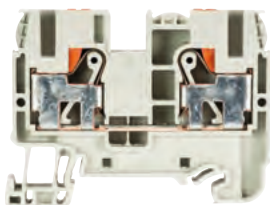
Technical information see FACTS & DATA page 158 ff.

Subject to technical modifications

# FASIS WTP · FEED-THROUGH BLOCKS WITH PUSH-IN CONNECTION

## WTP 6/10

- Feed-through block with push-in connection for mounting on TS 35
- Nominal cross section 10 mm<sup>2</sup>

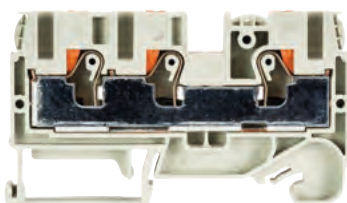


\* When cross connector IVB WKFN 6-... is used, the rated voltage must be reduced to 800 V.

| Description                           | Type                 | Part No.                 | Std. Pack            |
|---------------------------------------|----------------------|--------------------------|----------------------|
| Feed-through block                    | gray WTP 6/10        | 56.206.0055.0            | 100                  |
| Feed-through block                    | blue WTP 6/10 BLAU   | 56.206.0055.6            | 100                  |
| <b>GENERAL DATA</b>                   |                      |                          |                      |
| Width / length / height, incl. TS 7.5 | 8 mm / 58 mm / 44 mm |                          |                      |
| Wire strip length                     | 15 mm                |                          |                      |
| Approvals                             |                      |                          |                      |
| <b>TECHNICAL DATA</b>                 |                      | <b>IEC</b>               | <b>UL</b> <b>CSA</b> |
|                                       |                      | EN 60 947-7-1            |                      |
| Cross section fine-stranded           |                      | 0,2 – 10 mm <sup>2</sup> |                      |
| Cross section solid/stranded          |                      | 0.2 – 10 mm <sup>2</sup> |                      |
| Cross section, AWG                    |                      | 10 – 8                   | 12 – 8               |
| Rated current                         | 57 A                 | 41 A                     | 41 A                 |
| Rated voltage                         | 1000 V*              | 600 V                    | 600 V                |
| Rated impulse voltage                 | 8 kV                 |                          |                      |
| Pollution degree                      | 3                    |                          |                      |
| <b>ACCESSORIES</b>                    |                      | <b>Part No.</b>          | <b>Std. Pack</b>     |
| End plate                             | gray AP WTP 6/10     | 07.313.4155.0            | 10                   |
| Partition                             | gray TW WTP 6/10     | 07.313.4255.0            | 10                   |

## WTP 6/10 D1/2

- Feed-through block with push-in connection for mounting on TS 35
- Nominal cross section 10 mm<sup>2</sup>

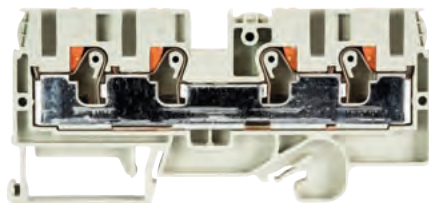


\* When cross connector IVB WKFN 6-... is used, the rated voltage must be reduced to 800 V.

| Description                           | Type                    | Part No.                 | Std. Pack        |
|---------------------------------------|-------------------------|--------------------------|------------------|
| Feed-through block                    | gray WTP 6/10 D1/2      | 56.206.5055.0            | 50               |
| Feed-through block                    | blue WTP 6/10 D1/2 BLAU | 56.206.5055.6            | 50               |
| <b>GENERAL DATA</b>                   |                         |                          |                  |
| Width / length / height, incl. TS 7.5 | 8 mm / 77 mm / 44 mm    |                          |                  |
| Wire strip length                     | 15 mm                   |                          |                  |
| Approvals                             |                         |                          |                  |
| <b>TECHNICAL DATA</b>                 |                         | <b>IEC</b>               |                  |
|                                       |                         | EN 60 947-7-1            |                  |
| Cross section fine-stranded           |                         | 0,2 – 10 mm <sup>2</sup> |                  |
| Cross section solid/stranded          |                         | 0.2 – 10 mm <sup>2</sup> |                  |
| Cross section, AWG                    |                         |                          |                  |
| Rated current                         | 57 A                    |                          |                  |
| Rated voltage                         | 1000 V*                 |                          |                  |
| Rated impulse voltage                 | 8 kV                    |                          |                  |
| Pollution degree                      | 3                       |                          |                  |
| <b>ACCESSORIES</b>                    |                         | <b>Part No.</b>          | <b>Std. Pack</b> |
| End plate                             | gray AP WTP 6/10 D1/2   | 07.313.5355.0            | 10               |
| Partition                             | gray TW WTP 6/10 Dx/2   | 07.313.5255.0            | 10               |

## WTP 6/10 D2/2

- Feed-through block with push-in connection for mounting on TS 35
- Nominal cross section 10 mm<sup>2</sup>



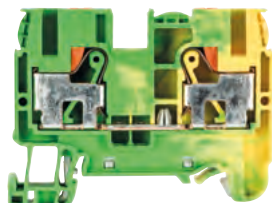
\* When cross connector IVB WKFN 6-... is used, the rated voltage must be reduced to 800 V.

| Description                           | Type                    | Part No.                 | Std. Pack        |
|---------------------------------------|-------------------------|--------------------------|------------------|
| Feed-through block                    | gray WTP 6/10 D2/2      | 56.206.5155.0            | 50               |
| Feed-through block                    | blue WTP 6/10 D2/2 BLAU | 56.206.5155.6            | 50               |
| <b>GENERAL DATA</b>                   |                         |                          |                  |
| Width / length / height, incl. TS 7.5 | 8 mm / 94 mm / 44 mm    |                          |                  |
| Wire strip length                     | 15 mm                   |                          |                  |
| Approvals                             |                         |                          |                  |
| <b>TECHNICAL DATA</b>                 |                         | <b>IEC</b>               |                  |
|                                       |                         | EN 60 947-7-1            |                  |
| Cross section fine-stranded           |                         | 0,2 – 10 mm <sup>2</sup> |                  |
| Cross section solid/stranded          |                         | 0.2 – 10 mm <sup>2</sup> |                  |
| Cross section, AWG                    |                         |                          |                  |
| Rated current                         | 57 A                    |                          |                  |
| Rated voltage                         | 1000 V*                 |                          |                  |
| Rated impulse voltage                 | 8 kV                    |                          |                  |
| Pollution degree                      | 3                       |                          |                  |
| <b>ACCESSORIES</b>                    |                         | <b>Part No.</b>          | <b>Std. Pack</b> |
| End plate                             | gray AP WTP 6/10 D2/2   | 07.313.5455.0            | 10               |
| Partition                             | gray TW WTP 6/10 Dx/2   | 07.313.5255.0            | 10               |

# FASIS WTP · GROUND BLOCKS WITH PUSH-IN CONNECTION

## WTP 6/10 PE

- Ground block with push-in connection for mounting on TS 35
- Nominal cross section 10 mm<sup>2</sup>

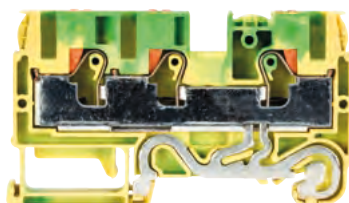


\* When cross connector IVB WKFN 6-... is used, the rated voltage must be reduced to 800 V.

| Description                           | Type                     | Part No.      | Std. Pack |
|---------------------------------------|--------------------------|---------------|-----------|
| Ground block                          | green/yellow WTP 6/10 PE | 56.206.9055.0 | 100       |
| <b>GENERAL DATA</b>                   |                          |               |           |
| Width / length / height, incl. TS 7.5 | 8 mm / 58 mm / 44 mm     |               |           |
| Wire strip length                     | 15 mm                    |               |           |
| Approvals                             |                          |               |           |
| <b>TECHNICAL DATA</b>                 |                          |               |           |
|                                       | IEC                      | UL            | CSA       |
|                                       | EN 60 947-7-2            |               |           |
| Cross section fine-stranded           | 0.2 – 10 mm <sup>2</sup> |               |           |
| Cross section solid/stranded          | 0.2 – 10 mm <sup>2</sup> |               |           |
| Cross section, AWG                    |                          | 10 – 8        | 12 – 8    |
| Rated current                         |                          |               |           |
| Rated voltage                         | 1000 V*                  | 600 V         | 600 V     |
| Rated impulse voltage                 | 8 kV                     |               |           |
| Pollution degree                      | 3                        |               |           |
| <b>ACCESSORIES</b>                    |                          |               |           |
| End plate                             | gray AP WTP 6/10         | 07.313.4155.0 | 10        |
| Partition                             | gray TW WTP 6/10         | 07.313.4255.0 | 10        |

## WTP 6/10 D1/2 PE

- Ground block with push-in connection for mounting on TS 35
- Nominal cross section 10 mm<sup>2</sup>

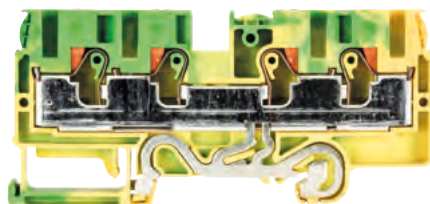


\* When cross connector IVB WKFN 6-... is used, the rated voltage must be reduced to 800 V.

| Description                           | Type                          | Part No.      | Std. Pack |
|---------------------------------------|-------------------------------|---------------|-----------|
| Ground block                          | green/yellow WTP 6/10 D1/2 PE | 56.206.9355.0 | 50        |
| <b>GENERAL DATA</b>                   |                               |               |           |
| Width / length / height, incl. TS 7.5 | 8 mm / 77 mm / 44 mm          |               |           |
| Wire strip length                     | 15 mm                         |               |           |
| Approvals                             |                               |               |           |
| <b>TECHNICAL DATA</b>                 |                               |               |           |
|                                       | IEC                           |               |           |
|                                       | EN 60 947-7-2                 |               |           |
| Cross section fine-stranded           | 0.2 – 10 mm <sup>2</sup>      |               |           |
| Cross section solid/stranded          | 0.2 – 10 mm <sup>2</sup>      |               |           |
| Cross section, AWG                    |                               |               |           |
| Rated current                         |                               |               |           |
| Rated voltage                         | 1000 V*                       |               |           |
| Rated impulse voltage                 | 8 kV                          |               |           |
| Pollution degree                      | 3                             |               |           |
| <b>ACCESSORIES</b>                    |                               |               |           |
| End plate                             | gray AP WTP 6/10 D1/2         | 07.313.5355.0 | 10        |
| Partition                             | gray TW WTP 6/10 Dx/2         | 07.313.5255.0 | 10        |

## WTP 6/10 D2/2 PE

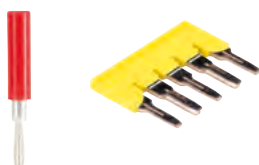
- Ground block with push-in connection for mounting on TS 35
- Nominal cross section 10 mm<sup>2</sup>



\* When cross connector IVB WKFN 6-... is used, the rated voltage must be reduced to 800 V.

| Description                           | Type                          | Part No.      | Std. Pack |
|---------------------------------------|-------------------------------|---------------|-----------|
| Ground block                          | green/yellow WTP 6/10 D2/2 PE | 56.206.9155.0 | 50        |
| <b>GENERAL DATA</b>                   |                               |               |           |
| Width / length / height, incl. TS 7.5 | 8 mm / 94 mm / 44 mm          |               |           |
| Wire strip length                     | 15 mm                         |               |           |
| Approvals                             |                               |               |           |
| <b>TECHNICAL DATA</b>                 |                               |               |           |
|                                       | IEC                           |               |           |
|                                       | EN 60 947-7-2                 |               |           |
| Cross section fine-stranded           | 0.2 – 10 mm <sup>2</sup>      |               |           |
| Cross section solid/stranded          | 0.2 – 10 mm <sup>2</sup>      |               |           |
| Cross section, AWG                    |                               |               |           |
| Rated current                         |                               |               |           |
| Rated voltage                         | 1000 V*                       |               |           |
| Rated impulse voltage                 | 8 kV                          |               |           |
| Pollution degree                      | 3                             |               |           |
| <b>ACCESSORIES</b>                    |                               |               |           |
| End plate                             | gray AP WTP 6/10 D2/2         | 07.313.5455.0 | 10        |
| Partition                             | gray TW WTP 6/10 Dx/2         | 07.313.5255.0 | 10        |

## ACCESSORIES FOR FASIS WTP 6/10



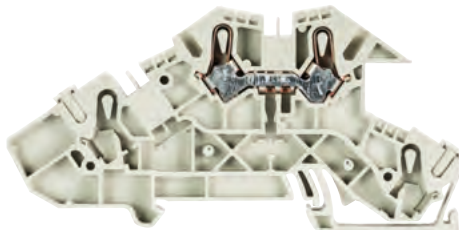
| ACCESSORIES                                       | Type                  | Part No.      | Std. Pack |
|---------------------------------------------------|-----------------------|---------------|-----------|
| Cross connector, insulated, I <sub>N</sub> : 41 A | 2-pole IVB WKFN 6 – 2 | Z7.282.5227.0 | 10        |
| (57 A when using two cross connectors)            | 3-pole IVB WKFN 6 – 3 | Z7.282.5327.0 | 10        |
|                                                   | 4-pole IVB WKFN 6 – 4 | Z7.282.5427.0 | 10        |
|                                                   | 5-pole IVB WKFN 6 – 5 | Z7.282.5527.0 | 10        |
| Test plug                                         | ST 2/2,3              | Z5.553.2921.0 | 10        |
| Screwdriver, uninsulated                          | DIN 5264 B 0,8x4      | 06.502.4100.0 | 5         |
| Marking material see page 140                     |                       |               |           |



# FASIS BIT · MULTI-TIER TERMINALS FOR INSTALLATION DISTRIBUTION BOARDS WITH PUSH-IN CONNECTION

## WKIS 2.5 D

- Installation multi-tier terminal with push-in connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                           | Type                    | Part No.      | Std. Pack |
|---------------------------------------|-------------------------|---------------|-----------|
| Installation rail terminal blocks     | WKIS 2,5 D              | 56.203.9653.0 | 50        |
| <b>GENERAL DATA</b>                   |                         |               |           |
| Width / length / height, incl. TS 7.5 | 5 mm / 100 mm / 51.1 mm |               |           |
| Wire strip length                     | 11 mm                   |               |           |
| Approvals                             |                         |               |           |
| <b>TECHNICAL DATA</b>                 |                         | <b>IEC</b>    |           |
|                                       | EN 60 947-7-1           |               |           |
| Cross section fine-stranded           | 0.14-4 mm <sup>2</sup>  |               |           |
| Cross section solid/stranded          | 0.14-4 mm <sup>2</sup>  |               |           |
| Cross-section, AWG                    |                         |               |           |
| Rated current                         | 24 A                    |               |           |
| Rated voltage                         | 400 V                   |               |           |
| Rated impulse voltage                 | 6 kV                    |               |           |
| Pollution degree                      | 3                       |               |           |
| <b>ACCESSORIES</b>                    |                         |               |           |
| End plate                             | APIS 2,5..              | 07.313.0253.0 | 10        |
| Jumper bar                            | 2-pole IVBWK 2,5 - 2    | Z7.280.6227.0 | 10        |
|                                       | 3-pole IVBWK 2,5 - 3    | Z7.280.6327.0 | 10        |
|                                       | 10-pole IVBWK 2,5 - 10  | Z7.280.7027.0 | 20        |
|                                       | 20-pole IVBWK 2,5 - 20  | Z7.280.8027.0 | 20        |
| Busbar                                | 9813 M SN 10X3 1000MM   | 98.290.1000.0 | 1         |

## WKIS 2.5 D-D

## WKIS 2.5 N-D

- Installation multi-tier terminal with push-in connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>

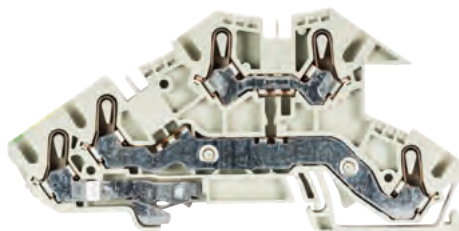


| Description                           | Type                    | Part No.      | Std. Pack |
|---------------------------------------|-------------------------|---------------|-----------|
| Installation rail terminal blocks     | WKIS 2,5 D-D            | 56.203.9753.0 | 50        |
|                                       | WKIS 2,5 N-D            | 56.203.8953.0 | 50        |
| <b>GENERAL DATA</b>                   |                         |               |           |
| Width / length / height, incl. TS 7.5 | 5 mm / 100 mm / 51.1 mm |               |           |
| Wire strip length                     | 11 mm                   |               |           |
| Approvals                             |                         |               |           |
| <b>TECHNICAL DATA</b>                 |                         | <b>IEC</b>    |           |
|                                       | EN 60 947-7-1           |               |           |
| Cross section fine-stranded           | 0.14-4 mm <sup>2</sup>  |               |           |
| Cross section solid/stranded          | 0.14-4 mm <sup>2</sup>  |               |           |
| Cross-section, AWG                    |                         |               |           |
| Rated current                         | 24 A                    |               |           |
| Rated voltage                         | 400 V                   |               |           |
| Rated impulse voltage                 | 6 kV                    |               |           |
| Pollution degree                      | 3                       |               |           |
| <b>ACCESSORIES</b>                    |                         |               |           |
| End plate                             | APIS 2,5..              | 07.313.0253.0 | 10        |
| Jumper bar                            | 2-pole IVBWK 2,5 - 2    | Z7.280.6227.0 | 10        |
|                                       | 2-pole IVBWK 2,5 - 3    | Z7.280.6327.0 | 10        |
|                                       | 10-pole IVBWK 2,5 - 10  | Z7.280.7027.0 | 20        |
|                                       | 20-pole IVBWK 2,5 - 20  | Z7.280.8027.0 | 20        |
| Busbar                                | 9813 M SN 10X3 1000MM   | 98.290.1000.0 | 1         |

## WKIS 2.5 D-D-SL

## WKIS 2.5 N-D-SL

- Installation multi-tier terminal with push-in connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>

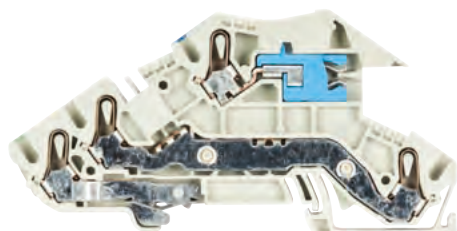


| Description                           | Type                    | Part No.      | Std. Pack |
|---------------------------------------|-------------------------|---------------|-----------|
| Installation rail terminal blocks     | WKIS 2,5 D-D-SL         | 56.203.9853.0 | 50        |
|                                       | WKIS 2,5 N-D-SL         | 56.203.9453.0 | 50        |
| <b>GENERAL DATA</b>                   |                         |               |           |
| Width / length / height, incl. TS 7.5 | 5 mm / 100 mm / 51.1 mm |               |           |
| Wire strip length                     | 11 mm                   |               |           |
| Approvals                             |                         |               |           |
| <b>TECHNICAL DATA</b>                 |                         | <b>IEC</b>    |           |
|                                       | EN 60 947-7-1           |               |           |
| Cross section fine-stranded           | 0.14-4 mm <sup>2</sup>  |               |           |
| Cross section solid/stranded          | 0.14-4 mm <sup>2</sup>  |               |           |
| Cross-section, AWG                    |                         |               |           |
| Rated current                         | 24 A                    |               |           |
| Rated voltage                         | 400 V                   |               |           |
| Rated impulse voltage                 | 6 kV                    |               |           |
| Pollution degree                      | 3                       |               |           |
| <b>ACCESSORIES</b>                    |                         |               |           |
| End plate                             | APIS 2,5..              | 07.313.0253.0 | 10        |
| Jumper bar                            | 2-pole IVBWK 2,5 - 2    | Z7.280.6227.0 | 10        |
|                                       | 3-pole IVBWK 2,5 - 3    | Z7.280.6327.0 | 10        |
|                                       | 10-pole IVBWK 2,5 - 10  | Z7.280.7027.0 | 20        |
|                                       | 20-pole IVBWK 2,5 - 20  | Z7.280.8027.0 | 20        |
| Busbar                                | 9813 M SN 10X3 1000MM   | 98.290.1000.0 | 1         |

More accessories page 130 ff.

## WKIS 2.5 NT-D-SL

- Installation multi-tier terminal with push-in connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                       | Type             | Part No.      | Std. Pack |
|-----------------------------------|------------------|---------------|-----------|
| Installation rail terminal blocks | WKIS 2,5 NT-D-SL | 56.203.9553.0 | 50        |

### GENERAL DATA

|                                       |                         |
|---------------------------------------|-------------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 100 mm / 51.2 mm |
| Wire strip length                     | 11 mm                   |
| Approvals                             |                         |

### TECHNICAL DATA

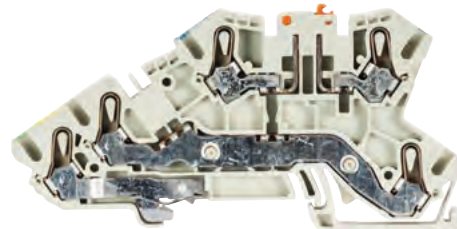
|                              | IEC                    |
|------------------------------|------------------------|
|                              | EN 60 947-7-1          |
| Cross section fine-stranded  | 0.14-4 mm <sup>2</sup> |
| Cross section solid/stranded | 0.14-4 mm <sup>2</sup> |
| Cross-section, AWG           |                        |
| Rated current                | 22 A                   |
| Rated voltage                | 400 V                  |
| Rated impulse voltage        | 4 kV                   |
| Pollution degree             | 3                      |

### ACCESSORIES

|            | Type                   | Part No.      | Std. Pack |
|------------|------------------------|---------------|-----------|
| End plate  | APIS 2,5..             | 07.313.0253.0 | 10        |
| Jumper bar | 2-pole IVBWK 2,5 - 2   | Z7.280.6227.0 | 10        |
|            | 3-pole IVBWK 2,5 - 3   | Z7.280.6327.0 | 10        |
|            | 10-pole IVBWK 2,5 - 10 | Z7.280.7027.0 | 20        |
|            | 20-pole IVBWK 2,5 - 20 | Z7.280.8027.0 | 20        |
| Busbar     | 9813 M SN 10X3 1000MM  | 98.290.1000.0 | 1         |

## WKIS 2.5 NTM-D-SL

- Installation multi-tier terminal with push-in connection for mounting on TS 35
- Nominal cross section 2.5 mm<sup>2</sup>



| Description                                                                | Type               | Art.No.       | Std. Pack |
|----------------------------------------------------------------------------|--------------------|---------------|-----------|
| Installation rail terminal blocks with cutting knife                       | WKIS 2,5 NTM-D-SL  | 56.203.8653.0 | 50        |
| Installation rail terminal blocks, same construction without cutting knife | WKIS 2,5 NTMD-D-SL | 56.203.8553.0 | 50        |

### GENERAL DATA

|                                       |                         |
|---------------------------------------|-------------------------|
| Width / length / height, incl. TS 7.5 | 5 mm / 100 mm / 50.7 mm |
| Wire strip length                     | 11 mm                   |
| Approvals                             |                         |

### TECHNICAL DATA

|                              | IEC                    |
|------------------------------|------------------------|
|                              | EN 60 947-7-1          |
| Cross section fine-stranded  | 0.14-4 mm <sup>2</sup> |
| Cross section solid/stranded | 0.14-4 mm <sup>2</sup> |
| Cross-section, AWG           |                        |
| Rated current                | 20 A                   |
| Rated voltage                | 400 V                  |
| Rated impulse voltage        | 4 kV                   |
| Pollution degree             | 3                      |

### ACCESSORIES

|            | Type                   | Part No.      | Std. Pack |
|------------|------------------------|---------------|-----------|
| End plate  | APIS 2,5 NTM-D-SL      | 07.313.0353.0 | 10        |
| Jumper bar | 2-pole IVBWK 2,5 - 2   | Z7.280.6227.0 | 10        |
|            | 3-pole IVBWK 2,5 - 3   | Z7.280.6327.0 | 10        |
|            | 10-pole IVBWK 2,5 - 10 | Z7.280.7027.0 | 20        |
|            | 20-pole IVBWK 2,5 - 20 | Z7.280.8027.0 | 20        |

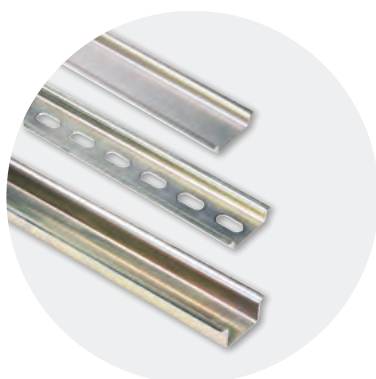
# ACCESSORIES

To complement our products, we offer a comprehensive portfolio of accessories and services for terminal blocks.

Wieland offers a variety of product-specific accessories for its terminal blocks, for example covers and isolating plates as well as assembly materials such as mounting rails or tools for working with our products. Marking solutions such as wieplot and wiemarc for DIN rail terminal blocks and other components in the control cabinet, the planning software wieplan for design of rail assemblies, and our value-add service for rail assemblies, all make working with Wieland DIN rail terminal blocks effortless, and achieve a true added value.



**SHIELDED CABLE  
TERMINAL BLOCKS**



**MOUNTING RAILS**



**END CLAMPS**



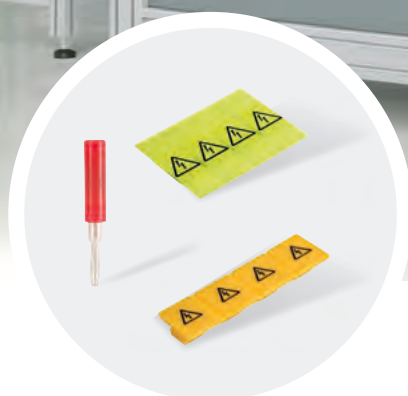
**MARKING OF  
DIN RAIL TERMINAL BLOCKS**







**CROSS CONNECTORS  
AND JUMPER BARS**



**COVER STRIPS AND  
TEST PLUGS**

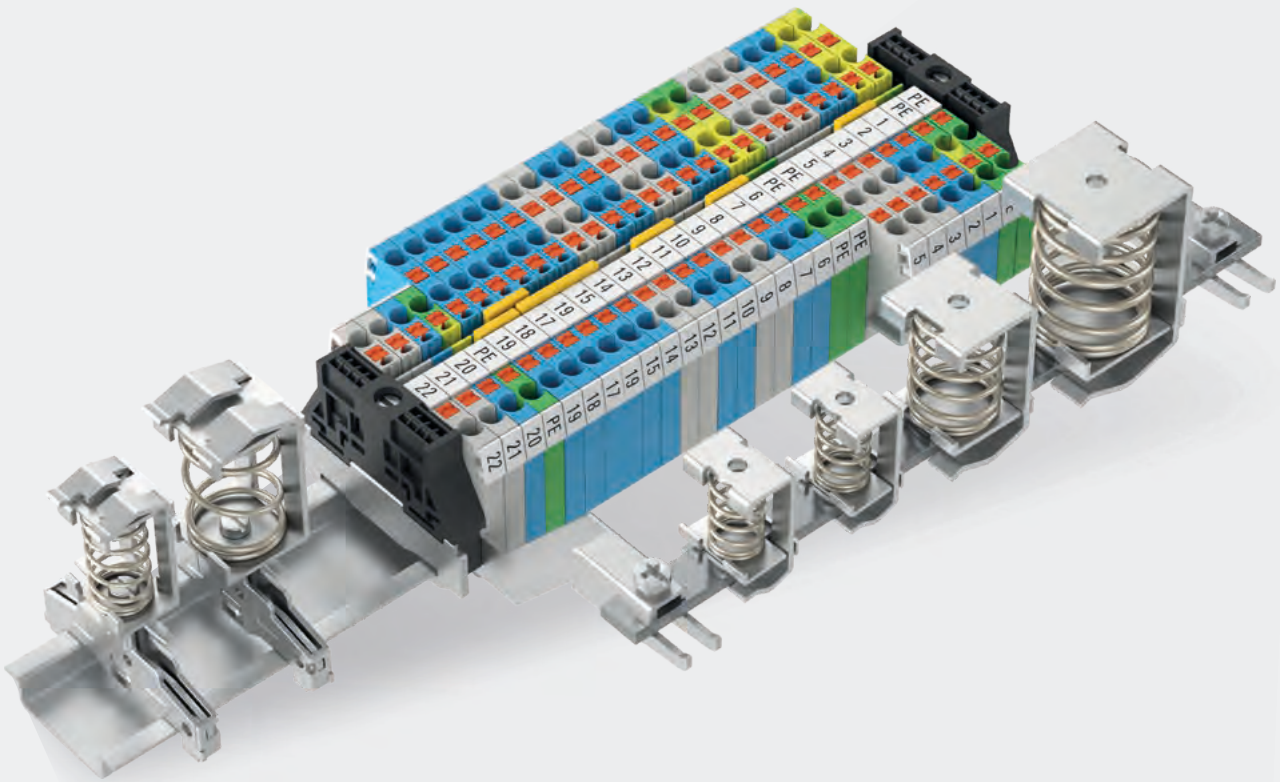


**TOOLS**

# WST – SHIELDED CABLE TERMINAL BLOCKS FOR TROUBLE-FREE OPERATION

High interference immunity is an important topic in industrial and process technology. It is one of the key factors affecting the availability of plants.

For our selos and fasis terminal block series, we offer WST, a system that enables the cable shield to be connected to the housing earth in a simple, practical manner.



- + Simple mounting - also if upgraded, service and maintenance
- + Broad range – up to 32 mm cable diameter
- + Top-quality, maintenance-free technology
- + Vibration-proof spring-type technology
- + Large-area and low impedance connection
- + Highly corrosion resistance
- + Durable clamping body from hardened steel

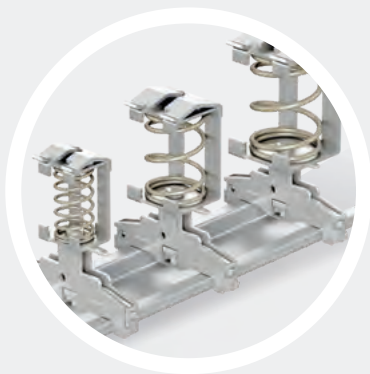


## WST – BUSBAR SUPPORT

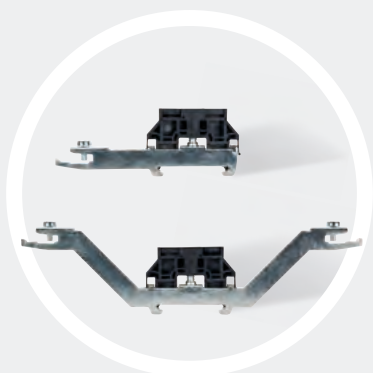


### Various applications

- On busbar
- On rail TS 35



- On C-profile
- With screw for mounting plates



### Various accessories

- Busbar support for TS 35
- Busbar support for insulated mounting



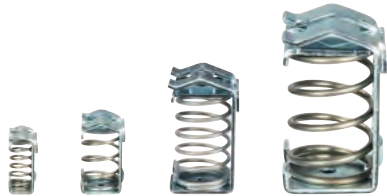
- Connection terminals



# ACCESSORIES · SHIELDED CABLE TERMINALS

## SHIELDED CABLE TERMINALS FASIS WST ...

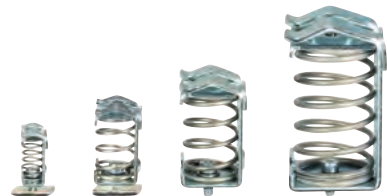
- for mounting on busbar 10 x 3 mm



| Description                    | Type         | Part No.      | Std. Pack    |              |
|--------------------------------|--------------|---------------|--------------|--------------|
| Shielded cable terminals fasis |              |               |              |              |
| 8 mm                           | WST 8        | Z2.803.3010.0 | 10           |              |
| 13.5 mm                        | WST 13,5     | Z2.803.3110.0 | 10           |              |
| 20 mm                          | WST 20       | Z2.803.3210.0 | 10           |              |
| 32 mm                          | WST 32       | Z2.803.3310.0 | 10           |              |
| Technical data                 |              |               |              |              |
|                                | WST 8        | WST 13.5      | WST 20       | WST 32       |
| Width / length / height [mm]   | 13 x 18 x 26 | 19 x 22 x 32  | 24 x 27 x 40 | 36 x 32 x 64 |
| Connectible cable diameter     | 3 - 8 mm     | 4 - 13.5 mm   | 10 - 20 mm   | 15 - 32 mm   |

## SHIELDED CABLE TERMINALS FASIS WST C

- for mounting on C-profile



| Description                     | Type         | Part No.      | Std. Pack     |              |
|---------------------------------|--------------|---------------|---------------|--------------|
| Shielded cable terminals fasis  |              |               |               |              |
| 8 mm                            | WST 8 /C     | Z2.803.4010.0 | 10            |              |
| 13.5 mm                         | WST 13,5 /C  | Z2.803.4110.0 | 10            |              |
| 20 mm                           | WST 20 /C    | Z2.803.4210.0 | 10            |              |
| 32 mm                           | WST 32 /C    | Z2.803.4310.0 | 10            |              |
| Technical data                  | WST 8 / C    | WST 13.5 / C  | WST 20 / C    | WST 32 / C   |
| Width / length / height [mm]    | 13 x 18 x 26 | 19 x 22 x 32  | 24 x 27 x 40  | 36 x 32 x 64 |
| Connectible cable diameter      | 3 - 8 mm     | 4 - 13.5 mm   | 10 - 20 mm    | 15 - 32 mm   |
| Mounting screw                  | M 4          | M 4           | M 4           | M 4          |
| Accessories                     |              |               |               |              |
| Mounting rail, galvanized steel | L = 2 m      |               | 98.400.0000.0 | 1            |
| Mounting feet                   | light gray   |               | Z1.980.0040.0 | 10           |

## SHIELDED CABLE TERMINALS FASIS WST D

- for mounting on mounting plate



| Description                    | Type         | Part No.      | Std. Pack    |              |
|--------------------------------|--------------|---------------|--------------|--------------|
| Shielded cable terminals fasis |              |               |              |              |
| 8 mm                           | WST 8 / D    | Z2.803.5010.0 | 10           |              |
| 13.5 mm                        | WST 13,5 / D | Z2.803.5110.0 | 10           |              |
| 20 mm                          | WST 20 / D   | Z2.803.5210.0 | 10           |              |
| 32 mm                          | WST 32 / D   | Z2.803.5310.0 | 10           |              |
| Technical data                 | WST 8 / D    | WST 13.5 / D  | WST 20 / D   | WST 32 / D   |
| Width / length / height [mm]   | 13 x 18 x 26 | 19 x 22 x 32  | 24 x 27 x 40 | 36 x 32 x 64 |
| Connectible cable diameter     | 3 - 8 mm     | 4 - 13.5 mm   | 10 - 20 mm   | 15 - 32 mm   |
| Mounting screw                 | M 4          | M 4           | M 4          | M 4          |

## SHIELDED CABLE TERMINALS FASIS WST .../T35

- for mounting on TS 35 mounting rail



| Description                           | Type             | Part No.      | Std. Pack    |
|---------------------------------------|------------------|---------------|--------------|
| <b>Shielded cable terminals fasis</b> |                  |               |              |
| 8 mm                                  | WST 8 / TS 35    | Z2.803.6010.0 | 10           |
| 13.5 mm                               | WST 13,5 / TS 35 | Z2.803.6110.0 | 10           |
| 20 mm                                 | WST 20 / TS 35   | Z2.803.6210.0 | 10           |
| <b>Technical data</b>                 |                  |               |              |
| Width / length / height [mm]          | WST 8            | WST 13.5      | WST 20       |
|                                       | 13 x 52 x 54     | 19 x 52 x 60  | 24 x 52 x 68 |
| Connectible cable diameter            | 3 - 8 mm         | 4 - 13.5 mm   | 10 - 20 mm   |

# ACCESSORIES · BUSBAR SUPPORT

## BUSBAR SUPPORT



| Description                                  | Type       | Part No.      | Std. Pack |
|----------------------------------------------|------------|---------------|-----------|
| <b>Busbar support</b>                        |            |               |           |
| Busbar support (one-side), tin-plated steel  | WE SH 1/35 | Z5.515.3310.0 | 20        |
| Busbar support (two-sided), tin-plated steel | WE SH 2/35 | Z5.515.3410.0 | 20        |
| Busbar support (two-sided), tin-plated steel | WE SH 3/35 | Z5.519.0310.0 | 25        |
| Busbar support (one-side), tin-plated steel  | WE SH 4/35 | Z5.519.0410.0 | 25        |
| Busbar support plastic, black                | WST H 10x3 | Z1.980.0253.0 | 20        |

## ACCESSORIES



| Description                  | Type                  | Part No.      | Std. Pack |
|------------------------------|-----------------------|---------------|-----------|
| <b>Accessories</b>           |                       |               |           |
| Ground Terminal, bright      | WAK 35/2              | 30.494.4121.0 | 50        |
| Ground Terminal, black       | WAK 35/2 SW           | 30.494.4021.1 | 50        |
| Busbar, Cu tin-plated copper | L = 1 m 9813M SN 10x3 | 98.290.1000.0 | 20        |



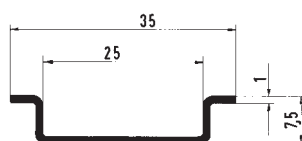
# ACCESSORIES · MOUNTING RAILS

## MOUNTING RAIL 35X7,5 ACCORDING TO DIN EN 60715

- Length 2 m



| Description                              | Type      | Part No.                      | Std. Pack     |
|------------------------------------------|-----------|-------------------------------|---------------|
| Steel, galv. zinc-plated and dichromated | unslotted | 35 x 27 x 7,5 EN 60715 2000mm | 98.300.0000.0 |
| Steel, galv. zinc-plated and dichromated | slotted   | 35 x 27 x 7,5 EN 60715 2000mm | 98.300.1000.0 |
| Steel, unplated                          | unslotted | 35 x 27 x 7,5 EN 60715 2000mm | 98.300.0010.0 |

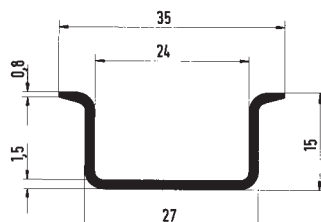


## MOUNTING RAIL 35X15 ACCORDING TO DIN EN 60715

- Length 1 m/2 m

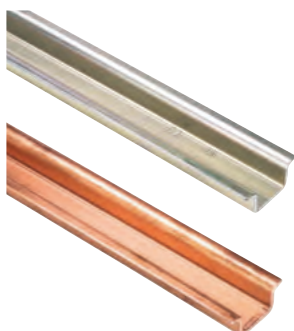


| Description                              | Type      | Part No.                     | Std. Pack     |
|------------------------------------------|-----------|------------------------------|---------------|
| Steel, galv. zinc-plated and dichromated | unslotted | 35 x 27 x 15 EN 60715 2000mm | 98.370.0000.0 |
| Steel, galv. zinc-plated and dichromated | slotted   | 35 x 27 x 15 EN 60715 2000mm | 98.370.1000.0 |
| Steel, galv. zinc-plated and dichromated | slotted   | 35 x 27 x 15 EN 60715 1000mm | 98.375.1000.0 |
| Steel, stainless steel                   | slotted   | 35 x 27 x 15 EN 60715 2000mm | 98.370.1001.0 |

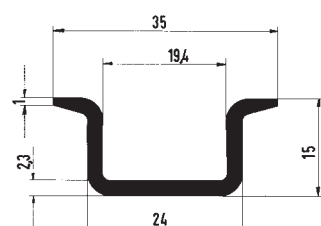


## MOUNTING RAIL 35X15 ACCORDING TO DIN EN 60715

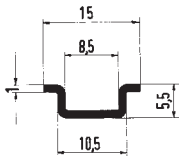
- Length 2 m



| Description                              | Type      | Part No.                        | Std. Pack     |
|------------------------------------------|-----------|---------------------------------|---------------|
| Steel, galv. zinc-plated and dichromated | unslotted | 35 x 24 x 15 EN 60715 2000mm    | 98.360.0000.0 |
| Steel, hot-galvanized                    | unslotted | 35 x 24 x 15 EN 60715 ZN 2000mm | 98.360.0004.0 |
| E-copper                                 | unslotted | 35 x 24 x 15 EN 60715 CU 2000mm | 98.380.0000.0 |

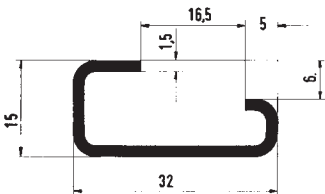
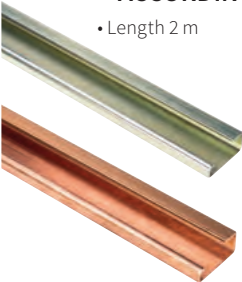


**MOUNTING RAIL 15X5,5**  
**ACCORDING TO DIN EN 60715**  
 • Length 1 m/2 m



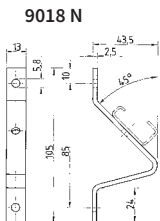
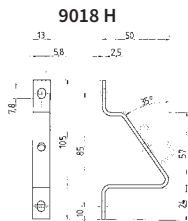
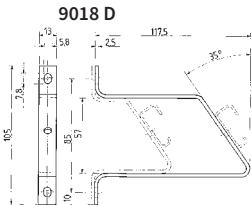
| Description                              | Type      |                                 | Part No.      | Std. Pack |
|------------------------------------------|-----------|---------------------------------|---------------|-----------|
| Steel, galv. zinc-plated and dichromated | unslotted | 9021 / 15 x 5,5 EN 60715 2000mm | 98.090.0015.0 | 10        |
| Steel, galv. zinc-plated and dichromated | slotted   | 9021 / 15 x 5,5 EN 60715 1000mm | 98.090.0000.0 | 1         |

**MOUNTING RAIL 32**  
**ACCORDING TO DIN EN 60715**  
 • Length 2 m



| Description                              | Type      |                           | Part No.      | Std. Pack |
|------------------------------------------|-----------|---------------------------|---------------|-----------|
| Steel, galv. zinc-plated and dichromated | unslotted | 9006 EN 60715 G-32 2000mm | 98.190.0000.0 | 1         |
| Steel, galv. zinc-plated and dichromated | slotted   | 9006 EN 60715 G-32 2000mm | 98.190.1000.0 | 1         |
| E-copper                                 | unslotted | 9006 E-CU 2000mm          | 98.220.0000.0 | 10        |
| Aluminium                                | unslotted | 9006 AL 2000mm            | 98.210.0000.0 | 1         |

**ACCESSORIES**



| ACCESSORIES                                   | Type   | Part No.      | Std. Pack |
|-----------------------------------------------|--------|---------------|-----------|
| Angled support bracket with mounting material | 9018 D | Z5.516.2511.0 | 50        |
| Angled support bracket with mounting material | 9018 H | Z5.516.2711.0 | 50        |
| Angled support bracket with mounting material | 9018 N | Z5.516.2811.0 | 50        |



# ACCESSORIES · END CLAMPS

## END CLAMP FOR TS 35 SNAP-ON MOUNTING



| Description     | Type                | Part No.      | Std. Pack |
|-----------------|---------------------|---------------|-----------|
| End clamp TS 35 | 5 mm wide WEF 2 /35 | Z5.523.9453.0 | 100       |

## END CLAMP FOR TS 35 SNAP-ON MOUNTING



| Description                             | Type                      | Part No.      | Std. Pack |
|-----------------------------------------|---------------------------|---------------|-----------|
| End clamp TS 35                         | 8 mm wide WEF 1 /35       | Z5.523.9353.0 | 100       |
| End clamp TS 35 with marking facilities | 17,5 mm wide WEF 1 BS /35 | 69.920.1053.0 | 100       |
| End clamp TS 35 with marking facilities | 8 mm wide WEF 1 BSS /35   | 69.920.1253.0 | 100       |
| ACCESSORIES                             | Type                      | Part No.      | Std. Pack |
| Marking tag for WEF 1 /35               | wide BS/R                 | Z4.243.8453.0 | 100       |
| Marking cardboard in perforated sheets  | 100 tags/sh.              | 04.019.0289.0 | 10        |
| Marking tag for WEF 1 /35               | small                     | 04.243.8550.0 | 10        |
| Marking cardboard in perforated sheets  | small                     | 04.019.1189.0 | 10        |



## END CLAMP FOR TS 35 SCREW MOUNTING



| Description                             | Type                      | Part No.      | Std. Pack |
|-----------------------------------------|---------------------------|---------------|-----------|
| End clamp TS 35                         | 8 mm wide 9708/2 S 35     | Z5.522.8553.0 | 100       |
| End clamp TS 35 with marking facilities | 17,5 mm wide 9708/2 BS 35 | 69.920.0553.0 | 100       |
| ACCESSORIES                             | Type                      | Part No.      | Std. Pack |
| Marking cardboard in perforated sheets  | 100 tags/sh.              | 04.019.0289.0 | 10        |



# ACCESSORIES · END BRACKETS / BUSBAR SUPPORT

## END CLAMP WITH WITH U-FOOT SCREW MOUNTING



| Description                                   | Type                    | Part No.      | Std. Pack |
|-----------------------------------------------|-------------------------|---------------|-----------|
| End clamp with U-foot                         | 10 mm wide WE 1 /U      | Z5.523.5753.0 | 100       |
| End clamp with U-foot with marking facilities | 17,5 mm wide WE 2 BS /U | 69.920.0653.0 | 100       |

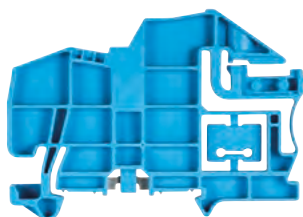
| ACCESSORIES                            | Type         | Part No.      | Std. Pack |
|----------------------------------------|--------------|---------------|-----------|
| Marking cardboard in perforated sheets | 100 tags/sh. | 04.019.0289.0 | 10        |

## END CLAMP FOR TS 15 SCREW MOUNTING



| Description        | Type                  | Part No.      | Std. Pack |
|--------------------|-----------------------|---------------|-----------|
| End clamp, plastic | 7,5 mm wide 9208 S 15 | Z5.522.7553.0 | 100       |
| End clamp, steel   | 5 mm wide 9222 S 15   | Z5.522.5010.0 | 100       |

## BUSBAR SUPPORT FOR N-BUSBAR FASTENING, SCREWLESS



| Description                | Type                     | Part No.      | Std. Pack |
|----------------------------|--------------------------|---------------|-----------|
| End bracket/busbar support | 8 mm wide WKIF SH/E/35 * | Z1.108.8453.0 | 100       |

| ACCESSORIES                  | Type      | Part No.      | Std. Pack |
|------------------------------|-----------|---------------|-----------|
| Marking tag for WKIF SH/E/35 | Wide BS/R | Z4.243.8453.0 | 100       |
| Label carton in perf. sheets | Wide      | 04.019.0289.0 | 10        |
| Marking tag                  | Narrow    | 04.243.8550.0 | 10        |
| Label carton in perf. sheets | Narrow    | 04.019.1189.0 | 10        |

\* Distance between WKIF SH and WKIF SH max. 200 mm

| Description                               | Type                 | Part No.      | Std. Pack |
|-------------------------------------------|----------------------|---------------|-----------|
| Busbar support                            | 2 mm wide WKIF SH/35 | 01.108.7653.0 | 10        |
| Fits installation terminals WKIF and WKIS |                      |               |           |



# WIEPRINT – THE PRINTER FOR ALL CURRENT MARKING SYSTEMS

Individual marking – at Wieland, that means wieprint, is a high performance marking system with which you can professionally create labels, from individual marking tags to serial marking, for your strip terminals.

But wieprint offers still more! In addition to marking tags for series terminals, you can also print stickers, labels, or cable markings for all applications in the control cabinet.



- + Extremely versatile use
- + Prints marking tags efficiently and individually
- + Simple operation

## WIEPRINT – ACCESSORIES



### EXTREMELY VERSATILE USE

- For all Wieland series terminals
- For many other brands
- For identifying cables, switching elements, pushbuttons and many other control cabinet components



### SIMPLE OPERATION

- High performance marking software
- Operation via software interface or directly on device
- Integrated LCD display
- Easy to maintain – just change the printing ribbons



### PRINTS MARKING TAGS EFFICIENTLY AND INDIVIDUALLY

- Thermal transfer print for high quality, durable marking
- High print speed – up to 8500 tags/hour
- Automatic operation, including magazine, possible

# ACCESSORIES · THERMAL TRANSFER PRINTER

## THERMAL TRANSFER PRINTER WIEPRINT



| Description      | Typ      | Part No.      | Std. Pack |
|------------------|----------|---------------|-----------|
| Complete package | wieprint | 95.503.0000.0 | 1         |

**Scope of delivery:** Thermal transfer printer wieprint, 1 x power supply cable, 1 x USB 2.0 cable, 1 x printer ribbon black, 1 x cleaning ribbon, 1 x holding plate, Reihenklemmen P0'

**Description:** wieprint the printer system for marking DIN rail terminal blocks and other marking tags in the control cabinet.

Software and manual available at: [www.wieland-electric.com/en/service](http://www.wieland-electric.com/en/service)

### TECHNICAL DATA

|                  |                                        |
|------------------|----------------------------------------|
| Printing method  | Thermo transfer                        |
| Operating modes  | Automatic, semi-automatic, manual feed |
| Resolution       | 300 dpi                                |
| Dimensions       | 423 x 240 x 208 mm                     |
| Weight           | 9.5 kg                                 |
| Fonts            | Windows True Type                      |
| Graphics formats | .gif, .jpg, .jpeg, .bmp, .wmf          |
| Printing speed   | up to 60 mm/s                          |
| Interface        | USB 2.0                                |
| Voltage          | 100V to 240V AC, 50/60Hz               |
| Power, max.      | 135 W                                  |

## ACCESSORIES FOR THERMAL TRANSFER PRINTERS WIEPRINT



| Description                                               | Typ            | Part No.      | Std. Pack |
|-----------------------------------------------------------|----------------|---------------|-----------|
| <b>Accessories for thermal transfer printers wieprint</b> |                |               |           |
| Printer ribbon black (l = 130 m)                          | wieprint FB sw | 95.503.0010.1 | 3         |
| Printer ribbon red (l = 130 m)                            | wieprint FB rt | 95.503.0010.5 | 3         |
| Cleaning ribbon (l = 8 m)                                 | wieprint RB    | 95.503.0012.0 | 1         |
| Cleaning roll                                             | wieprint RR    | 95.503.0013.0 | 1         |
| Holding plate wire/cable marking, directly printable      | wieprint P3    | 95.503.0014.0 | 1         |
| Magazine for automatic mode                               | wieprint MAG   | 95.503.0005.0 | 1         |
| Holding plate wire marking / Marking sleeves              | wieprint P1    | 95.503.0006.0 | 1         |
| Support base for printing system                          | wieprint SB    | 95.503.0004.0 | 1         |



# ACCESSORIES · MARKING OF DIN RAIL TERMINAL BLOCKS

## MARKING TAGS FOR DIN RAIL TERMINAL BLOCKS



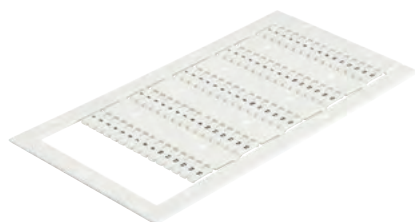
| Description                                         | Typ                  |              | Part No.           | Std. Pack    |
|-----------------------------------------------------|----------------------|--------------|--------------------|--------------|
| Marking tags for DIN rail terminal blocks, unmarked |                      |              |                    |              |
| Size 3.5 x 9.1 mm                                   | WMP 3,5 SI2KTB3590DW |              | 04.403.0056.0      | 12           |
| Size 5.0 x 8.5 mm                                   | WMP 5 SI2KTB5085DW   |              | 04.405.0056.0      | 12           |
| Size 6.0 x 8.5 mm                                   | WMP 6 SI2KTB6085DW   |              | 04.406.0056.0      | 12           |
| Size 6.0 x 10 mm                                    | WMP 6 SI2KTB6010DW   |              | 04.406.0156.0      | 12           |
| Size 8.0 x 8.5 mm                                   | WMP 8 SI2KTB8085DW   |              | 04.408.0056.0      | 12           |
| TECHNICAL DATA                                      | 3,5 x 9,1 mm         | 5.0 x 8.5 mm | 6.0 x 8.5 mm/10 mm | 8.0 x 8.5 mm |
| Width mm                                            | 3.5                  | 5 and 10     | 6 and 12           | 8 and 16     |
| Number of tags / plate                              | 75                   | 45           | 45                 | 25           |
| Packing unit plates / box                           | 12                   | 12           | 12                 | 12           |

## MARKING STRIPS FOR DIN RAIL TERMINAL BLOCKS



| Description                                        | Typ                  | Part No.      | Std. Pack |
|----------------------------------------------------|----------------------|---------------|-----------|
| <b>Marking strips for DIN rail terminal blocks</b> |                      |               |           |
| for series WTP 1.5                                 | WMP 3,5 S-SI2K09105W | 04.400.0281.2 | 20        |
| for series WKF 1.5                                 | WMS SI2K06130W       | 04.400.0081.2 | 20        |
| <b>TECHNICAL DATA</b>                              |                      |               |           |
| Number of strips / plate                           | 3                    |               |           |
| Packing unit plates / box                          | 20                   |               |           |

## MARKING TAGS FOR DIN RAIL TERMINAL BLOCKS WEIDMÜLLER / WAGO



| Description                                                                   | Typ               | Part No.      | Std. Pack |
|-------------------------------------------------------------------------------|-------------------|---------------|-----------|
| <b>Marking tags for DIN rail terminal blocks, unmarked, Weidmüller / Wago</b> |                   |               |           |
| Size 5 x 10 mm                                                                | WMP SI2KTB5010LWK | 04.405.1056.0 | 12        |
| <b>TECHNICAL DATA</b>                                                         |                   |               |           |
| Number of tags / plate                                                        | 45                |               |           |
| Packing unit plates / box                                                     | 12                |               |           |

## MARKING TAGS FOR DIN RAIL TERMINAL BLOCKS PHOENIX CONTACT



| Description                                                                 | Typ              | Part No.      | Std. Pack |
|-----------------------------------------------------------------------------|------------------|---------------|-----------|
| <b>Marking tags for DIN rail terminal blocks, unmarked, Phoenix Contact</b> |                  |               |           |
| Size 5 x 9 mm                                                               | WMP SI2KTB5209EW | 04.405.1156.0 | 12        |
| Size 5 x 10 mm                                                              | WMP SI2KTB5210CW | 04.405.1256.0 | 12        |
| <b>TECHNICAL DATA</b>                                                       |                  |               |           |
| Number of tags / plate                                                      | 45               |               |           |
| Packing unit plates / box                                                   | 12               |               |           |



# ACCESSORIES · MARKING FOR WIRES

## MARKING SLEEVES



| Description                      | Typ        | Part No.      | Std. Pack |
|----------------------------------|------------|---------------|-----------|
| <b>Marking sleeves, push-fit</b> |            |               |           |
| Wire diameters 1.5 – 2.5 mm      | WMS 201/15 | 04.410.0181.0 | 1000      |
| Wire diameters 2 – 4 mm          | WMS 202/15 | 04.410.0281.0 | 1000      |
| Wire diameters 4 – 7 mm          | WMS 203/15 | 04.410.0381.0 | 500       |
| Wire diameters 6 – 10 mm         | WMS 204/15 | 04.410.0481.0 | 500       |
| Wire diameters 8 – 14 mm         | WMS 205/15 | 04.410.0581.0 | 200       |
| <b>Marking sleeves, snap-on</b>  |            |               |           |
| Wire diameters 2 – 3.5 mm        | WMS 301/15 | 04.410.0681.0 | 1000      |
| Wire diameters 2.8 – 5 mm        | WMS 302/15 | 04.410.0781.0 | 1000      |
| Wire diameters 5 – 8 mm          | WMS 303/15 | 04.410.0881.0 | 500       |
| Wire diameters 8 – 10 mm         | WMS 304/15 | 04.410.0981.0 | 500       |
| <b>Technical data</b>            |            |               |           |
| Material                         | PVC        |               |           |
| Color                            |            | transparent   |           |
| Length mm                        | 15         |               |           |

## MARKING TAGS FOR WIRE MARKERS, UNMARKED



| Description                                    | Typ             | Part No.      | Std. Pack |
|------------------------------------------------|-----------------|---------------|-----------|
| <b>Marking tags for wire markers, unmarked</b> |                 |               |           |
| Size 15 x 4 mm, color white                    | WMS Si2K02W/15N | 04.410.1081.2 | 32        |
| Size 15 x 4 mm, color yellow                   | WMS Si2K02Y/15N | 04.410.1081.8 | 32        |
| <b>TECHNICAL DATA</b>                          |                 |               |           |
| Material                                       | PC / ABS        |               |           |
| Number of tags / plate                         | 24              |               |           |
| Packing unit plates / box                      | 32              |               |           |

## WIRE MARKERS



| Description                             | Typ              | Part No.      | Std. Pack |
|-----------------------------------------|------------------|---------------|-----------|
| <b>Wire markers, directly printable</b> |                  |               |           |
| Wire diameters 1 – 3.8 mm               | WMS Si2KTM02W/10 | 04.410.1281.2 | 22        |
| <b>TECHNICAL DATA</b>                   |                  |               |           |
| Color                                   | white            |               |           |
| Material                                | PC               |               |           |
| Length mm                               | 10               |               |           |
| Number of tags / plate                  | 33               |               |           |
| Packing unit plates / box               | 22               |               |           |

# ACCESSORIES · MARKING FOR CABLES

## CABLE MARKING



| Description                                        | Typ             | Part No.      | Std. Pack |
|----------------------------------------------------|-----------------|---------------|-----------|
| <b>Cable marking, unmarked</b>                     |                 |               |           |
| Size: 15 x 80 mm, directly printable, color yellow | WMS SI2KCT1580Y | 04.410.1481.8 | 15        |
| <b>TECHNICAL DATA</b>                              |                 |               |           |
| Material                                           | PVC             |               |           |
| Number of tags / plate                             | 12              |               |           |
| Packing unit plates / box                          | 15              |               |           |

## MARKING SLEEVES



| Description                        | Typ             | Part No.      | Std. Pack |
|------------------------------------|-----------------|---------------|-----------|
| <b>Marking sleeves</b>             |                 |               |           |
| Size 7 x 46 mm, color transparent  | WMS SIT0003X050 | 04.410.1581.0 | 224       |
| Size 15 x 67 mm, color transparent | WMS SIT0004X070 | 04.410.1781.0 | 96        |
| Size 9 x 20 mm, color transparent  | WMS SI1001      | 04.410.1981.0 | 240       |
| <b>TECHNICAL DATA</b>              |                 |               |           |
| Material                           | PVC             |               |           |

## MARKING TAGS



| Description                             | Typ              | Part No.          | Std. Pack        |
|-----------------------------------------|------------------|-------------------|------------------|
| <b>Marking tags for marking sleeves</b> |                  |                   |                  |
| Size 7 x 46, color white                | WMS SI2K0746W    | 04.410.1681.2     | 40               |
| Size 15 x 67, color white               | WMS SI2K1567W    | 04.410.1881.2     | 25               |
| Size 9 x 20 mm, color white             | WMS SI2K1001W    | 04.410.2081.2     | 40               |
| Size 9 x 20 mm, color yellow            | WMS SI2K1001Y    | 04.410.2081.8     | 40               |
| <b>TECHNICAL DATA</b>                   |                  |                   |                  |
|                                         | <b>7 x 46 mm</b> | <b>15 x 67 mm</b> | <b>9 x 20 mm</b> |
| Material                                | PVC              |                   |                  |
| Number of tags / plate                  | 28               | 4                 | 60               |
| Packing unit plates / box               | 40               | 25                | 40               |



# ACCESSORIES · MARKING FOR DEVICES

## MARKING TAGS



| Description                  | Typ              |                  |                  | Part No.         | Std. Pack         |
|------------------------------|------------------|------------------|------------------|------------------|-------------------|
| <b>Marking tags, blank</b>   |                  |                  |                  |                  |                   |
| Size 7 x 20 mm, color white  | WMS SI2K40720W   |                  |                  | 04.420.0181.2    | 25                |
| Size 7 x 20 mm, color yellow | WMS SI2K40720Y   |                  |                  | 04.420.0181.8    | 25                |
| Size 8 x 17 mm, color white  | WMS SI2K40817W   |                  |                  | 04.420.0381.2    | 25                |
| Size 9 x 20 mm, color white  | WMS SI2K40920W   |                  |                  | 04.420.0481.2    | 25                |
| Size 9 x 35 mm, color white  | WMS SI2K40935W   |                  |                  | 04.420.0581.2    | 25                |
| Size 10 x 25 mm, color white | WMS SI2K41025W   |                  |                  | 04.420.0681.2    | 20                |
| <b>TECHNICAL DATA</b>        |                  |                  |                  |                  |                   |
|                              | <b>7 x 20 mm</b> | <b>8 x 17 mm</b> | <b>9 x 20 mm</b> | <b>9 x 35 mm</b> | <b>10 x 25 mm</b> |
| Material                     | PVC              |                  |                  |                  |                   |
| Number of tags / plate       | 70               | 77               | 60               | 36               | 30                |
| Packing unit plates / box    | 25               | 25               | 25               | 25               | 20                |

## MARKING ADHESIVE LABEL



| Description                      | Typ             | Part No.      | Std. Pack |            |
|----------------------------------|-----------------|---------------|-----------|------------|
| Marking adhesive label, unmarked |                 |               |           |            |
| Size 6 x 15 mm, color white      | WMS SI2KFX0615W | 04.420.1581.2 | 52        |            |
| Size 6 x 15 mm, color yellow     | WMS SI2KFX0615Y | 04.420.1581.8 | 52        |            |
| Size 7 x 20 mm, color white      | WMS SI2KFX0720W | 04.420.1681.2 | 50        |            |
| Size 7 x 20 mm, color yellow     | WMS SI2KFX0720Y | 04.420.1681.8 | 50        |            |
| Size 9 x 15 mm, color white      | WMS SI2KFX0915W | 04.420.1781.2 | 45        |            |
| Size 9 x 15 mm, color yellow     | WMS SI2KFX0915Y | 04.420.1781.8 | 45        |            |
| Size 22 x 22 mm, color white     | WMS SI2KFX2222W | 04.420.1881.2 | 50        |            |
| TECHNICAL DATA                   |                 |               |           |            |
|                                  | 6 x 15 mm       | 7 x 20 mm     | 9 x 15 mm | 22 x 22 mm |
| Material                         | Vinyl           |               |           |            |
| Number of tags / plate           | 117             | 70            | 78        | 16         |
| Packing unit plates / box        | 52              | 50            | 45        | 50         |

# ACCESSORIES · MARKING FOR CONTROL CABINET AND BUTTONS

## TYPE PLATES FOR CONTROL CABINET



| Description                       | Typ             | Part No.      | Std. Pack |
|-----------------------------------|-----------------|---------------|-----------|
| <b>Type plates, PVC, unmarked</b> |                 |               |           |
| Size 30 x 70 mm, color white      | WMS SI2K43070W  | 04.420.0781.2 | 20        |
| Size 30 x 70 mm, color metallic   | WMS SI2K43070M  | 04.420.0781.0 | 20        |
| Size 30 x 70 mm, color yellow     | WMS SI2K43070Y  | 04.420.0781.8 | 20        |
| Size 60 x 100 mm, color white     | WMS SI2K460100W | 04.420.1081.2 | 15        |
| Size 60 x 100 mm, color metallic  | WMS SI2K460100M | 04.420.1081.0 | 15        |
| Size 60 x 100 mm, color yellow    | WMS SI2K460100Y | 04.420.1081.8 | 15        |
| <b>TECHNICAL DATA</b>             |                 |               |           |
| Material                          | PVC             |               |           |
| Number of tags / plate            | 1               |               |           |

## MARKING FOR TYPE PLATES

- holder for marking tags
- marking tag



| Description                    | Typ           | Part No.      | Std. Pack |
|--------------------------------|---------------|---------------|-----------|
| <b>Marking for type plates</b> |               |               |           |
| Holder for marking tags        | WMS SIT0B05   | 04.420.1381.0 | 192       |
| Marking tag size 15 x 27 mm    | WMS SI2K1527W | 04.420.1481.2 | 11        |
| <b>TECHNICAL DATA</b>          |               |               |           |
| Material                       | PVC           |               |           |
| Number of tags / plate         | 18            |               |           |
| Packing unit plates / box      | 11            |               |           |

## MARKING TAG

- for button
- adhesive label



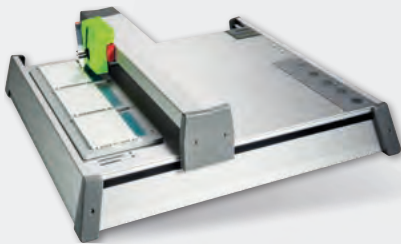
| Description                                    | Typ            | Part No.      | Std. Pack |
|------------------------------------------------|----------------|---------------|-----------|
| <b>Marking tag for the button</b>              |                |               |           |
| adhesive label size 15 x 27 mm, color white    | WMS SI2K41527W | 04.420.1281.2 | 11        |
| adhesive label size 15 x 27 mm, color metallic | WMS SI2K41527M | 04.420.1281.0 | 11        |
| <b>TECHNICAL DATA</b>                          |                |               |           |
| Material                                       | PVC / ACR      |               |           |
| Number of tags / plate                         | 18             |               |           |
| Packing unit plates / box                      | 11             |               |           |





# WIEPLOT – THE POWERFUL MARKING SYSTEM

Together with the wieplot plotter you have a powerful marking system that enables you to work professionally from the individual marking tag to series marking of your terminal block assemblies. You feel confident with the system due to its easy handling and visual representation of your marking, even when you use it for the first time. But wieplot offers even more! In addition to the marking tags for DIN rail terminal blocks you can also print self-adhesive tags and labels or cable markings. A slight modification can even make your plotter a powerful engraving system.



## UNIVERSAL MARKING WITH WIEPLOT

- Marks all common marking systems available for DIN rail terminal blocks
- Different marking tags can be marked individually in one single work step
- Marking of labels, self-adhesive tags and cables is possible



## DURABLE AND SAFE MARKING WITH ENGRAVING SYSTEM WIEPLOT

- Easy modification to wieplot to make it an engraving system
- Engraving of multi-layer plastic boards
- Clean and dust-proof operation due to integrated vacuum device
- Create individual layouts

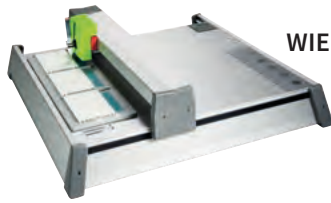


## THE INTUITIVE LABELLING SOFTWARE: EASY AND QUICK TO CONFIGURE

- Simple and intuitive user interface
- Direct graphical display of the marking tags including plausibility check
- Customized layouts can be created individually
- Data import from CAD, Excel, text or wieplan

# ACCESSORIES · THE PLOTTER SYSTEM WIEPLOT + WIEPLOT BASIC

## PLOTTER SYSTEM



WIEPLOT BASIC

| Description      | Type          | Part No.      | Std. Pack |
|------------------|---------------|---------------|-----------|
| Complete package | wieplot BASIC | 95.502.0607.0 | 1         |
| Complete package | wieplot       | 95.502.0604.0 | 1         |

**Contents:** Plotter wieplot, data cable and manual, 4 receptacles (wieplot) / 2 receptacles (wieplot BASIC) for WSB (Wieland standard marking system), accessories kit, software

### TECHNICAL DATA

|                                    |                                           |
|------------------------------------|-------------------------------------------|
| Resolution                         | 0.01 mm                                   |
| Accuracy                           | + / - 0.05 mm                             |
| Power supply unit                  | 50 / 60 Hz, 100 - 240 V                   |
| Output voltage                     | 24 V DC 1.4 A                             |
| Current input                      | app. 0.3 A at 220 V                       |
| Approval                           | UL-UL1950, CSA 950, VDE EN 60950          |
| Radio interf. suppr.               | FCC class B, FCC sect. 15 and VDE class B |
| Dimension / Weight – wieplot BASIC | 440 mm x 440 mm x 125 mm / 6 kg           |
| Dimension / Weight – wieplot       | 660 mm x 440 mm x 125 mm / 8 kg           |
| Interfaces                         | USB Level 1.1, parallel                   |

## ACCESSORIES FOR WIEPLOT



| Plotter pens for wieplot        | Part No.      | Type                      | Part No.      |
|---------------------------------|---------------|---------------------------|---------------|
| Plotter pen 0.18 mm             | 95.502.0118.0 | Ink cartridge P2.0, 5x1ml | 95.502.0199.0 |
| Plotter pen 0.25 mm             | 95.502.0125.0 | Cleaning set              | 95.502.0198.0 |
| Plotter pen 0.35 mm             | 95.502.0135.0 | Pen cleaner               | 95.502.0197.0 |
| Plotter pen 0.50 mm             | 95.502.0150.0 | Dust protection hood      | 95.502.0612.0 |
| Plotter pen 0.70 mm             | 95.502.0170.0 | Service kit – pen station | 95.502.0613.0 |
| Plotter pen 1.00 mm             | 95.502.0100.0 | Seal inserts kit          |               |
| Dispos plotter pen 0.25 mm      | 95.502.0125.1 |                           |               |
| Dispos plotter pen 0.35 mm      | 95.502.0135.1 |                           |               |
| Dispos plotter pen-D ED 0.25 mm | 95.502.0225.1 |                           |               |
| Dispos plotter pen-D ED 0.35 mm | 95.502.0235.1 |                           |               |

| Receptacles for marking plates |               |
|--------------------------------|---------------|
| Type                           | Part No.      |
| Receptacle for WSB             | 95.502.0620.0 |
| Receptacle for BZ/WKF 15,      | 95.502.0627.0 |
| Receptacle for BZ/WKF 1,5/10   | 95.502.0628.0 |

## ENGRAVING UNIT FOR WIEPLOT



| Description    | Type           | Part No.      | Std. Pack |
|----------------|----------------|---------------|-----------|
| Engraving unit | wieplot E-UNIT | 95.502.0700.0 | 1         |

**Contents:** Engraving spindle, engraving head (with fuse and counter bearing), control unit wieplot VEC, vacuum cleaner wieplot VC, connection cables

### Description:

The system is set up for engraving multi-layer plastic tags. The Plotboard A4 in a 297 x 202 mm format is the receptacle for marking paper sheets and labels and also enables engraving of plastic boards.

| ACCESSORIES          | Type          | Part No.      | Std. Pack |
|----------------------|---------------|---------------|-----------|
| Graver SET, complete | SET           | 95.502.0710.0 | 1         |
| Graver               | 0.2 mm        | 95.502.0710.2 | 1         |
| Graver               | 0.3 mm        | 95.502.0710.3 | 1         |
| Graver               | 0.4 mm        | 95.502.0710.4 | 1         |
| Graver               | 0.5 mm        | 95.502.0710.5 | 1         |
| Graver               | 0.7 mm        | 95.502.0710.7 | 1         |
| Graver               | 1.0 mm        | 95.502.0711.0 | 1         |
| Receptacle           | Plottboard A4 | 95.502.0625.0 | 1         |

## MARKING PLATES

• For wieplot



| Description       | Type               | Part No.             | Std. Pack     |
|-------------------|--------------------|----------------------|---------------|
| <b>Unmarked</b>   |                    |                      |               |
| Width 3.5 x 9 mm* | 120 tags per plate | WMP 3,5 S-SI2K09105W | 04.400.0281.2 |
| Width 4 x 5 mm    | 100 tags per plate | 9705 4/10/10         | 24.243.2053.0 |
| Width 5 x 8.3 mm  | 110 tags per plate | 9705 A/5/10/11       | 24.242.5053.0 |
| Width 5 x 14 mm   | 60 tags per plate  | 9705 AL/5/10/6       | 24.242.5153.0 |
| Width 6 x 8.3 mm  | 110 tags per plate | 9705 A/6/10/11       | 24.242.6053.0 |
| Width 6 x 14 mm   | 60 tags per plate  | 9705 AL/6/10/6       | 24.242.6353.0 |
| Width 8 x 8.3 mm  | 70 tags per plate  | 9705 A/8/10/7        | 24.242.8053.0 |

\* Receptacle plate on request

# ACCESSORIES · MARKING ACCESSORIES

## SINGLE MARKING TAG

### ALL BLOCKS/ 5 MM WIDE AND LARGER

<sup>\*)</sup> Custom marking upon request

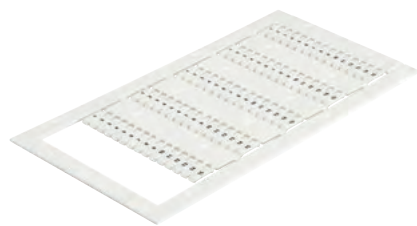


| Description             | Type                   | Part No.      | Std. Pack |
|-------------------------|------------------------|---------------|-----------|
| <b>Unmarked</b>         |                        |               |           |
| Width 5 x <b>8.3</b> mm | 9705 A                 | 04.242.0850.0 | 500       |
| Width 5 x <b>14</b> mm  | 9705 AL                | 04.242.1553.0 | 500       |
| <b>Marked</b>           |                        |               |           |
| Width 5 x <b>8.3</b> mm | 9705 AB <sup>*)</sup>  | 04.842.0850.0 | 500       |
| Width 5 x <b>14</b> mm  | 9705 ALB <sup>*)</sup> | 04.842.1553.0 | 500       |

## MARKING STRIPS

### WTP 1.5 MM<sup>2</sup>/3.5 MM WIDE

<sup>\*)</sup> Custom marking upon request



| Description        | Type                      | Part No.      | Std. Pack |
|--------------------|---------------------------|---------------|-----------|
| <b>Marked</b>      |                           |               |           |
| <sup>*)</sup>      | WMP 3,5 / B <sup>*)</sup> | 04.543.0056.0 | 10        |
| 1 – 15 (5x)        | WMP 3,5 / B 1 - 15        | 04.543.0156.0 | 10        |
| 16 – 30 (5x)       | WMP 3,5 / B 16 - 30       | 04.543.0256.0 | 10        |
| 31 – 45 (5x)       | WMP 3,5 / B 31 - 45       | 04.543.0356.0 | 10        |
| 46 – 60 (5x)       | WMP 3,5 / B 46 - 60       | 04.543.0456.0 | 10        |
| 61 – 75 (5x)       | WMP 3,5 / B 61 - 75       | 04.543.0556.0 | 10        |
| 76 – 90 (5x)       | WMP 3,5 / B 76 - 90       | 04.543.0656.0 | 10        |
| 91 – 105 (5x)      | WMP 3,5 / B 91 - 105      | 04.543.0756.0 | 10        |
| 106 – 120 (5x)     | WMP 3,5 / B 106 - 120     | 04.543.0856.0 | 10        |
| 121 – 135 (5x)     | WMP 3,5 / B 121 - 135     | 04.543.0956.0 | 10        |
| 136 – 150 (5x)     | WMP 3,5 / B 136 - 150     | 04.543.1056.0 | 10        |
| ⊕ (5x)             | WMP 3,5 / B SLZ           | 04.553.0056.0 | 25        |
| ⊖ (5x)             | WMP 3,5 / B ERDZ          | 04.553.0156.0 | 25        |
| +                  | WMP 3,5 / B +             | 04.553.0256.0 | 25        |
| -                  | WMP 3,5 / B -             | 04.553.0356.0 | 25        |
| L1 (5x)            | WMP 3,5 / B L1            | 04.553.0456.0 | 25        |
| L2 (5x)            | WMP 3,5 / B L2            | 04.553.0556.0 | 25        |
| L3 (5x)            | WMP 3,5 / B L3            | 04.553.0656.0 | 25        |
| PE (5x)            | WMP 3,5 / B PE            | 04.553.0756.0 | 25        |
| SL (5x)            | WMP 3,5 / B SL            | 04.553.3156.0 | 25        |
| N (5x)             | WMP 3,5 / B N             | 04.553.3256.0 | 25        |
| F1 (5x)            | WMP 3,5 / B F1            | 04.553.0956.0 | 25        |
| F2 (5x)            | WMP 3,5 / B F2            | 04.553.1056.0 | 25        |
| L1,L2,L3,N,PE (5x) | WMP 3,5 / B L1L2L3NPE..   | 04.553.0856.0 | 25        |

## MARKING STRIPS

### WKF 1.5 MM<sup>2</sup>/4 MM WIDE

<sup>\*)</sup> Custom marking upon request

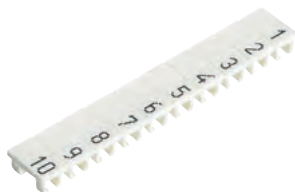


| Description                                    | Type           | Part No.      | Std. Pack |
|------------------------------------------------|----------------|---------------|-----------|
| <b>Marking strips for center block marking</b> |                |               |           |
| Unmarked                                       | BZ/WKF 1,5     | 04.243.2053.0 | 100       |
| Marked                                         | BZ/WKF 1,5 B   | 04.843.2053.0 | 25        |
| <b>Marking strips for outer block marking</b>  |                |               |           |
| Marked                                         | 9705 A 4/10/10 | Z4.243.2053.0 | 10        |

## MARKING STRIPS

### 2.5 MM<sup>2</sup>/5 MM WIDE

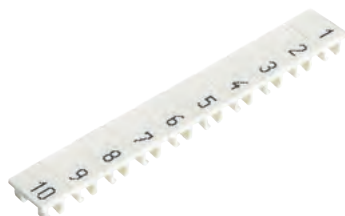
<sup>\*)</sup> Custom marking upon request



| Description                       | Type                    | Part No.      | Std. Pack |
|-----------------------------------|-------------------------|---------------|-----------|
| <b>Unmarked</b>                   |                         |               |           |
|                                   | 9705 A/5/10             | 04.242.5053.0 | 25        |
| <b>Marked</b>                     |                         |               |           |
| 1 – 9                             | 9705A/5/9 B 1 - 9       | 04.842.4953.0 | 25        |
| <sup>*)</sup>                     | 9705A/5/10 B            | 04.842.5053.0 | 25        |
| 1 – 10                            | 9705A/5/10 B 1 - 10     | 04.845.0153.0 | 25        |
| 11 – 20                           | 9705A/5/10 B 11 - 20    | 04.845.0253.0 | 25        |
| 21 – 30                           | 9705A/5/10 B 21 - 30    | 04.845.0353.0 | 25        |
| 31 – 40                           | 9705A/5/10 B 31 - 40    | 04.845.0453.0 | 25        |
| 41 – 50                           | 9705A/5/10 B 41 - 50    | 04.845.0553.0 | 25        |
| 51 – 60                           | 9705A/5/10 B 51 - 60    | 04.845.0653.0 | 25        |
| 61 – 70                           | 9705A/5/10 B 61 - 70    | 04.845.0753.0 | 25        |
| 71 – 80                           | 9705A/5/10 B 71 - 80    | 04.845.0853.0 | 25        |
| 81 – 90                           | 9705A/5/10 B 81 - 90    | 04.845.0953.0 | 25        |
| 91 – 100                          | 9705A/5/10 B 91 - 100   | 04.845.1053.0 | 25        |
| ⊕ (10x)                           | 9705A/5/10B SLZ         | 04.855.0053.0 | 25        |
| ⊖ (10x)                           | 9705A/5/10B ERDZ        | 04.855.0153.0 | 25        |
| +                                 | 9705A/5/10 B +          | 04.855.0253.0 | 25        |
| -                                 | 9705A/5/10 B -          | 04.855.0353.0 | 25        |
| L1 (10x)                          | 9705A/5/10B L1          | 04.855.0453.0 | 25        |
| L2 (10x)                          | 9705A/5/10B L2          | 04.855.0553.0 | 25        |
| L3 (10x)                          | 9705A/5/10B L3          | 04.855.0653.0 | 25        |
| PE (10x)                          | 9705A/5/10B PE          | 04.855.0753.0 | 25        |
| SL (10x)                          | 9705A/5/10B SL          | 04.855.3153.0 | 25        |
| N (10x)                           | 9705A/5/10B N           | 04.855.3253.0 | 25        |
| F1 (10x)                          | 9705A/5/10B F1          | 04.855.0953.0 | 25        |
| F2 (10x)                          | 9705A/5/10B F2          | 04.855.1053.0 | 25        |
| L1,L2,L3,N,PE (10x)               | 9705A/5/10B L1L2L3NPE.. | 04.855.0853.0 | 25        |
| <b>With enlarged marking area</b> |                         |               |           |
|                                   | 9705 AL/5/10            | 04.242.5153.0 | 25        |

## MARKING STRIPS 4 MM<sup>2</sup>/6 MM WIDE

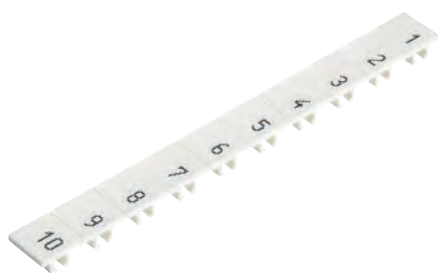
<sup>\*)</sup> Custom marking upon request



| Description                       | Type                | Part No.                 | Std. Pack     |
|-----------------------------------|---------------------|--------------------------|---------------|
| <b>Unmarked</b>                   | 9705 A/6/10         | 04.242.6053.0            | 25            |
| <b>Marked</b>                     | 1 – 9               | 9705A/6/9 B 1 - 9        | 04.842.5953.0 |
|                                   | <sup>*)</sup>       | 9705A/6/10 B             | 04.842.6053.0 |
|                                   | 1 – 10              | 9705A/6/10 B 1 - 10      | 04.846.0153.0 |
|                                   | 11 – 20             | 9705A/6/10 B 11 - 20     | 04.846.0253.0 |
|                                   | 21 – 30             | 9705A/6/10 B 21 - 30     | 04.846.0353.0 |
|                                   | 31 – 40             | 9705A/6/10 B 31 - 40     | 04.846.0453.0 |
|                                   | 41 – 50             | 9705A/6/10 B 41 - 50     | 04.846.0553.0 |
|                                   | 51 – 60             | 9705A/6/10 B 51 - 60     | 04.846.0653.0 |
|                                   | 61 – 70             | 9705A/6/10 B 61 - 70     | 04.846.0753.0 |
|                                   | 71 – 80             | 9705A/6/10 B 71 - 80     | 04.846.0853.0 |
|                                   | 81 – 90             | 9705A/6/10 B 81 - 90     | 04.846.0953.0 |
|                                   | 91 – 100            | 9705A/6/10 B 91 - 100    | 04.846.1053.0 |
|                                   | ⊕ (10x)             | 9705A/6/10 B SLZ         | 04.856.0053.0 |
|                                   | ⊖ (10x)             | 9705A/6/10 B ERDZ        | 04.856.0153.0 |
|                                   | + (10x)             | 9705A/6/10 B +           | 04.856.0253.0 |
|                                   | - (10x)             | 9705A/6/10 B -           | 04.856.0353.0 |
|                                   | L1 (10x)            | 9705A/6/10 B L1          | 04.856.0453.0 |
|                                   | L2 (10x)            | 9705A/6/10 B L2          | 04.856.0553.0 |
|                                   | L3 (10x)            | 9705A/6/10 B L3          | 04.856.0653.0 |
|                                   | PE (10x)            | 9705A/6/10 B PE          | 04.856.0753.0 |
|                                   | SL (10x)            | 9705A/6/10 B SL          | 04.856.3153.0 |
|                                   | N (10x)             | 9705A/6/10 B N           | 04.856.3253.0 |
|                                   | F1 (10x)            | 9705A/6/10 B F1          | 04.856.0953.0 |
|                                   | F2 (10x)            | 9705A/6/10 B F2          | 04.856.1053.0 |
|                                   | L1,L2,L3,N,PE (10x) | 9705A/6/10 B L1L2L3NPE.. | 04.856.0853.0 |
| <b>With enlarged marking area</b> | 9705 AL/6/10        | 04.242.6353.0            | 25            |

## MARKING STRIPS 6 MM<sup>2</sup>/8 MM WIDE

<sup>\*)</sup> Custom marking upon request



| Description     | Type                | Part No.                 | Std. Pack     |
|-----------------|---------------------|--------------------------|---------------|
| <b>Unmarked</b> | 9705 A/8/10         | 04.242.8053.0            | 25            |
| <b>Marked</b>   | 1 – 9               | 9705A/8/9 B 1 - 9        | 04.842.7953.0 |
|                 | <sup>*)</sup>       | 9705A/8/10 B             | 04.842.8053.0 |
|                 | 1 – 10              | 9705A/8/10 B 1 - 10      | 04.848.0153.0 |
|                 | 11 – 20             | 9705A/8/10 B 11 - 20     | 04.848.0253.0 |
|                 | 21 – 30             | 9705A/8/10 B 21 - 30     | 04.848.0353.0 |
|                 | 31 – 40             | 9705A/8/10 B 31 - 40     | 04.848.0453.0 |
|                 | 41 – 50             | 9705A/8/10 B 41 - 50     | 04.848.0553.0 |
|                 | 51 – 60             | 9705A/8/10 B 51 - 60     | 04.848.0653.0 |
|                 | 61 – 70             | 9705A/8/10 B 61 - 70     | 04.848.0753.0 |
|                 | 71 – 80             | 9705A/8/10 B 71 - 80     | 04.848.0853.0 |
|                 | 81 – 90             | 9705A/8/10 B 81 - 90     | 04.848.0953.0 |
|                 | 91 – 100            | 9705A/8/10 B 91 - 100    | 04.848.1053.0 |
|                 | ⊕ (10x)             | 9705A/8/10 B SLZ         | 04.858.0053.0 |
|                 | ⊖ (10x)             | 9705A/8/10 B ERDZ        | 04.858.0153.0 |
|                 | + (10x)             | 9705A/8/10 B +           | 04.858.0253.0 |
|                 | - (10x)             | 9705A/8/10 B -           | 04.858.0353.0 |
|                 | L1 (10x)            | 9705A/8/10 B L1          | 04.858.0453.0 |
|                 | L2 (10x)            | 9705A/8/10 B L2          | 04.858.0553.0 |
|                 | L3 (10x)            | 9705A/8/10 B L3          | 04.858.0653.0 |
|                 | PE (10x)            | 9705A/8/10 B PE          | 04.858.0753.0 |
|                 | SL (10x)            | 9705A/8/10 B SL          | 04.858.3153.0 |
|                 | N (10x)             | 9705A/8/10 B N           | 04.858.3253.0 |
|                 | F1 (10x)            | 9705A/8/10 B F1          | 04.858.0953.0 |
|                 | F2 (10x)            | 9705A/8/10 B F2          | 04.858.1053.0 |
|                 | L1,L2,L3,N,PE (10x) | 9705A/8/10 B L1L2L3NPE.. | 04.858.0853.0 |

## MARKING STRIPS 10 MM<sup>2</sup>/10 MM WIDE 16 MM<sup>2</sup>/12 MM WIDE 35 MM<sup>2</sup>/16 MM WIDE 70 MM<sup>2</sup>/24 MM WIDE



| Description                                      | Type            | Part No.      | Std. Pack |
|--------------------------------------------------|-----------------|---------------|-----------|
| <b>10 mm<sup>2</sup>/10 mm wide</b> for 5 blocks | 9705 A/5/10/5 B | 04.842.5553.0 | 25        |
| <b>16 mm<sup>2</sup>/12 mm wide</b> for 5 blocks | 9705 A/6/10/5 B | 04.842.6553.0 | 25        |
| <b>35 mm<sup>2</sup>/16 mm wide</b> for 5 blocks | 9705 A/8/10/5 B | 04.842.8553.0 | 25        |
| <b>70 mm<sup>2</sup>/24 mm wide</b> for 4 blocks | 9705 A/8/10/5 B | 04.842.8553.0 | 25        |

Specify required marking with part no.

# ACCESSORIES · MARKING ACCESSORIES

## TEAR-OFF MARKING STRIPS MARKED WITH NUMBERS

- With 10 marking tags
- For single symbol marking



| Description                                                             | Type         | Part No.      | Std. Pack |
|-------------------------------------------------------------------------|--------------|---------------|-----------|
| <b>Unmarked</b>                                                         | 9704 A       | 04.241.1150.0 | 25        |
| <b>Marked with the same number</b>                                      |              |               |           |
| 1                                                                       | 9704 A/1 B   | 04.841.1150.0 | 25        |
| 2                                                                       | 9704 A/2 B   | 04.841.1250.0 | 25        |
| 3                                                                       | 9704 A/3 B   | 04.841.1350.0 | 25        |
| 4                                                                       | 9704 A/4 B   | 04.841.1450.0 | 25        |
| 5                                                                       | 9704 A/5 B   | 04.841.1550.0 | 25        |
| 6                                                                       | 9704 A/6 B   | 04.841.1650.0 | 25        |
| 7                                                                       | 9704 A/7 B   | 04.841.1750.0 | 25        |
| 8                                                                       | 9704 A/8 B   | 04.841.1850.0 | 25        |
| 9                                                                       | 9704 A/9 B   | 04.841.1950.0 | 25        |
| 0                                                                       | 9704 A/0 B   | 04.841.2050.0 | 25        |
| <b>Marked with consecutive numbers</b>                                  |              |               |           |
| 1-0                                                                     | 9704 A/1-0 B | 04.841.2150.0 | 25        |
| <b>Marked with the same symbols</b>                                     |              |               |           |
| +                                                                       | 9704 A/+     | 04.841.7450.0 | 25        |
| -                                                                       | 9704 A/-     | 04.841.7550.0 | 25        |
| /                                                                       | 9704 A//     | 04.841.7650.0 | 25        |
| .                                                                       | 9704 A/.     | 04.841.7750.0 | 25        |
| <b>Set, marked with same numbers (= 10 x 25 strips = 2.500 numbers)</b> |              |               |           |
| 111 up to 000                                                           |              | 04.841.9050.0 | 1         |

## TEAR-OFF MARKING STRIPS MARKED WITH UPPER CASE LETTERS

- With 10 marking tags
- For single symbol marking



| Description                                                                        | Type         | Part No.      | Std. Pack |
|------------------------------------------------------------------------------------|--------------|---------------|-----------|
| <b>Marked with the same upper case letters</b>                                     |              |               |           |
| A                                                                                  | 9704 A /AG B | 04.841.2250.0 | 25        |
| B                                                                                  | 9704 A /BG B | 04.841.2350.0 | 25        |
| C                                                                                  | 9704 A /CG B | 04.841.2450.0 | 25        |
| D                                                                                  | 9704 A /DG B | 04.841.2550.0 | 25        |
| E                                                                                  | 9704 A /EG B | 04.841.2650.0 | 25        |
| F                                                                                  | 9704 A /FG B | 04.841.2750.0 | 25        |
| G                                                                                  | 9704 A /GG B | 04.841.2850.0 | 25        |
| H                                                                                  | 9704 A /HG B | 04.841.2950.0 | 25        |
| I                                                                                  | 9704 A /IG B | 04.841.3050.0 | 25        |
| J                                                                                  | 9704 A /JG B | 04.841.3150.0 | 25        |
| K                                                                                  | 9704 A /KG B | 04.841.3250.0 | 25        |
| L                                                                                  | 9704 A /LG B | 04.841.3350.0 | 25        |
| M                                                                                  | 9704 A /MG B | 04.841.3450.0 | 25        |
| N                                                                                  | 9704 A /NG B | 04.841.3550.0 | 25        |
| O                                                                                  | 9704 A /OG B | 04.841.3650.0 | 25        |
| P                                                                                  | 9704 A /PG B | 04.841.3750.0 | 25        |
| Q                                                                                  | 9704 A /QG B | 04.841.3850.0 | 25        |
| R                                                                                  | 9704 A /RG B | 04.841.3950.0 | 25        |
| S                                                                                  | 9704 A /SG B | 04.841.4050.0 | 25        |
| T                                                                                  | 9704 A /TG B | 04.841.4150.0 | 25        |
| U                                                                                  | 9704 A /UG B | 04.841.4250.0 | 25        |
| V                                                                                  | 9704 A /VG B | 04.841.4350.0 | 25        |
| W                                                                                  | 9704 A /WG B | 04.841.4450.0 | 25        |
| X                                                                                  | 9704 A /XG B | 04.841.4550.0 | 25        |
| Y                                                                                  | 9704 A /YG B | 04.841.4650.0 | 25        |
| Z                                                                                  | 9704 A /ZG B | 04.841.4750.0 | 25        |
| <b>Set, marked with same upper case letters (= 26 x 25 strips = 6.500 numbers)</b> |              |               |           |
| A up to Z GB                                                                       |              | 04.841.9150.0 | 1         |



## ASSORTMENT BOX

- For marking material



| Description                                     | Type                  | Part No.      | Std. Pack |
|-------------------------------------------------|-----------------------|---------------|-----------|
| <b>Assortment box for 5 mm width</b>            | S0 1/5                | 04.900.2053.0 | 1         |
| Assortment for 5 mm width                       | 1-100 9705 A/5/10 B   | 04.855.1153.0 | 1         |
|                                                 | 101-200 9705 A/5/10 B | 04.855.1253.0 | 1         |
| <b>Assortment box for 6 mm width</b>            | S0 1/6                | 04.900.3053.0 | 1         |
| Assortment for 6 mm width                       | 1-100 9705 A/6/10 B   | 04.856.1153.0 | 1         |
|                                                 | 101-200 9705 A/6/10 B | 04.856.1253.0 | 1         |
| <b>Assortment box for 8 mm width</b>            | S0 1/8                | 04.900.4053.0 | 1         |
| Assortment for 8 mm width                       | 1-100 9705 A/8/10 B   | 04.858.1153.0 | 1         |
|                                                 | 101-200 9705 A/8/10 B | 04.858.1253.0 | 1         |
| <b>Assortment box for tear-off marking tags</b> |                       |               |           |
| with 50 digits each                             | S0 1/0                | 04.900.1053.0 | 1         |
| <b>Assortment box, empty</b>                    | S0 1                  | 04.900.0000.0 | 1         |

## MARKING TAG CARRIER

- For all blocks



| Description                           | Type       | Part No.      | Std. Pack |
|---------------------------------------|------------|---------------|-----------|
| <b>Marking tag carrier, 4 digits</b>  | 9705 A/4   | 04.242.0950.0 | 200       |
| <b>Marking tag carrier, 6 digits</b>  | 9705 A/6   | 04.242.1250.0 | 200       |
| <b>Marking tag carrier, 45° angle</b> | 9705 A/4 W | 04.242.2853.0 | 200       |

## PARTITION

- With marking facilities

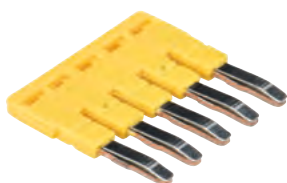


| Description                                     | Type            | Part No.      | Std. Pack |
|-------------------------------------------------|-----------------|---------------|-----------|
| <b>Partition with carrier for marking tags</b>  |                 |               |           |
| for TS 32 and TS 35                             |                 | Z7.311.1755.0 | 10        |
| <b>Partition with carrier for marking cards</b> |                 |               |           |
| for TS 32 and TS 35                             |                 | Z7.311.7055.0 | 10        |
| <b>Accessories</b>                              |                 |               |           |
| Marking card in perforated sheets               | 100 tags/sheets | 04.019.0289.0 | 10        |

# ACCESSORIES · CROSS CONNECTORS AND JUMPER BARS

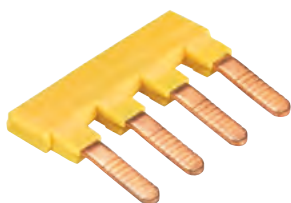
## CROSS CONNECTORS

- Cross connector poles can be individually removed.
- When cross connectors with removed poles are used, the rated voltage is reduced to 400 V.
- You can cut a 10-wire connector plug in half to form two 5-wire connector plugs, but an end cover plate or isolating plate must then be inserted.



| Description                                                        | Type            | Part No.      | Std. Pack |
|--------------------------------------------------------------------|-----------------|---------------|-----------|
| <b>1.5 mm<sup>2</sup>, 3 mm wide</b>                               | IVB WTP 1,5-2   | Z7.284.7027.0 | 10        |
|                                                                    | IVB WTP 1,5-3   | Z7.284.7127.0 | 10        |
|                                                                    | IVB WTP 1,5-4   | Z7.284.7227.0 | 10        |
|                                                                    | IVB WTP 1,5-5   | Z7.284.7327.0 | 10        |
|                                                                    | IVB WTP 1,5-10  | Z7.284.7427.0 | 10        |
| <b>1.5 mm<sup>2</sup>, 4 mm wide</b>                               | IVB WKF 1,5-2   | Z7.268.0227.0 | 10        |
|                                                                    | IVB WKF 1,5-3   | Z7.268.0327.0 | 10        |
|                                                                    | IVB WKF 1,5-4   | Z7.268.0427.0 | 10        |
|                                                                    | IVB WKF 1,5-5   | Z7.268.0527.0 | 10        |
|                                                                    | IVB WKF 1,5-10  | Z7.268.1027.0 | 10        |
| <b>2.5 mm<sup>2</sup>, 5 mm wide</b>                               | IVB WKF 2,5-2   | Z7.280.6227.0 | 10        |
|                                                                    | IVB WKF 2,5-3   | Z7.280.6327.0 | 10        |
|                                                                    | IVB WKF 2,5-4   | Z7.280.6427.0 | 10        |
|                                                                    | IVB WKF 2,5-5   | Z7.280.6527.0 | 10        |
|                                                                    | IVB WKF 2,5-6   | Z7.280.6627.0 | 10        |
|                                                                    | IVB WKF 2,5-7   | Z7.280.6727.0 | 20        |
|                                                                    | IVB WKF 2,5-8   | Z7.280.6827.0 | 20        |
|                                                                    | IVB WKF 2,5-9   | Z7.280.6927.0 | 20        |
|                                                                    | IVB WKF 2,5-10  | Z7.280.7027.0 | 20        |
|                                                                    | IVB WKF 2,5-20  | Z7.280.8027.0 | 20        |
|                                                                    | IVB WKF-V       | Z7.261.1127.0 | 10        |
| <b>4 mm<sup>2</sup>, 6 mm wide</b>                                 | IVB WKF 4-2     | Z7.261.1227.0 | 10        |
|                                                                    | IVB WKF 4-3     | Z7.261.1327.0 | 10        |
|                                                                    | IVB WKF 4-4     | Z7.261.1427.0 | 10        |
|                                                                    | IVB WKF 4-5     | Z7.261.1527.0 | 10        |
|                                                                    | IVB WKF 4-6     | Z7.261.1627.0 | 10        |
|                                                                    | IVB WKF 4-7     | Z7.261.1727.0 | 10        |
|                                                                    | IVB WKF 4-8     | Z7.261.1827.0 | 10        |
|                                                                    | IVB WKF 4-9     | Z7.261.1927.0 | 10        |
|                                                                    | IVB WKF 4-10    | Z7.261.2027.0 | 10        |
| <b>6 mm<sup>2</sup>, 8 mm wide</b>                                 | IVB WKFN 6-2    | Z7.282.5227.0 | 10        |
|                                                                    | IVB WKFN 6-5    | Z7.282.5527.0 | 10        |
| <b>10 mm<sup>2</sup>, 10 mm wide</b>                               | IVB WKF 10-2    | Z7.283.8227.0 | 10        |
| <b>16 mm<sup>2</sup>, 12 mm wide</b>                               | IVB WKF 16-2    | Z7.284.4227.0 | 10        |
| <b>35 mm<sup>2</sup>, 16 mm wide</b>                               | IVB WKF 35-2    | Z7.285.6227.0 | 10        |
|                                                                    | IVB WKF 35R10-2 | Z7.285.6427.0 | 10        |
| <b>Jumping cross connectors for WT 2,5, WTP 2,5/4 and WKFN 2,5</b> |                 |               |           |
| 3-pole 1-3                                                         |                 | 99.013.9999.9 | 10        |
| 4-pole 1-4                                                         |                 | 99.014.9999.9 | 10        |
| 5-pole 1-5                                                         |                 | 99.015.9999.9 | 10        |
| 5-pole 1 to 3 to 5                                                 |                 | 99.031.9999.9 | 10        |
| 7-pole 1 to 3, 5 and 7                                             |                 | 99.032.9999.9 | 10        |
| 9-pole 1 to 3, 5, 7 and 9                                          |                 | 99.033.9999.9 | 10        |
| 11-pole 1 to 3, 5, 7, 9 and 11                                     |                 | 99.034.9999.9 | 10        |
| Additional combinations upon request                               |                 |               |           |

## JUMPER BAR, INSULATED JUMPER COMB, INSULATED



| Description                                          | Type            | Part No.      | Std. Pack |
|------------------------------------------------------|-----------------|---------------|-----------|
| <b>WK 4 / U and WK 4 TK, 6 mm wide, 0.5 mm thick</b> |                 |               |           |
| Jumper comb, insulated                               | IVB 0,5 WK 4-2  | Z7.255.0227.0 | 10        |
|                                                      | IVB 0,5 WK 4-12 | Z7.255.0227.0 | 10        |
| <b>WK 4 / U and WK 4 TK, 6 mm wide, 1 mm thick</b>   |                 |               |           |
| Jumper comb, insulated                               | IVB 1 WK 4-2    | Z7.255.4227.0 | 10        |
|                                                      | IVB 1 WK 4-12   | Z7.255.4227.0 | 10        |
| <b>WK 6, WKN 6 TK, WK 4 THSi 6,3x32</b>              |                 |               |           |
| Jumper comb, insulated                               | IVK WKN 6 TK-2  | Z7.255.8227.0 | 10        |
|                                                      | IVK WKN 6 TK-3  | Z7.255.8327.0 | 10        |
|                                                      | IVK WKN 6 TK-4  | Z7.256.8427.0 | 10        |
|                                                      | IVK WKN 6 TK-5  | Z7.256.8527.0 | 10        |
|                                                      | IVK WKN 6 TK-6  | Z7.256.8527.0 | 10        |

# ACCESSORIES · COVER STRIPS AND TEST PLUGS

## COVER STRIP WITH WARNING SYMBOL

- Over 4 blocks, tension spring connection



- Over 4 blocks, screw connection



| Description                          | Type            | Part No.      | Std. Pack |
|--------------------------------------|-----------------|---------------|-----------|
| <b>for tension spring connection</b> |                 |               |           |
| 1.5 mm <sup>2</sup> , 4 mm wide      | ADF 1,5/5 GELB  | 04.343.6953.8 | 10        |
| 2.5 mm <sup>2</sup> , 5 mm wide      | ADFN 2,5/4 GELB | 04.343.8353.8 | 10        |
| 4 mm <sup>2</sup> , 6 mm wide        | ADF 4/4 GELB    | 04.343.6153.8 | 10        |
| 6 mm <sup>2</sup> , 8 mm wide        | ADF 6/4 GELB    | 04.343.6253.8 | 10        |
| 10 mm <sup>2</sup> , 10 mm wide      | ADF 10/4 GELB   | 04.343.6453.8 | 10        |
| 16 mm <sup>2</sup> , 12 mm wide      | ADF 16/4 GELB   | 04.343.6653.8 | 10        |
| 35 mm <sup>2</sup> , 16 mm wide      | ADF 35/5 GELB   | 04.343.9253.8 | 10        |

|                                 |               |               |    |
|---------------------------------|---------------|---------------|----|
| <b>for screw connection</b>     |               |               |    |
| WKN 35/U, 16 mm wide, screw M5  | AD 16/4 GELB  | 04.343.5256.8 | 10 |
| WKN 70/U, 24 mm wide, screw M6  | AD 24/4 GELB  | 04.343.5356.8 | 10 |
| WKN 150/U, 28 mm wide, screw M8 | ADN 28/4 GELB | 04.343.5456.8 | 10 |

## TEST PLUG WITH TENSION SPRING CONNECTION

- For WT/WTP/WKF... terminal blocks
- For 2.5 mm<sup>2</sup>, 5 mm wide and 4 mm<sup>2</sup>, 6 mm wide



| Description                 | Type                                                                              | Part No.      | Std. Pack |
|-----------------------------|-----------------------------------------------------------------------------------|---------------|-----------|
| Test plug                   | PSWKC/F                                                                           | Z1.299.9753.0 | 10        |
| Blind piece                 |                                                                                   | 01.299.9753.0 | 10        |
| Endplate                    | ZP/AP PS                                                                          | 07.312.6053.0 | 10        |
| <b>GENERAL DATA</b>         |                                                                                   |               |           |
| Width                       | 5 mm / 6 mm*                                                                      |               |           |
| Wire strip length           | 8 mm                                                                              |               |           |
| <b>TECHNICAL DATA</b>       |                                                                                   |               |           |
|                             | IEC                                                                               | UL            | CSA       |
| Cross section solid         | 0.13 – 1.5 mm <sup>2</sup>                                                        |               |           |
| Cross section fine-stranded | 0.13 – 1.5 mm <sup>2</sup>                                                        |               |           |
| Rated current               | 13.5 A                                                                            |               |           |
| Rated voltage               | 400 V                                                                             |               |           |
| <b>Note</b>                 | * For 6 mm spacing a ZP/AP PS is snapped on behind each test plug or blind piece. |               |           |

## TEST PLUG

- 250 V / 2 A



| Description            | Type      | Part No.      | Std. Pack |
|------------------------|-----------|---------------|-----------|
| Test plug 2.3 mm red   | ST 2/2 RT | Z5.553.2921.0 | 10        |
| Test plug 2.3 mm black | ST 2/2 SW | Z5.553.2921.1 | 50        |
| Test plug 2.3 mm blue  | ST 2/2 BL | Z5.553.2921.6 | 100       |
| Test plug 4 mm black   | ST 2/4 SW | Z5.553.3021.0 | 10        |

# ACCESSORIES · TOOLS

## WIRE ENTRY GUIDES

- For conductors with cross sections smaller than 1 mm<sup>2</sup>



| Description                          | Type               | Part No.      | Std. Pack |
|--------------------------------------|--------------------|---------------|-----------|
| <b>2.5 mm<sup>2</sup>, 5 mm wide</b> |                    |               |           |
| for 0.13 – 0.2 mm <sup>2</sup> wires | LELN 2,5/1 WEISS   | 05.564.3755.0 | 100       |
| for 0.25 – 0.5 mm <sup>2</sup> wires | LELN 2,5/1 GRAU    | 05.564.3855.0 | 100       |
| for 0.75 – 1.0 mm <sup>2</sup> wires | LELN 2,5/1 SCHWARZ | 05.564.3955.0 | 100       |
| <b>4 mm<sup>2</sup>, 6 mm wide</b>   |                    |               |           |
| for 0.13 – 0.2 mm <sup>2</sup> wires | LEL 4/1 WEISS      | 05.561.8553.0 | 100       |
| for 0.25 – 0.5 mm <sup>2</sup> wires | LEL 4/2 GRAU       | 05.561.8653.0 | 100       |
| for 0.75 – 1.0 mm <sup>2</sup> wires | LEL 4/3 SCHWARZ    | 05.561.8753.0 | 100       |

## NOTCHING TOOL FOR CROSS CONNECTORS

- For 1.5 mm<sup>2</sup>, wide 4 mm wide
- For 2.5 mm<sup>2</sup>, 5 mm wide
- For 4 mm<sup>2</sup>, 6 mm wide



| Description   | Type   | Part No.      | Std. Pack |
|---------------|--------|---------------|-----------|
| Notching tool | AKW /A | 95.300.0500.0 | 1         |

## SCREWDRIVERS



| Description                          | Type                  | Part No.      | Std. Pack |
|--------------------------------------|-----------------------|---------------|-----------|
| <b>1.5 mm<sup>2</sup>, 4 mm wide</b> |                       |               |           |
| Uninsulated, long and straight       | DIN 5264 A 0,4x2,5    | 06.502.4300.0 | 5         |
| <b>2.5 mm<sup>2</sup>, 5 mm wide</b> |                       |               |           |
| Uninsulated, long and straight       | DIN 5264 A 0,6x3,5    | 06.502.4000.0 | 10        |
| Uninsulated, short and straight      | DIN 5264 A 0,6x3,5 M  | 06.502.5000.0 | 10        |
| Uninsulated, long and angled         | DIN 5264 B 0,6x3,5 W  | 05.502.4100.0 | 10        |
| Uninsulated, short and angled        | DIN 5264 B 0,6x3,5 MW | 05.502.4000.0 | 10        |
| <b>4 mm<sup>2</sup>, 6 mm wide</b>   |                       |               |           |
| Uninsulated, long and straight       | DIN 5264 A 0,6x3,5    | 06.502.4000.0 | 10        |
| Uninsulated, short and straight      | DIN 5264 A 0,6x3,5 M  | 06.502.5000.0 | 10        |
| Uninsulated, long and angled         | DIN 5264 B 0,6x3,5 W  | 05.502.4100.0 | 10        |
| Uninsulated, short and angled        | DIN 5264 B 0,6x3,5 MW | 05.502.4000.0 | 10        |
| <b>6 mm<sup>2</sup>, 8 mm wide</b>   | DIN 5264 A 0,8x4      | 06.502.4100.0 | 5         |
| <b>10 mm<sup>2</sup>, 10 mm wide</b> | DIN 5264 A 1x5,5      | 06.502.4200.0 | 5         |
| <b>16 mm<sup>2</sup>, 12 mm wide</b> | DIN 5264 A 1x5,5      | 06.502.4200.0 | 5         |
| <b>35 mm<sup>2</sup>, 16 mm wide</b> | DIN 5264 A 1x5,5      | 06.502.4200.0 | 5         |

# ACCESSORIES · FERRULES AND TOOLS

## FERRULES

### WITH INSULATING MATERIAL SLEEVE

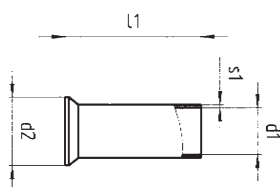
#### • Materials:

Sleeve: Polypropylene, temperature resistance 105°C, creepage resistant  
Tube: E-Cu, galvanically tin-plated



### WITHOUT INSULATING MATERIAL SLEEVE

#### • Materials: Tube: E-Cu, galvanically tin-plated



| Cross section mm <sup>2</sup>                                                 | Color  | Type | Part No.      | Std. Pack |
|-------------------------------------------------------------------------------|--------|------|---------------|-----------|
| <b>Ferrules with insulating material sleeve according to DIN 46 228 T4</b>    |        |      |               |           |
| 0.50 norm.                                                                    | white  |      | 06.600.2027.0 | 500       |
| 0.75 norm.                                                                    | gray   |      | 06.600.2127.0 | 500       |
| 1.00 norm.                                                                    | red    |      | 06.600.2227.0 | 500       |
| 1.50 norm.                                                                    | black  |      | 06.600.2327.0 | 500       |
| 1.50 long                                                                     | black  |      | 06.600.2427.0 | 500       |
| 2.50 norm.                                                                    | blue   |      | 06.600.2527.0 | 500       |
| 2.50 long                                                                     | blue   |      | 06.600.2627.0 | 500       |
| 4.00 norm.                                                                    | gray   |      | 06.600.2727.0 | 500       |
| 4.00 long                                                                     | gray   |      | 06.600.2827.0 | 100       |
| 6.00 norm.                                                                    | yellow |      | 06.600.2927.0 | 100       |
| 6.00 long                                                                     | yellow |      | 06.600.3027.0 | 100       |
| 10.00 norm.                                                                   | red    |      | 06.600.3127.0 | 100       |
| 10.00 long                                                                    | red    |      | 06.600.3227.0 | 100       |
| 16.00 norm.                                                                   | blue   |      | 06.600.3327.0 | 100       |
| 16.00 long                                                                    | blue   |      | 06.600.3427.0 | 100       |
| 25.00 mid-length                                                              | yellow |      | 06.600.3527.0 | 50        |
| <b>Ferrules without insulating material sleeve according to DIN 46 228 T1</b> |        |      |               |           |
| 0.50 norm.                                                                    |        |      | 06.600.4027.0 | 1000      |
| 0.75 norm.                                                                    |        |      | 06.600.4127.0 | 1000      |
| 1.00 norm.                                                                    |        |      | 06.600.4227.0 | 1000      |
| 1.50 norm.                                                                    |        |      | 06.600.4327.0 | 1000      |
| 2.50 norm.                                                                    |        |      | 06.600.4427.0 | 1000      |
| 4.00 norm.                                                                    |        |      | 06.600.4527.0 | 1000      |
| 6.00 norm.                                                                    |        |      | 06.600.4627.0 | 500       |
| 10.00 norm.                                                                   |        |      | 06.600.4727.0 | 500       |
| 16.00 norm.                                                                   |        |      | 06.600.4827.0 | 100       |
| 25.00 norm.                                                                   |        |      | 06.600.4927.0 | 100       |
| 35.00 norm.                                                                   |        |      | 06.600.5027.0 | 100       |

## WIRE STRIPPERS

| Description         | Type                      | Part No.      | Std. Pack |
|---------------------|---------------------------|---------------|-----------|
| Wire strippers      | AIW/A                     | 95.350.0100.0 | 1         |
| <b>GENERAL DATA</b> |                           |               |           |
| Wire strip length   | 0.08 - 10 mm <sup>2</sup> |               |           |
| Cross section, AWG  | 28 - 7                    |               |           |



## CRIMPING TOOL

#### • for ferrules

| Description           | Type                      | Part No.      | Std. Pack |
|-----------------------|---------------------------|---------------|-----------|
| Pressing tool A       | Length: 180 mm PW/A       | 95.101.1300.0 | 1         |
| Pressing tool B       | Length: 203 mm PW/B       | 95.101.1100.0 | 1         |
| Pressing tool C       | Length: 203 mm PW/C       | 95.101.1200.0 | 1         |
| <b>GENERAL DATA</b>   |                           |               |           |
| A: Wire strip length  | 0.08 - 10 mm <sup>2</sup> |               |           |
| A: Cross section, AWG | 28 - 7                    |               |           |
| B: Wire strip length  | 10 - 25 mm <sup>2</sup>   |               |           |
| B: Cross section, AWG | 7 - 4                     |               |           |
| C: Wire strip length  | 35 - 50 mm <sup>2</sup>   |               |           |
| C: Cross section, AWG | 2 - 1/0                   |               |           |





# FACTS & DATA

## DIN rail terminal blocks

### ELECTRICAL AND THERMAL CHARACTERISTICS OF PLASTIC MATERIALS

| Key figures / characteristics                           | Standard      |           | Unit                         |         | Thermoplast Polyamide PA 666 |
|---------------------------------------------------------|---------------|-----------|------------------------------|---------|------------------------------|
| Dielectric strength                                     | VDE 0303-T21  | IEC 243/1 | kV / mm                      | tr./lf. | 55 / 45                      |
| Dielectric loss<br>tan $\delta$ at 1 MHz                | VDE 0303-T4   | IEC 250   |                              | tr./lf. | 0.02 / 0.3                   |
| Specific feed through resistance                        | VDE 0303-T30  | IEC 93    | $\Omega \times \text{cm}$    | lf.     | $10^{12}$                    |
| Surface resistance                                      | VDE 0303-T30  | IEC 93    | $\Omega$                     | lf.     | $10^{10}$                    |
| Creepage                                                | VDE 0303-T1   | IEC 112   | CTI                          |         | 600                          |
| Operating temperature RTI *                             | UL 746 B      |           | $^{\circ}\text{C}$ at 1.5 mm |         | 120                          |
| Temperature index TI **                                 | VDE 0304 T.21 | IEC 216-1 | $^{\circ}\text{C}$           |         | 123 / 107                    |
| Minimum operating temperature without mechanical stress |               |           | $^{\circ}\text{C}$           |         | -40                          |
| Flammability                                            | UL 94         |           | Class / material thickness   |         | V0 / 0.4                     |
| Suitability for tropical areas                          |               |           |                              |         | good                         |

\* electrical value    \*\* related to 50% strain resistance drop after 5,000/20,000 hours

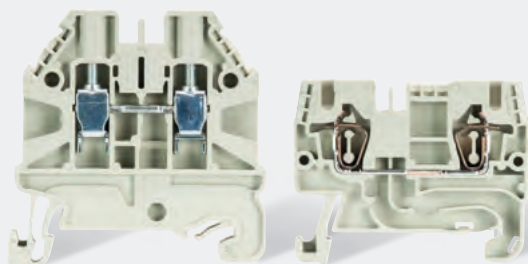
### STANDARD CROSS SECTIONS OF ROUND COPPER CONDUCTORS AWG/METRIC

| Metric size<br>ISO | Comparison between AWG/kcmil<br>and metric sizes |       |                 |
|--------------------|--------------------------------------------------|-------|-----------------|
| mm <sup>2</sup>    | AWG                                              | kcmil | mm <sup>2</sup> |
| 0.1*               | 28                                               |       | 0.081           |
| 0.14*              | 26                                               |       | 0.128           |
| 0.2                | 24                                               |       | 0.205           |
| –                  | 22                                               |       | 0.324           |
| 0.5                | 20                                               |       | 0.519           |
| 0.75               | 18                                               |       | 0.82            |
| 1                  | –                                                |       | –               |
| 1.5                | 16                                               |       | 1.3             |
| 2.5                | 14                                               |       | 2.1             |
| 4                  | 12                                               |       | 3.3             |
| 6                  | 10                                               |       | 5.3             |
| 10                 | 8                                                |       | 8.4             |

| Metric size<br>ISO | Comparison between AWG/kcmil<br>and metric sizes |       |                 |
|--------------------|--------------------------------------------------|-------|-----------------|
| mm <sup>2</sup>    | AWG                                              | kcmil | mm <sup>2</sup> |
| 16                 | 6                                                |       | 13.3            |
| 25                 | 4                                                |       | 21.2            |
| 35                 | 2                                                |       | 33.6            |
| 50                 | (1/0) 0                                          |       | 53.5            |
| 70                 | (2/0) 00                                         |       | 67.4            |
| 95                 | (3/0) 000                                        |       | 85              |
| –                  | (4/0) 0000                                       |       | 107.2           |
| 120                |                                                  | 250   | 127             |
| 150                |                                                  | 300   | 152             |
| 185                |                                                  | 350   | 177             |
| 240                |                                                  | 500   | 253             |
| 300                |                                                  | 600   | 304             |

\* not standardized

#### MATERIAL SELECTION SELOS AND FASIS



#### METAL PARTS

- Special alloys enable low feed-through resistance and provide a gas-tight contact area:
  - Current carrying bar: Copper, or brass
  - Clamping body and clamping screws: Galvanized and chromated steel
  - Clamping spring: CrNi stainless steel
  - Current carrying bar: Copper, tinned

#### PLASTIC MATERIALS

- Polyamide has excellent electrical, chemical and mechanical characteristics:
  - Temperature resistance: Up to 120 $^{\circ}\text{C}$
  - Creepage resistance: CTI 600
  - Flammability class: Self-extinguishing, UL94-V0

# Mounting rails

## MAXIMUM SHORT-TIME CURRENT CAPABILITY ASSIGNED TO MOUNTING RAILS – DIN EN 60 947-7-2

| Rail profile                                                                             | Material                | Equivalent<br>E-Cu cross section | Short-time-<br>current capability 1 s | Rated thermal current<br>of a PEN busbar |
|------------------------------------------------------------------------------------------|-------------------------|----------------------------------|---------------------------------------|------------------------------------------|
|                                                                                          |                         | mm <sup>2</sup>                  | kA                                    | A                                        |
| DIN rail TH 15 x 5,5<br>according to IEC 60 715                                          | Steel                   | 10                               | 1.2                                   | –                                        |
| G rail TS 32<br>according to IEC 60 715                                                  | Steel                   | 35                               | 4.2                                   | –                                        |
|                                                                                          | Copper <sup>1)</sup>    | 120                              | 14.4                                  | 269                                      |
|                                                                                          | Aluminium <sup>1)</sup> | 70                               | 8.4                                   | 192                                      |
| DIN rail TS 35 x 27 x 7,5<br>according to IEC 60 715                                     | Steel                   | 16                               | 1.92                                  | –                                        |
| DIN rail TS 35 x 27 x 15<br>according to IEC 60 715                                      | Steel                   | 25                               | 3                                     | –                                        |
| DIN rail TS 35 x 24 x 15<br>according to IEC 60 715<br>(made from 2.3 mm thick material) | Steel                   | 50                               | 6                                     | –                                        |
|                                                                                          | Copper <sup>1)</sup>    | 150                              | 18                                    | 309                                      |

<sup>1)</sup> Selected copper or aluminum alloys from the manufacturer of the terminal block layout were used to achieve the values in the table.

# Torques

Torque according to EN 60947-1  
for selos DIN rail terminal blocks

- II applies for screws that are tightened with a screwdriver
- III applies for screws that can be tightened with tools other than a screwdriver

|                                   |                                | II | III      |
|-----------------------------------|--------------------------------|----|----------|
| <b>WT 2.5, width 5 mm</b>         | M2.5 clamping body screw       | Nm | 0.4      |
| <b>WT 4 ... , width 6 mm</b>      | M3 clamping body screw         | Nm | 0.5      |
| <b>WT 6 and WKN 6, width 8 mm</b> | M4 clamping body screw         | Nm | 1.2      |
|                                   | M3.5 screw for cross connector | Nm | 0.8      |
| <b>WT 10, width 10 mm</b>         | M4 clamping body screw         | Nm | 1.2      |
| <b>WT 16, width 12 mm</b>         | M5 clamping body screw         | Nm | 2.0      |
| <b>WKN 35, width 16 mm</b>        | M6 clamping body screw         | Nm | 2.5 3.0  |
|                                   | M5 screw for cross connector   | Nm | 2.0 2.0  |
| <b>WKN 70, width 24 mm</b>        | M8 clamping body screw         | Nm | 3.5 6.0  |
|                                   | M6 screw for cross connector   | Nm | 2.5 3.0  |
| <b>WKN 150, width 28 mm</b>       | M10 clamping body screw        | Nm | 4.0 10.0 |
|                                   | M8 screw for cross connector   | Nm | 3.5 6.0  |



# INFORMATION ABOUT EX APPLICATIONS

DIN rail terminal blocks for installations with explosion hazard  
(Ex terminals) Protection category Increased safety “e”

## EX TERMINALS

Ex terminals are DIN rail terminal blocks that have been tested and certified by a European Ex test institute according to

**EN 60 079-0 – VDE 0170/0171 part 1 “General requirements” and**

**EN 60 079-7 – VDE 0170/0171 part 6 Protection category: Increased safety “e”**

DIN EN 60079-0, VDE 0170-1: Explosionsfähige Atmosphäre - Teil 0: Geräte - Allgemeine Anforderungen  
(IEC 60079-0); Deutsche Fassung EN 60079-0

DIN EN 60079-7, VDE 0170-6: Explosionsfähige Atmosphäre - Teil 7: Geräteschutz durch erhöhte Sicherheit „e“ (IEC 60079-7); Deutsche Fassung EN 60079-7

The protection category Increased safety “e” applies to electrical equipment that resists sparks, electric arcing or hazardous surface temperatures during operation. DIN rail terminal blocks thus fall into temperature category T6 in which electrical equipment at an ambient temperature of 40 °C and proper use does not exceed the maximum temperature (surface temperature) of 85 °C.

Certifying test institutes are, for example, the Physikalisch Technische Bundesanstalt PTB in Germany, the Laboratoire Central des Industries Electrique LCIE in France, the Health and Safety Executive BASEEFA in Great Britain, the EX laboratory of ASEV in Switzerland, among others.

However, for DIN rail terminal blocks as incomplete electrical equipment, only a partial certification is issued.

This certificate is the basis for the final acceptance and certification of the complete installation before it is commissioned by an expert.

The certificate (prototype test certificate) includes a description of the DIN rail terminal blocks, in which special requirements regarding the preparation of terminal strips are put into place, for example, installing partitions and end plates when terminal blocks are connected in series. This information is also provided in our catalog that in this case serves as an instruction manual.

## TEST CERTIFICATE

Certificates from notified bodies are available for feed-through terminal blocks of series WK(N)\_, WKF\_, WKFN\_, WT and ground blocks of series WK(N)\_.SL\_, WKF\_.SL\_, WKFN\_.SL\_, WT\_.PE as well as revos Ex industrial multipole connectors. The certificates indicate the relevant rated values and include the accessories listed in the description.

The areas of application are divided into:

**Group I:** Electrical equipment for mine openings with firedamp hazard

**Group II:** Electrical equipment for hazardous areas except for mine openings with firedamp hazard (for example installations with explosion hazard for the chemical and petrochemical industry).

According to a resolution of the DEK (Deutsche Elektrotechnische Kommission) terminal blocks are also accepted as electrical equipment for Group I (firedamp protection Ex e I) for which only the increased safety protection type ‘e’ for Group II (explosion protection Ex e II) has been certified and vice versa.

Ex protected DIN rail terminal blocks are identified with distinct safety protection and an additional marking according to ATEX directive 2014/34/EU. The complete test certificate with a description is available on request or it can be downloaded from Wieland Electric Download Center.

## PROTECTION CATEGORY “INTRINSIC SAFETY EX I”

The DIN rail terminal blocks can be used in Group II (Category 2) and Group 1 (Category M2) equipment, as the standard requirements are identical in this case.

It has been generally accepted that feed-through terminals in intrinsic circuits are clearly marked with the blue coloring of the insulated housing. For intrinsic circuits, feed-through terminals can be used in the standard version and if required are available with blue insulating housing.

## TECHNICAL INFORMATION

- The information regarding cross sectional area and connection types pertains to unprepared wires without ferrules! Ferrules are not necessary for secure connection. Whenever ferrules are used, make sure that the tools specified by the manufacturer are used exclusively.
- The voltage ratings apply to the terminals in their intended application. When different products are mounted adjacent to each other, the proper isolation distances must be adhered to.
- If the ground blocks are not used in block assemblies, but are mounted to the rail as single terminal blocks, end clamps have to be used.
- A detailed description of technical data, the standards requirements, and the application conditions are available in the flyer FACTS & DATA.

## ATEX REGULATION

- For the use of DIN rail terminal blocks in Ex areas, the regulations of EN 60079-0 apply; whereas for increased safety Exe the regulations of EN 60079-7 must be followed. For an approximation of the laws of the EU member states, directive 2014/34/EU was created, which is generally known as ATEX 100a and which is the basis for harmonization in this field. ATEX stands for "atmosphere explosive" while 100a refers to the corresponding article of the EC contract.
- Directive ATEX 100a applies for protection against dust and gas explosions in all industrial Ex areas and in mining. The testing and certifying institutes named in directive ATEX 100a must follow accreditation procedures which are the same throughout Europe.
- In accordance with EN 60070-0/60079-7 and ATEX 100a, these certifying institutes write out EC certificates for prototype tests. These prototype test certificates for components together with the corresponding quality system certification of the supplier are required to obtain the so-called ATEX approval.
- In combination with the  mark, the markings of the Wieland terminal blocks have the following meaning:

|                                                                                   |                                      |
|-----------------------------------------------------------------------------------|--------------------------------------|
|  | Identification                       |
| II                                                                                | Device group                         |
| 2                                                                                 | Category                             |
| G D                                                                               | Areas                                |
| KEMA                                                                              | Name of testing institute            |
| ATEX...                                                                           | Certificate, year of testing, number |



## MOUNTING INSTRUCTIONS FOR EX E APPLICATIONS

- If feed-through blocks are mounted directly adjacent to other feed-through blocks of a different size, or directly adjacent to ground blocks, the open side of the block group of the same type must be covered by an end plate or partition.
- If adjacent DIN rail terminal blocks are jumpered or if jumpered DIN rail terminal blocks are positioned next to unjumpered DIN rail terminal blocks, a partition plate must be inserted between the individual terminal block groups or at the beginning and end of a laterally or longitudinally connected terminal block (group) in order to meet the specified isolation distances. Notched out and jumpering cross connectors can not be used in Ex areas.
- If the terminal blocks are combined with other certified series and sizes and when their accessories are used, the required creepage distances and clearances must be adhered to.
- The feed through terminal blocks and protective conductor terminal blocks are suitable for enclosures for use in explosive gas atmospheres or for use in the presence of combustible dust. For explosive gas atmospheres these enclosures must satisfy the requirements of EN 60079-0 and EN 60079-7. For combustible dust these enclosures must satisfy the requirements of 60079-0 and EN 60079-31.
- If the DIN rail terminal blocks are installed in a housing with protection type "e" (increased safety) according to EN 60079-7, the clearances and creepage distances stated in Table 2 must be adhered to..
- The indicated values for the current carrying capability refer to a maximum ambient temperature of 40 °C. When the terminal blocks are loaded with the maximum rated current the temperature rise will be max. 45 K.
- Operating temperature range:
  - 40 °C ... +80 °C, series WK(N)/M..., WKF..., WT
  - 20 °C ... +80 °C, series WKFN
- If cables are used whose cross-section is smaller than the nominal cable cross-section, the corresponding lower current must be specified in the EC prototype test certificate for the complete device.
- Due to the heat generated during operation at the specified current and at ambient temperatures of ≤ 40 °C, the DIN rail terminal blocks can be installed in equipment (mainly distribution and connection boxes) suitable for temperature class T6. If DIN rail terminal blocks are installed in equipment with a temperature class ranging from T1 to T5, it must be ensured that the maximum temperature of the insulating parts does not exceed the maximum value in the operating temperature range.

## TEMPERATURE CLASSES

| Temperature class                              | T1  | T2  | T3  | T4  | T5  | T6 |
|------------------------------------------------|-----|-----|-----|-----|-----|----|
| Maximum surface temperature at equipment in °C | 450 | 300 | 200 | 135 | 120 | 85 |



# CUSTOMIZED **ASSEMBLY**



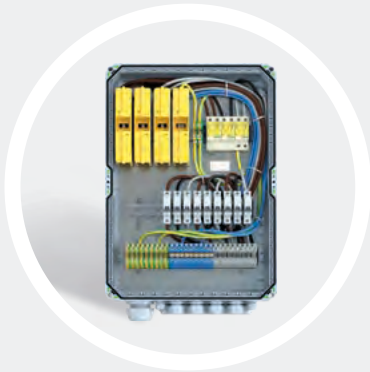
## **TERMINAL BLOCK ASSEMBLIES**

For those who want to make their control cabinet work easier Wieland Electric pre-assembles completely equipped DIN rail terminal block assemblies, even with the cables connected, if required.



## **CABLE ASSEMBLIES**

Individual cables tailored to your needs and combined with various components can be delivered for your project in all lengths.



## **CONTROL AND DISTRIBUTION PANELS**

Our value-add departments will gladly assist you in selecting individual Wieland components, or in laying out complete panels, which we can also build for you.



## **INTERFACE MODULES – SOLUTION SPECIFIC CONNECTIVITY**

Each control cabinet requires distribution functionality. In most cases this is accomplished with standard control panel wiring (0.5 mm or 1.5 mm fine stranded with ferrule) to standardized interfaces (d-sub or ribbon cables). Upon the customer's request Wieland Electric can design individual and customized solutions for all applications, too.



# INDEX

PART NUMBER | PAGE

|               |     |               |     |               |     |               |     |
|---------------|-----|---------------|-----|---------------|-----|---------------|-----|
| 01.108.7653.0 | 139 | 04.342.3556.8 | 34  | 04.343.9253.8 | 155 | 04.420.0581.2 | 146 |
| 01.299.9753.0 | 155 | 04.343.4756.8 | 22  | 04.344.1455.8 | 15  | 04.420.0681.2 | 146 |
| 04.019.0289.0 | 138 | 04.343.4956.8 | 42  | 04.344.1655.8 | 15  | 04.420.0781.0 | 147 |
| 04.019.0289.0 | 138 | 04.343.5056.8 | 42  | 04.344.1855.8 | 15  | 04.420.0781.2 | 147 |
| 04.019.0289.0 | 139 | 04.343.5256.8 | 16  | 04.344.1855.8 | 15  | 04.420.0781.8 | 147 |
| 04.019.0289.0 | 139 | 04.343.5256.8 | 155 | 04.344.2255.8 | 15  | 04.420.1081.0 | 147 |
| 04.019.0289.0 | 153 | 04.343.5356.8 | 16  | 04.344.2655.0 | 118 | 04.420.1081.2 | 147 |
| 04.019.1189.0 | 138 | 04.343.5356.8 | 155 | 04.344.2655.0 | 119 | 04.420.1081.8 | 147 |
| 04.019.1189.0 | 139 | 04.343.5456.8 | 16  | 04.344.2655.0 | 120 | 04.420.1281.0 | 147 |
| 04.241.1150.0 | 152 | 04.343.5456.8 | 155 | 04.344.2655.0 | 120 | 04.420.1281.2 | 147 |
| 04.242.0850.0 | 150 | 04.343.6053.8 | 98  | 04.344.2655.0 | 120 | 04.420.1381.0 | 147 |
| 04.242.0950.0 | 153 | 04.343.6053.8 | 98  | 04.400.0081.2 | 143 | 04.420.1481.2 | 147 |
| 04.242.1250.0 | 153 | 04.343.6153.8 | 67  | 04.400.0281.2 | 143 | 04.420.1581.2 | 146 |
| 04.242.1553.0 | 150 | 04.343.6153.8 | 74  | 04.400.0281.2 | 149 | 04.420.1581.8 | 146 |
| 04.242.2853.0 | 153 | 04.343.6153.8 | 90  | 04.403.0056.0 | 143 | 04.420.1681.2 | 146 |
| 04.242.5053.0 | 150 | 04.343.6153.8 | 91  | 04.405.0056.0 | 143 | 04.420.1681.8 | 146 |
| 04.242.5153.0 | 150 | 04.343.6153.8 | 93  | 04.405.1056.0 | 143 | 04.420.1781.2 | 146 |
| 04.242.6053.0 | 151 | 04.343.6153.8 | 155 | 04.405.1156.0 | 143 | 04.420.1781.8 | 146 |
| 04.242.6353.0 | 151 | 04.343.6253.8 | 68  | 04.405.1256.0 | 143 | 04.420.1881.2 | 146 |
| 04.242.8053.0 | 151 | 04.343.6253.8 | 75  | 04.406.0056.0 | 143 | 04.543.0056.0 | 150 |
| 04.243.0755.0 | 81  | 04.343.6253.8 | 155 | 04.406.0156.0 | 143 | 04.543.0156.0 | 150 |
| 04.243.0855.0 | 83  | 04.343.6453.8 | 69  | 04.408.0056.0 | 143 | 04.543.0256.0 | 150 |
| 04.243.0855.0 | 85  | 04.343.6453.8 | 77  | 04.410.0181.0 | 144 | 04.543.0356.0 | 150 |
| 04.243.0855.0 | 124 | 04.343.6453.8 | 155 | 04.410.0281.0 | 144 | 04.543.0456.0 | 150 |
| 04.243.0855.0 | 124 | 04.343.6653.8 | 65  | 04.410.0381.0 | 144 | 04.543.0556.0 | 150 |
| 04.243.0953.0 | 78  | 04.343.6653.8 | 67  | 04.410.0481.0 | 144 | 04.543.0656.0 | 150 |
| 04.243.0953.0 | 78  | 04.343.6653.8 | 70  | 04.410.0581.0 | 144 | 04.543.0756.0 | 150 |
| 04.243.0953.0 | 78  | 04.343.6653.8 | 70  | 04.410.0681.0 | 144 | 04.543.0856.0 | 150 |
| 04.243.2053.0 | 150 | 04.343.6653.8 | 77  | 04.410.0781.0 | 144 | 04.543.0956.0 | 150 |
| 04.243.8550.0 | 138 | 04.343.6653.8 | 93  | 04.410.0881.0 | 144 | 04.543.1056.0 | 150 |
| 04.243.8550.0 | 139 | 04.343.6653.8 | 155 | 04.410.0981.0 | 144 | 04.553.0056.0 | 150 |
| 04.244.0053.0 | 104 | 04.343.6853.8 | 99  | 04.410.1081.2 | 144 | 04.553.0156.0 | 150 |
| 04.244.0053.0 | 105 | 04.343.6953.8 | 155 | 04.410.1081.8 | 144 | 04.553.0256.0 | 150 |
| 04.244.0053.0 | 107 | 04.343.8353.8 | 65  | 04.410.1281.2 | 144 | 04.553.0356.0 | 150 |
| 04.312.2056.0 | 33  | 04.343.8353.8 | 73  | 04.410.1481.8 | 145 | 04.553.0456.0 | 150 |
| 04.326.2053.8 | 22  | 04.343.8353.8 | 81  | 04.410.1581.0 | 145 | 04.553.0556.0 | 150 |
| 04.326.2053.8 | 27  | 04.343.8353.8 | 83  | 04.410.1681.2 | 145 | 04.553.0656.0 | 150 |
| 04.326.2053.8 | 35  | 04.343.8353.8 | 85  | 04.410.1781.0 | 145 | 04.553.0756.0 | 150 |
| 04.326.2153.8 | 37  | 04.343.8353.8 | 89  | 04.410.1881.2 | 145 | 04.553.0856.0 | 150 |
| 04.326.2253.8 | 42  | 04.343.8353.8 | 97  | 04.410.1981.0 | 145 | 04.553.0956.0 | 150 |
| 04.326.2353.8 | 42  | 04.343.8353.8 | 98  | 04.410.2081.2 | 145 | 04.553.1056.0 | 150 |
| 04.326.2553.8 | 16  | 04.343.8353.8 | 99  | 04.410.2081.8 | 145 | 04.553.3156.0 | 150 |
| 04.326.2653.8 | 16  | 04.343.8353.8 | 155 | 04.420.0181.2 | 146 | 04.553.3256.0 | 150 |
| 04.326.2953.8 | 50  | 04.343.9056.8 | 35  | 04.420.0181.8 | 146 | 04.841.1150.0 | 152 |
| 04.326.3053.8 | 50  | 04.343.9156.8 | 35  | 04.420.0381.2 | 146 | 04.841.1250.0 | 152 |
| 04.342.0556.0 | 27  | 04.343.9253.8 | 77  | 04.420.0481.2 | 146 | 04.841.1350.0 | 152 |



# INDEX

PART NUMBER | PAGE

|               |     |               |     |               |     |               |     |
|---------------|-----|---------------|-----|---------------|-----|---------------|-----|
| 04.841.1450.0 | 152 | 04.842.6053.0 | 151 | 04.855.0053.0 | 150 | 04.858.3253.0 | 151 |
| 04.841.1550.0 | 152 | 04.842.6553.0 | 151 | 04.855.0153.0 | 150 | 04.900.0000.0 | 153 |
| 04.841.1650.0 | 152 | 04.842.7953.0 | 151 | 04.855.0253.0 | 150 | 04.900.1053.0 | 153 |
| 04.841.1750.0 | 152 | 04.842.8053.0 | 151 | 04.855.0253.5 | 27  | 04.900.2053.0 | 153 |
| 04.841.1850.0 | 152 | 04.842.8553.0 | 151 | 04.855.0353.0 | 150 | 04.900.3053.0 | 153 |
| 04.841.1950.0 | 152 | 04.842.8553.0 | 151 | 04.855.0353.6 | 27  | 04.900.4053.0 | 153 |
| 04.841.2050.0 | 152 | 04.843.2053.0 | 150 | 04.855.0453.0 | 150 | 05.502.4000.0 | 156 |
| 04.841.2150.0 | 152 | 04.844.2053.0 | 104 | 04.855.0553.0 | 150 | 05.502.4000.0 | 156 |
| 04.841.2250.0 | 152 | 04.844.2053.0 | 105 | 04.855.0653.0 | 150 | 05.502.4100.0 | 156 |
| 04.841.2350.0 | 152 | 04.844.2053.0 | 107 | 04.855.0753.0 | 150 | 05.502.4100.0 | 156 |
| 04.841.2450.0 | 152 | 04.844.2153.0 | 104 | 04.855.0853.0 | 150 | 05.511.2953.0 | 41  |
| 04.841.2550.0 | 152 | 04.844.2153.0 | 105 | 04.855.0953.0 | 150 | 05.511.2953.6 | 41  |
| 04.841.2650.0 | 152 | 04.844.2153.0 | 107 | 04.855.1053.0 | 150 | 05.511.2953.7 | 41  |
| 04.841.2750.0 | 152 | 04.844.2253.0 | 104 | 04.855.1153.0 | 153 | 05.511.2953.8 | 41  |
| 04.841.2850.0 | 152 | 04.844.2253.0 | 105 | 04.855.1253.0 | 153 | 05.511.2953.9 | 41  |
| 04.841.2950.0 | 152 | 04.844.2253.0 | 107 | 04.855.3153.0 | 150 | 05.561.0053.0 | 34  |
| 04.841.3050.0 | 152 | 04.845.0153.0 | 150 | 04.855.3253.0 | 150 | 05.561.0053.0 | 34  |
| 04.841.3150.0 | 152 | 04.845.0253.0 | 150 | 04.856.0053.0 | 151 | 05.561.0053.0 | 99  |
| 04.841.3250.0 | 152 | 04.845.0353.0 | 150 | 04.856.0153.0 | 151 | 05.561.4125.0 | 35  |
| 04.841.3350.0 | 152 | 04.845.0453.0 | 150 | 04.856.0253.0 | 151 | 05.561.6553.0 | 98  |
| 04.841.3450.0 | 152 | 04.845.0553.0 | 150 | 04.856.0353.0 | 151 | 05.561.6553.0 | 98  |
| 04.841.3550.0 | 152 | 04.845.0653.0 | 150 | 04.856.0453.0 | 151 | 05.561.6553.0 | 104 |
| 04.841.3650.0 | 152 | 04.845.0753.0 | 150 | 04.856.0553.0 | 151 | 05.561.6553.0 | 105 |
| 04.841.3750.0 | 152 | 04.845.0853.0 | 150 | 04.856.0653.0 | 151 | 05.561.6553.0 | 107 |
| 04.841.3850.0 | 152 | 04.845.0953.0 | 150 | 04.856.0753.0 | 151 | 05.561.6653.0 | 98  |
| 04.841.3950.0 | 152 | 04.845.1053.0 | 150 | 04.856.0853.0 | 151 | 05.561.6653.0 | 98  |
| 04.841.4050.0 | 152 | 04.846.0153.0 | 151 | 04.856.0953.0 | 151 | 05.561.6653.0 | 104 |
| 04.841.4150.0 | 152 | 04.846.0253.0 | 151 | 04.856.1053.0 | 151 | 05.561.6653.0 | 105 |
| 04.841.4250.0 | 152 | 04.846.0353.0 | 151 | 04.856.1153.0 | 153 | 05.561.6653.0 | 107 |
| 04.841.4350.0 | 152 | 04.846.0453.0 | 151 | 04.856.1253.0 | 153 | 05.561.6753.0 | 98  |
| 04.841.4450.0 | 152 | 04.846.0553.0 | 151 | 04.856.3153.0 | 151 | 05.561.6753.0 | 98  |
| 04.841.4550.0 | 152 | 04.846.0653.0 | 151 | 04.856.3253.0 | 151 | 05.561.6753.0 | 104 |
| 04.841.4650.0 | 152 | 04.846.0753.0 | 151 | 04.858.0053.0 | 151 | 05.561.6753.0 | 105 |
| 04.841.4750.0 | 152 | 04.846.0853.0 | 151 | 04.858.0153.0 | 151 | 05.561.6753.0 | 107 |
| 04.841.7450.0 | 152 | 04.846.0953.0 | 151 | 04.858.0253.0 | 151 | 05.561.8553.0 | 67  |
| 04.841.7550.0 | 152 | 04.846.1053.0 | 151 | 04.858.0353.0 | 151 | 05.561.8553.0 | 74  |
| 04.841.7650.0 | 152 | 04.848.0153.0 | 151 | 04.858.0453.0 | 151 | 05.561.8553.0 | 87  |
| 04.841.7750.0 | 152 | 04.848.0253.0 | 151 | 04.858.0553.0 | 151 | 05.561.8553.0 | 90  |
| 04.841.9050.0 | 152 | 04.848.0353.0 | 151 | 04.858.0653.0 | 151 | 05.561.8553.0 | 91  |
| 04.841.9150.0 | 152 | 04.848.0453.0 | 151 | 04.858.0753.0 | 151 | 05.561.8553.0 | 93  |
| 04.842.0850.0 | 150 | 04.848.0553.0 | 151 | 04.858.0853.0 | 151 | 05.561.8553.0 | 156 |
| 04.842.1553.0 | 150 | 04.848.0653.0 | 151 | 04.858.0953.0 | 151 | 05.561.8653.0 | 67  |
| 04.842.4953.0 | 150 | 04.848.0753.0 | 151 | 04.858.1053.0 | 151 | 05.561.8653.0 | 74  |
| 04.842.5053.0 | 150 | 04.848.0853.0 | 151 | 04.858.1153.0 | 153 | 05.561.8653.0 | 87  |
| 04.842.5553.0 | 151 | 04.848.0953.0 | 151 | 04.858.1253.0 | 153 | 05.561.8653.0 | 90  |
| 04.842.5953.0 | 151 | 04.848.1053.0 | 151 | 04.858.3153.0 | 151 | 05.561.8653.0 | 91  |

# INDEX

PART NUMBER | PAGE

|               |     |               |     |               |     |               |     |
|---------------|-----|---------------|-----|---------------|-----|---------------|-----|
| 05.561.8653.0 | 93  | 05.564.3855.0 | 123 | 06.502.4100.0 | 127 | 06.600.3327.0 | 157 |
| 05.561.8653.0 | 156 | 05.564.3855.0 | 125 | 06.502.4100.0 | 156 | 06.600.3427.0 | 157 |
| 05.561.8753.0 | 67  | 05.564.3855.0 | 156 | 06.502.4200.0 | 65  | 06.600.3527.0 | 157 |
| 05.561.8753.0 | 74  | 05.564.3955.0 | 65  | 06.502.4200.0 | 67  | 06.600.4027.0 | 157 |
| 05.561.8753.0 | 87  | 05.564.3955.0 | 73  | 06.502.4200.0 | 69  | 06.600.4127.0 | 157 |
| 05.561.8753.0 | 90  | 05.564.3955.0 | 81  | 06.502.4200.0 | 71  | 06.600.4227.0 | 157 |
| 05.561.8753.0 | 91  | 05.564.3955.0 | 83  | 06.502.4200.0 | 77  | 06.600.4327.0 | 157 |
| 05.561.8753.0 | 93  | 05.564.3955.0 | 85  | 06.502.4200.0 | 93  | 06.600.4427.0 | 157 |
| 05.561.8753.0 | 156 | 05.564.3955.0 | 89  | 06.502.4200.0 | 156 | 06.600.4527.0 | 157 |
| 05.561.9153.0 | 35  | 05.564.3955.0 | 97  | 06.502.4200.0 | 156 | 06.600.4627.0 | 157 |
| 05.562.2453.0 | 98  | 05.564.3955.0 | 123 | 06.502.4200.0 | 156 | 06.600.4727.0 | 157 |
| 05.562.2453.0 | 99  | 05.564.3955.0 | 125 | 06.502.4300.0 | 63  | 06.600.4827.0 | 157 |
| 05.562.2453.0 | 100 | 05.564.3955.0 | 156 | 06.502.4300.0 | 72  | 06.600.4927.0 | 157 |
| 05.562.2453.0 | 100 | 05.566.6855.9 | 39  | 06.502.4300.0 | 118 | 06.600.5027.0 | 157 |
| 05.562.2453.0 | 101 | 05.567.9155.0 | 97  | 06.502.4300.0 | 119 | 07.201.1227.6 | 46  |
| 05.562.2453.0 | 101 | 05.576.5853.0 | 34  | 06.502.4300.0 | 121 | 07.201.1327.6 | 46  |
| 05.562.2553.0 | 98  | 05.584.0053.0 | 34  | 06.502.4300.0 | 156 | 07.201.3227.6 | 46  |
| 05.562.2553.0 | 99  | 05.902.3500.0 | 104 | 06.502.5000.0 | 65  | 07.201.3327.6 | 46  |
| 05.562.2553.0 | 100 | 05.902.3500.0 | 105 | 06.502.5000.0 | 67  | 07.201.4227.0 | 48  |
| 05.562.2553.0 | 100 | 05.902.3500.0 | 107 | 06.502.5000.0 | 73  | 07.201.4227.0 | 49  |
| 05.562.2553.0 | 101 | 06.502.4000.0 | 65  | 06.502.5000.0 | 74  | 07.201.4327.0 | 48  |
| 05.562.2553.0 | 101 | 06.502.4000.0 | 67  | 06.502.5000.0 | 83  | 07.201.4327.0 | 49  |
| 05.562.2653.0 | 98  | 06.502.4000.0 | 73  | 06.502.5000.0 | 89  | 07.201.4427.0 | 48  |
| 05.562.2653.0 | 99  | 06.502.4000.0 | 74  | 06.502.5000.0 | 90  | 07.201.4427.0 | 49  |
| 05.562.2653.0 | 100 | 06.502.4000.0 | 83  | 06.502.5000.0 | 91  | 07.201.5227.6 | 46  |
| 05.562.2653.0 | 100 | 06.502.4000.0 | 89  | 06.502.5000.0 | 93  | 07.201.5327.6 | 46  |
| 05.562.2653.0 | 101 | 06.502.4000.0 | 90  | 06.502.5000.0 | 97  | 07.201.7227.6 | 47  |
| 05.562.2653.0 | 101 | 06.502.4000.0 | 91  | 06.502.5000.0 | 97  | 07.201.7327.6 | 47  |
| 05.563.5453.0 | 41  | 06.502.4000.0 | 93  | 06.502.5000.0 | 103 | 07.201.8227.0 | 49  |
| 05.564.3755.0 | 65  | 06.502.4000.0 | 97  | 06.502.5000.0 | 123 | 07.201.8327.0 | 49  |
| 05.564.3755.0 | 73  | 06.502.4000.0 | 97  | 06.502.5000.0 | 125 | 07.201.8427.0 | 49  |
| 05.564.3755.0 | 81  | 06.502.4000.0 | 99  | 06.502.5000.0 | 156 | 07.201.9227.6 | 47  |
| 05.564.3755.0 | 83  | 06.502.4000.0 | 100 | 06.502.5000.0 | 156 | 07.201.9327.6 | 47  |
| 05.564.3755.0 | 85  | 06.502.4000.0 | 100 | 06.600.2027.0 | 157 | 07.205.1227.0 | 48  |
| 05.564.3755.0 | 89  | 06.502.4000.0 | 101 | 06.600.2127.0 | 157 | 07.205.1327.0 | 48  |
| 05.564.3755.0 | 97  | 06.502.4000.0 | 101 | 06.600.2227.0 | 157 | 07.205.1427.0 | 48  |
| 05.564.3755.0 | 123 | 06.502.4000.0 | 103 | 06.600.2327.0 | 157 | 07.205.5227.0 | 47  |
| 05.564.3755.0 | 125 | 06.502.4000.0 | 104 | 06.600.2427.0 | 157 | 07.205.5327.0 | 47  |
| 05.564.3755.0 | 156 | 06.502.4000.0 | 105 | 06.600.2527.0 | 157 | 07.205.7227.0 | 47  |
| 05.564.3855.0 | 65  | 06.502.4000.0 | 107 | 06.600.2627.0 | 157 | 07.205.7327.0 | 47  |
| 05.564.3855.0 | 73  | 06.502.4000.0 | 123 | 06.600.2727.0 | 157 | 07.205.8227.0 | 47  |
| 05.564.3855.0 | 81  | 06.502.4000.0 | 125 | 06.600.2827.0 | 157 | 07.205.8327.0 | 47  |
| 05.564.3855.0 | 83  | 06.502.4000.0 | 156 | 06.600.2927.0 | 157 | 07.205.9227.0 | 47  |
| 05.564.3855.0 | 85  | 06.502.4000.0 | 156 | 06.600.3027.0 | 157 | 07.205.9327.0 | 47  |
| 05.564.3855.0 | 89  | 06.502.4100.0 | 68  | 06.600.3127.0 | 157 | 07.257.0227.0 | 27  |
| 05.564.3855.0 | 97  | 06.502.4100.0 | 75  | 06.600.3227.0 | 157 | 07.257.0327.0 | 27  |



# INDEX

PART NUMBER | PAGE

|               |     |               |     |               |     |               |     |
|---------------|-----|---------------|-----|---------------|-----|---------------|-----|
| 07.257.2027.0 | 27  | 07.311.9055.0 | 34  | 07.312.6755.0 | 122 | 07.312.8053.0 | 113 |
| 07.300.6955.0 | 43  | 07.311.9155.0 | 34  | 07.312.6755.0 | 123 | 07.312.8153.0 | 62  |
| 07.300.7055.0 | 43  | 07.311.9455.0 | 55  | 07.312.6755.6 | 64  | 07.312.8153.0 | 72  |
| 07.310.5855.0 | 36  | 07.311.9455.0 | 55  | 07.312.6855.0 | 64  | 07.312.8353.0 | 62  |
| 07.310.9355.0 | 27  | 07.311.9855.0 | 34  | 07.312.6855.0 | 122 | 07.312.8353.0 | 72  |
| 07.310.9455.0 | 27  | 07.312.0453.0 | 39  | 07.312.6855.0 | 123 | 07.312.8553.0 | 62  |
| 07.311.0753.0 | 50  | 07.312.0453.0 | 41  | 07.312.6955.0 | 64  | 07.312.8553.0 | 72  |
| 07.311.0853.0 | 50  | 07.312.0453.0 | 42  | 07.312.6955.0 | 73  | 07.312.8753.0 | 78  |
| 07.311.0853.0 | 50  | 07.312.0453.0 | 42  | 07.312.6955.0 | 88  | 07.312.8753.0 | 78  |
| 07.311.0853.6 | 50  | 07.312.0453.0 | 43  | 07.312.6955.0 | 96  | 07.312.8753.0 | 78  |
| 07.311.0853.6 | 50  | 07.312.0453.0 | 43  | 07.312.6955.0 | 122 | 07.312.9055.0 | 66  |
| 07.311.1853.0 | 50  | 07.312.0555.0 | 26  | 07.312.6955.0 | 123 | 07.312.9055.0 | 74  |
| 07.311.1853.0 | 50  | 07.312.0555.0 | 26  | 07.312.6955.6 | 64  | 07.312.9055.0 | 90  |
| 07.311.2053.8 | 22  | 07.312.1255.0 | 25  | 07.312.6955.6 | 96  | 07.312.9055.0 | 90  |
| 07.311.2053.8 | 27  | 07.312.1255.0 | 25  | 07.312.7055.0 | 64  | 07.312.9055.0 | 91  |
| 07.311.2053.8 | 35  | 07.312.1555.0 | 34  | 07.312.7055.0 | 88  | 07.312.9055.0 | 92  |
| 07.311.2153.8 | 37  | 07.312.1655.0 | 34  | 07.312.7055.0 | 96  | 07.312.9055.0 | 92  |
| 07.311.2853.8 | 50  | 07.312.1755.0 | 22  | 07.312.7055.0 | 122 | 07.312.9055.6 | 66  |
| 07.311.2953.8 | 50  | 07.312.1855.0 | 22  | 07.312.7055.0 | 123 | 07.312.9155.0 | 66  |
| 07.311.3855.0 | 37  | 07.312.1955.0 | 54  | 07.312.7155.0 | 64  | 07.312.9155.0 | 90  |
| 07.311.4155.0 | 33  | 07.312.1955.0 | 54  | 07.312.7155.0 | 73  | 07.312.9155.0 | 90  |
| 07.311.4255.0 | 36  | 07.312.2153.0 | 110 | 07.312.7155.0 | 88  | 07.312.9155.0 | 91  |
| 07.311.4355.0 | 36  | 07.312.2153.0 | 110 | 07.312.7155.0 | 122 | 07.312.9155.0 | 92  |
| 07.311.4655.0 | 37  | 07.312.2253.0 | 110 | 07.312.7155.0 | 123 | 07.312.9155.0 | 92  |
| 07.311.6155.0 | 29  | 07.312.2253.0 | 110 | 07.312.7155.6 | 64  | 07.312.9255.0 | 66  |
| 07.311.6155.0 | 30  | 07.312.2953.0 | 105 | 07.312.7255.0 | 64  | 07.312.9255.0 | 74  |
| 07.311.6155.0 | 30  | 07.312.2953.0 | 107 | 07.312.7255.0 | 88  | 07.312.9255.6 | 66  |
| 07.311.6155.0 | 30  | 07.312.2953.6 | 105 | 07.312.7255.0 | 122 | 07.312.9355.0 | 66  |
| 07.311.6555.0 | 56  | 07.312.2953.6 | 107 | 07.312.7255.0 | 123 | 07.312.9455.0 | 66  |
| 07.311.6555.0 | 56  | 07.312.2953.9 | 105 | 07.312.7355.0 | 81  | 07.312.9455.0 | 74  |
| 07.311.6555.0 | 56  | 07.312.2953.9 | 107 | 07.312.7355.0 | 96  | 07.312.9455.6 | 66  |
| 07.311.6855.0 | 57  | 07.312.3153.0 | 104 | 07.312.7355.0 | 124 | 07.312.9555.0 | 66  |
| 07.311.6855.0 | 57  | 07.312.3153.6 | 104 | 07.312.7355.0 | 124 | 07.312.9655.0 | 87  |
| 07.311.6955.0 | 56  | 07.312.3153.9 | 104 | 07.312.7355.0 | 124 | 07.312.9755.0 | 87  |
| 07.311.6955.0 | 56  | 07.312.3553.0 | 99  | 07.312.7455.0 | 81  | 07.313.0055.0 | 88  |
| 07.311.7855.0 | 16  | 07.312.3653.0 | 99  | 07.312.7455.0 | 96  | 07.313.0055.0 | 96  |
| 07.311.7955.0 | 16  | 07.312.4153.0 | 98  | 07.312.7455.0 | 124 | 07.313.0155.0 | 88  |
| 07.311.8155.0 | 29  | 07.312.4153.0 | 98  | 07.312.7455.0 | 124 | 07.313.0155.0 | 96  |
| 07.311.8155.0 | 30  | 07.312.4153.6 | 98  | 07.312.7555.0 | 85  | 07.313.0253.0 | 128 |
| 07.311.8155.0 | 30  | 07.312.4753.0 | 98  | 07.312.7655.0 | 85  | 07.313.0253.0 | 128 |
| 07.311.8155.0 | 30  | 07.312.5653.0 | 109 | 07.312.7755.0 | 83  | 07.313.0253.0 | 128 |
| 07.311.8353.0 | 112 | 07.312.5953.0 | 103 | 07.312.7755.0 | 89  | 07.313.0253.0 | 129 |
| 07.311.8353.0 | 112 | 07.312.6053.0 | 15  | 07.312.7755.0 | 89  | 07.313.0353.0 | 129 |
| 07.311.8353.0 | 112 | 07.312.6053.0 | 155 | 07.312.7855.0 | 83  | 07.313.0455.0 | 68  |
| 07.311.8353.0 | 113 | 07.312.6755.0 | 64  | 07.312.7855.0 | 89  | 07.313.0455.0 | 75  |
| 07.311.8855.0 | 55  | 07.312.6755.0 | 73  | 07.312.7855.0 | 89  | 07.313.0455.6 | 68  |

# INDEX

PART NUMBER | PAGE

|               |    |               |     |               |    |               |     |
|---------------|----|---------------|-----|---------------|----|---------------|-----|
| 07.313.0555.0 | 68 | 07.313.2955.0 | 20  | 07.340.0353.0 | 48 | 25.920.3853.0 | 99  |
| 07.313.0655.0 | 68 | 07.313.2955.0 | 21  | 07.340.1053.0 | 48 | 25.920.3953.0 | 99  |
| 07.313.0655.0 | 75 | 07.313.2955.0 | 21  | 07.340.1053.0 | 49 | 25.920.4053.0 | 99  |
| 07.313.0655.6 | 68 | 07.313.2955.0 | 21  | 07.340.1053.0 | 49 | 25.920.4153.0 | 99  |
| 07.313.0755.0 | 68 | 07.313.3155.0 | 20  | 07.340.3553.0 | 47 | 25.920.4253.0 | 99  |
| 07.313.0855.0 | 69 | 07.313.3355.0 | 23  | 07.340.3653.0 | 47 | 25.920.4353.0 | 99  |
| 07.313.0855.0 | 76 | 07.313.3355.0 | 23  | 07.340.3753.0 | 47 | 25.920.4453.0 | 99  |
| 07.313.0855.6 | 69 | 07.313.3355.0 | 23  | 07.340.3753.0 | 47 | 25.920.4553.0 | 99  |
| 07.313.0955.0 | 69 | 07.313.3355.0 | 24  | 07.431.7053.8 | 46 | 25.920.4653.0 | 99  |
| 07.313.1055.0 | 69 | 07.313.4155.0 | 126 | 07.431.7153.8 | 46 | 30.494.3021.6 | 54  |
| 07.313.1055.0 | 76 | 07.313.4155.0 | 127 | 07.431.7253.8 | 46 | 30.494.3021.6 | 54  |
| 07.313.1055.6 | 69 | 07.313.4255.0 | 126 | 07.431.7353.8 | 47 | 30.494.3021.6 | 54  |
| 07.313.1155.0 | 69 | 07.313.4255.0 | 127 | 07.431.7353.8 | 47 | 30.494.3021.6 | 109 |
| 07.313.1255.0 | 70 | 07.313.4355.0 | 54  | 25.320.0253.0 | 35 | 30.494.3021.6 | 109 |
| 07.313.1255.0 | 76 | 07.313.4455.0 | 118 | 25.320.1653.0 | 35 | 30.494.3021.6 | 109 |
| 07.313.1255.6 | 70 | 07.313.4455.0 | 119 | 25.320.3253.0 | 35 | 30.494.4021.1 | 135 |
| 07.313.1355.0 | 70 | 07.313.4555.0 | 118 | 25.320.4653.0 | 35 | 30.494.4021.6 | 54  |
| 07.313.1455.0 | 70 | 07.313.4555.0 | 119 | 25.325.0253.0 | 35 | 30.494.4021.6 | 54  |
| 07.313.1455.0 | 77 | 07.313.4655.0 | 118 | 25.325.1653.0 | 35 | 30.494.4021.6 | 54  |
| 07.313.1455.6 | 70 | 07.313.4655.0 | 119 | 25.325.3253.0 | 35 | 30.494.4021.6 | 109 |
| 07.313.1555.0 | 70 | 07.313.4755.0 | 120 | 25.325.4653.0 | 35 | 30.494.4021.6 | 109 |
| 07.313.1655.0 | 90 | 07.313.4755.0 | 120 | 25.360.0253.0 | 35 | 30.494.4021.6 | 109 |
| 07.313.1655.0 | 92 | 07.313.4755.0 | 120 | 25.360.1253.0 | 35 | 30.494.4121.0 | 54  |
| 07.313.1655.0 | 92 | 07.313.4855.0 | 121 | 25.360.3253.0 | 35 | 30.494.4121.0 | 54  |
| 07.313.1755.0 | 39 | 07.313.4855.0 | 121 | 25.360.4253.0 | 35 | 30.494.4121.0 | 54  |
| 07.313.2355.0 | 42 | 07.313.4855.0 | 121 | 25.920.0253.0 | 99 | 30.494.4121.0 | 109 |
| 07.313.2455.0 | 42 | 07.313.4955.0 | 118 | 25.920.0353.0 | 99 | 30.494.4121.0 | 109 |
| 07.313.2555.0 | 14 | 07.313.4955.0 | 119 | 25.920.0453.0 | 99 | 30.494.4121.0 | 109 |
| 07.313.2555.0 | 14 | 07.313.5155.0 | 80  | 25.920.0553.0 | 99 | 30.494.4121.0 | 135 |
| 07.313.2555.0 | 14 | 07.313.5155.0 | 80  | 25.920.0653.0 | 99 | 32.530.0053.0 | 47  |
| 07.313.2555.0 | 15 | 07.313.5155.0 | 80  | 25.920.0753.0 | 99 | 32.540.0053.0 | 47  |
| 07.313.2555.0 | 18 | 07.313.5255.0 | 126 | 25.920.0853.0 | 99 | 32.550.0053.0 | 47  |
| 07.313.2555.0 | 18 | 07.313.5255.0 | 126 | 25.920.0953.0 | 99 | 32.560.0053.0 | 47  |
| 07.313.2555.0 | 18 | 07.313.5255.0 | 127 | 25.920.1053.0 | 99 | 37.702.7453.0 | 100 |
| 07.313.2555.0 | 19 | 07.313.5255.0 | 127 | 25.920.1153.0 | 99 | 37.702.7553.0 | 100 |
| 07.313.2655.0 | 15 | 07.313.5355.0 | 126 | 25.920.1253.0 | 99 | 37.702.7653.0 | 101 |
| 07.313.2755.0 | 15 | 07.313.5355.0 | 127 | 25.920.1353.0 | 99 | 37.702.8453.0 | 100 |
| 07.313.2755.0 | 19 | 07.313.5455.0 | 126 | 25.920.1453.0 | 99 | 37.702.8553.0 | 100 |
| 07.313.2855.0 | 15 | 07.313.5455.0 | 127 | 25.920.1553.0 | 99 | 37.702.8653.0 | 101 |
| 07.313.2855.0 | 20 | 07.313.5555.0 | 118 | 25.920.1653.0 | 99 | 37.703.0553.0 | 104 |
| 07.313.2855.0 | 20 | 07.313.5555.0 | 118 | 25.920.3253.0 | 99 | 37.703.0553.6 | 104 |
| 07.313.2855.0 | 21 | 07.313.5555.0 | 119 | 25.920.3353.0 | 99 | 37.703.0553.9 | 104 |
| 07.313.2855.0 | 21 | 07.313.5555.0 | 119 | 25.920.3453.0 | 99 | 37.703.1053.0 | 104 |
| 07.313.2855.0 | 21 | 07.313.5555.0 | 120 | 25.920.3553.0 | 99 | 37.703.1053.6 | 104 |
| 07.313.2855.0 | 23 | 07.313.5555.0 | 120 | 25.920.3653.0 | 99 | 37.703.1053.9 | 104 |
| 07.313.2855.0 | 23 | 07.313.5555.0 | 120 | 25.920.3753.0 | 99 | 38.703.0553.0 | 105 |





# INDEX

PART NUMBER | PAGE

|               |     |               |     |               |     |               |     |
|---------------|-----|---------------|-----|---------------|-----|---------------|-----|
| 38.703.0553.6 | 105 | 56.202.8055.0 | 121 | 56.397.1255.0 | 48  | 56.703.0553.7 | 107 |
| 38.703.0553.9 | 105 | 56.202.8155.0 | 121 | 56.398.0055.0 | 49  | 56.703.0553.9 | 107 |
| 38.703.1053.0 | 105 | 56.202.8255.0 | 121 | 56.398.1055.0 | 49  | 56.703.1053.0 | 107 |
| 38.703.1053.6 | 105 | 56.202.9055.0 | 119 | 56.399.0055.0 | 49  | 56.703.1053.6 | 107 |
| 38.703.1053.9 | 105 | 56.202.9155.0 | 119 | 56.399.0155.0 | 49  | 56.703.1053.7 | 107 |
| 39.703.0153.0 | 104 | 56.202.9255.0 | 120 | 56.399.0255.0 | 49  | 56.703.1053.9 | 107 |
| 39.703.0153.6 | 104 | 56.202.9355.0 | 119 | 56.399.1055.0 | 49  | 56.703.2053.0 | 98  |
| 39.703.0153.9 | 104 | 56.202.9555.0 | 121 | 56.399.1255.0 | 49  | 56.703.2053.6 | 98  |
| 39.703.0253.0 | 104 | 56.202.9655.0 | 121 | 56.404.8855.0 | 57  | 56.703.2155.0 | 96  |
| 39.703.0253.6 | 104 | 56.203.0055.0 | 122 | 56.404.9155.0 | 57  | 56.703.2155.6 | 96  |
| 39.703.0253.9 | 104 | 56.203.0055.6 | 122 | 56.404.9255.0 | 56  | 56.703.2255.0 | 96  |
| 55.503.1053.0 | 50  | 56.203.5055.0 | 122 | 56.404.9455.0 | 56  | 56.703.2355.0 | 96  |
| 55.503.1053.6 | 50  | 56.203.5055.6 | 122 | 56.404.9555.0 | 56  | 56.703.2355.6 | 96  |
| 55.504.1053.0 | 50  | 56.203.5155.0 | 122 | 56.404.9655.0 | 56  | 56.703.2455.0 | 96  |
| 55.504.1053.6 | 50  | 56.203.5155.6 | 122 | 56.404.9755.0 | 56  | 56.703.2955.1 | 84  |
| 55.504.9153.0 | 50  | 56.203.6955.1 | 124 | 56.404.9855.0 | 56  | 56.703.3055.0 | 84  |
| 55.703.0053.0 | 103 | 56.203.7055.0 | 124 | 56.503.7355.0 | 26  | 56.703.3255.0 | 85  |
| 55.703.0053.6 | 103 | 56.203.8553.0 | 129 | 56.503.7455.0 | 26  | 56.703.3355.0 | 85  |
| 55.703.0553.0 | 106 | 56.203.8653.0 | 129 | 56.503.7555.0 | 26  | 56.703.3455.0 | 96  |
| 55.703.0553.6 | 106 | 56.203.8953.0 | 128 | 56.503.7655.0 | 26  | 56.703.3555.1 | 96  |
| 55.703.0553.7 | 106 | 56.203.8955.0 | 124 | 56.503.8355.0 | 25  | 56.703.3655.0 | 96  |
| 55.703.0553.9 | 106 | 56.203.9055.0 | 123 | 56.503.8455.0 | 25  | 56.703.4755.0 | 80  |
| 55.703.1053.0 | 106 | 56.203.9155.0 | 123 | 56.503.8555.0 | 25  | 56.703.4855.1 | 80  |
| 55.703.1053.6 | 106 | 56.203.9355.0 | 123 | 56.510.9255.0 | 55  | 56.703.4955.0 | 80  |
| 55.703.1053.7 | 106 | 56.203.9453.0 | 128 | 56.516.9255.0 | 55  | 56.703.5055.0 | 64  |
| 55.703.1053.9 | 106 | 56.203.9553.0 | 129 | 56.535.9255.0 | 55  | 56.703.5055.6 | 64  |
| 55.703.9053.0 | 103 | 56.203.9653.0 | 128 | 56.702.0053.0 | 62  | 56.703.5155.0 | 64  |
| 56.106.0055.0 | 39  | 56.203.9753.0 | 128 | 56.702.0053.6 | 62  | 56.703.5155.6 | 64  |
| 56.106.0155.0 | 39  | 56.203.9853.0 | 128 | 56.702.2053.0 | 98  | 56.703.5355.0 | 88  |
| 56.106.0553.0 | 41  | 56.206.0055.0 | 126 | 56.702.5053.0 | 62  | 56.703.5455.0 | 88  |
| 56.106.0653.0 | 41  | 56.206.0055.6 | 126 | 56.702.5053.6 | 62  | 56.703.5555.0 | 88  |
| 56.106.0755.0 | 39  | 56.206.5055.0 | 126 | 56.702.5153.0 | 62  | 56.703.5955.1 | 82  |
| 56.106.0855.0 | 39  | 56.206.5055.6 | 126 | 56.702.5153.6 | 62  | 56.703.6055.0 | 82  |
| 56.135.1055.0 | 46  | 56.206.5155.0 | 126 | 56.702.6953.1 | 78  | 56.703.6155.0 | 83  |
| 56.170.1055.0 | 46  | 56.206.5155.6 | 126 | 56.702.7053.0 | 99  | 56.703.6255.0 | 82  |
| 56.197.1055.0 | 46  | 56.206.9055.0 | 127 | 56.702.7653.0 | 78  | 56.703.6355.0 | 82  |
| 56.198.1055.0 | 47  | 56.206.9155.0 | 127 | 56.702.9053.0 | 72  | 56.703.6455.0 | 83  |
| 56.199.1055.0 | 47  | 56.206.9355.0 | 127 | 56.702.9153.0 | 72  | 56.703.6555.0 | 89  |
| 56.202.0055.0 | 118 | 56.395.0055.0 | 48  | 56.702.9253.0 | 78  | 56.703.6655.0 | 89  |
| 56.202.0055.6 | 118 | 56.395.0155.0 | 48  | 56.702.9353.0 | 72  | 56.703.6955.1 | 79  |
| 56.202.5055.0 | 118 | 56.395.0255.0 | 48  | 56.703.0053.0 | 110 | 56.703.7055.0 | 79  |
| 56.202.5055.6 | 118 | 56.395.1055.0 | 48  | 56.703.0053.6 | 110 | 56.703.7155.5 | 81  |
| 56.202.5155.0 | 118 | 56.395.1255.0 | 48  | 56.703.0055.0 | 64  | 56.703.7155.9 | 81  |
| 56.202.5155.6 | 118 | 56.397.0055.0 | 48  | 56.703.0055.6 | 64  | 56.703.7355.5 | 81  |
| 56.202.6955.1 | 120 | 56.397.0155.0 | 48  | 56.703.0553.0 | 107 | 56.703.7555.5 | 81  |
| 56.202.7055.0 | 120 | 56.397.0255.0 | 48  | 56.703.0553.6 | 107 | 56.703.7555.9 | 81  |

# INDEX

PART NUMBER | PAGE

|               |     |               |     |               |    |               |    |
|---------------|-----|---------------|-----|---------------|----|---------------|----|
| 56.703.7655.0 | 79  | 56.704.9255.0 | 86  | 57.106.1055.0 | 43 | 57.516.1155.6 | 55 |
| 56.703.7755.0 | 81  | 56.704.9355.0 | 74  | 57.106.1155.0 | 43 | 57.516.8255.0 | 54 |
| 56.703.7855.0 | 81  | 56.706.0053.0 | 110 | 57.110.1555.0 | 31 | 57.535.0155.0 | 16 |
| 56.703.7955.5 | 81  | 56.706.0053.6 | 110 | 57.110.1655.0 | 31 | 57.535.0155.6 | 16 |
| 56.703.8155.9 | 81  | 56.706.0055.0 | 68  | 57.403.6955.1 | 22 | 57.535.1155.0 | 55 |
| 56.703.8255.5 | 81  | 56.706.0055.6 | 68  | 57.403.7055.0 | 22 | 57.535.1155.6 | 55 |
| 56.703.8355.5 | 81  | 56.706.5055.0 | 68  | 57.503.2055.0 | 34 | 57.535.9055.0 | 17 |
| 56.703.8653.0 | 113 | 56.706.5055.6 | 68  | 57.503.2155.0 | 34 | 57.570.0155.0 | 16 |
| 56.703.8855.0 | 84  | 56.706.9053.0 | 110 | 57.503.2255.0 | 34 | 57.570.0155.6 | 16 |
| 56.703.8955.0 | 79  | 56.706.9055.0 | 75  | 57.503.2355.0 | 34 | 57.570.9055.0 | 17 |
| 56.703.9053.0 | 110 | 56.706.9355.0 | 75  | 57.503.2555.6 | 34 | 57.597.0155.0 | 16 |
| 56.703.9055.0 | 73  | 56.710.0053.0 | 111 | 57.503.2655.0 | 34 | 57.597.0155.6 | 16 |
| 56.703.9155.0 | 73  | 56.710.0053.6 | 111 | 57.503.2755.0 | 34 | 57.904.2055.0 | 31 |
| 56.703.9253.0 | 98  | 56.710.0055.0 | 69  | 57.503.2855.0 | 34 | 57.904.2555.0 | 31 |
| 56.703.9355.0 | 73  | 56.710.0055.0 | 71  | 57.503.3055.6 | 34 | 57.904.2855.0 | 31 |
| 56.703.9453.0 | 112 | 56.710.0055.6 | 69  | 57.503.7055.0 | 27 | 57.904.5355.0 | 32 |
| 56.703.9553.0 | 113 | 56.710.0055.6 | 71  | 57.503.7155.0 | 27 | 57.904.5455.0 | 32 |
| 56.703.9653.0 | 112 | 56.710.5055.0 | 69  | 57.503.7255.0 | 27 | 57.904.5555.0 | 32 |
| 56.703.9753.0 | 112 | 56.710.5055.0 | 71  | 57.503.7855.0 | 26 | 57.904.5655.0 | 32 |
| 56.703.9853.0 | 112 | 56.710.5055.6 | 69  | 57.503.7955.0 | 26 | 57.904.5755.0 | 32 |
| 56.703.9953.0 | 112 | 56.710.5055.6 | 71  | 57.503.8055.0 | 26 | 57.904.5855.0 | 32 |
| 56.703.XX55.5 | 81  | 56.710.8153.0 | 109 | 57.503.8855.0 | 25 | 57.904.6355.0 | 32 |
| 56.703.XX55.9 | 81  | 56.710.9053.0 | 111 | 57.503.8955.0 | 25 | 57.904.6455.0 | 32 |
| 56.704.0053.0 | 110 | 56.710.9055.0 | 76  | 57.503.9055.0 | 25 | 57.904.6555.0 | 32 |
| 56.704.0053.6 | 110 | 56.710.9355.0 | 76  | 57.504.1655.0 | 30 | 57.904.6655.0 | 32 |
| 56.704.0055.0 | 66  | 56.716.0053.0 | 111 | 57.504.1755.0 | 30 | 57.904.6755.0 | 32 |
| 56.704.0055.6 | 66  | 56.716.0053.6 | 111 | 57.504.2055.0 | 30 | 57.904.6855.0 | 32 |
| 56.704.4055.0 | 90  | 56.716.0055.0 | 70  | 57.504.2055.6 | 30 | 57.910.5055.0 | 33 |
| 56.704.4055.0 | 90  | 56.716.0055.6 | 70  | 57.504.2355.0 | 30 | 57.910.5155.0 | 33 |
| 56.704.4055.0 | 91  | 56.716.0353.0 | 65  | 57.504.3655.0 | 37 | 57.910.5255.0 | 33 |
| 56.704.4055.0 | 91  | 56.716.0353.0 | 67  | 57.504.3755.0 | 37 | 57.910.5355.0 | 33 |
| 56.704.4155.0 | 92  | 56.716.0353.0 | 93  | 57.504.4055.0 | 28 | 57.910.5455.0 | 33 |
| 56.704.4255.0 | 92  | 56.716.1155.0 | 111 | 57.504.4055.0 | 28 | 57.910.5755.0 | 33 |
| 56.704.5055.0 | 66  | 56.716.1155.6 | 111 | 57.504.4055.0 | 29 | 57.910.5855.0 | 33 |
| 56.704.5055.6 | 66  | 56.716.5055.0 | 70  | 57.504.4055.0 | 29 | 57.910.6155.0 | 33 |
| 56.704.5155.0 | 66  | 56.716.5055.6 | 70  | 57.504.4555.0 | 30 | 58.503.0055.0 | 14 |
| 56.704.5155.6 | 66  | 56.716.8155.0 | 109 | 57.504.4855.0 | 30 | 58.503.0055.6 | 14 |
| 56.704.5355.0 | 92  | 56.716.9053.0 | 111 | 57.504.6255.0 | 36 | 58.503.2055.0 | 21 |
| 56.704.6955.1 | 86  | 56.716.9055.0 | 76  | 57.504.6355.0 | 36 | 58.503.2055.6 | 21 |
| 56.704.7055.0 | 86  | 56.716.9155.0 | 111 | 57.504.7355.0 | 36 | 58.503.2155.0 | 21 |
| 56.704.7655.0 | 86  | 56.716.9355.0 | 77  | 57.506.0555.0 | 42 | 58.503.2155.6 | 21 |
| 56.704.8153.0 | 109 | 56.735.0053.0 | 70  | 57.510.0555.0 | 42 | 58.503.2355.0 | 21 |
| 56.704.8453.0 | 85  | 56.735.0053.0 | 71  | 57.510.1155.0 | 55 | 58.503.9055.0 | 18 |
| 56.704.9053.0 | 110 | 56.735.0053.6 | 70  | 57.510.1155.6 | 55 | 58.504.0055.0 | 14 |
| 56.704.9055.0 | 74  | 56.735.0053.6 | 71  | 57.510.8255.0 | 54 | 58.504.0055.6 | 14 |
| 56.704.9155.0 | 74  | 56.735.9053.0 | 77  | 57.516.1155.0 | 55 | 58.504.2055.0 | 21 |



# INDEX

PART NUMBER | PAGE

|               |     |               |     |               |     |               |     |
|---------------|-----|---------------|-----|---------------|-----|---------------|-----|
| 58.504.2055.6 | 21  | 95.502.0100.0 | 149 | 98.290.0000.0 | 54  | Z1.110.9055.7 | 97  |
| 58.504.2355.0 | 21  | 95.502.0118.0 | 149 | 98.290.0000.0 | 56  | Z1.298.1053.0 | 28  |
| 58.504.4155.0 | 21  | 95.502.0125.0 | 149 | 98.290.1000.0 | 54  | Z1.298.1053.0 | 90  |
| 58.504.5055.0 | 20  | 95.502.0125.1 | 149 | 98.290.1000.0 | 54  | Z1.298.1153.0 | 28  |
| 58.504.5055.6 | 20  | 95.502.0135.0 | 149 | 98.290.1000.0 | 54  | Z1.298.1153.0 | 90  |
| 58.504.5155.0 | 20  | 95.502.0135.1 | 149 | 98.290.1000.0 | 56  | Z1.298.1253.0 | 28  |
| 58.504.5155.6 | 20  | 95.502.0150.0 | 149 | 98.290.1000.0 | 109 | Z1.298.1253.0 | 90  |
| 58.504.6155.0 | 54  | 95.502.0170.0 | 149 | 98.290.1000.0 | 109 | Z1.298.1353.0 | 28  |
| 58.504.6955.1 | 23  | 95.502.0197.0 | 149 | 98.290.1000.0 | 109 | Z1.298.1353.0 | 90  |
| 58.504.7055.0 | 23  | 95.502.0198.0 | 149 | 98.290.1000.0 | 112 | Z1.298.1653.0 | 28  |
| 58.504.7055.6 | 23  | 95.502.0199.0 | 149 | 98.290.1000.0 | 112 | Z1.298.1653.0 | 90  |
| 58.504.9055.0 | 18  | 95.502.0225.1 | 149 | 98.290.1000.0 | 112 | Z1.298.1753.0 | 28  |
| 58.504.9155.0 | 20  | 95.502.0235.1 | 149 | 98.290.1000.0 | 113 | Z1.298.1753.0 | 90  |
| 58.504.9255.0 | 23  | 95.502.0604.0 | 149 | 98.290.1000.0 | 128 | Z1.298.1853.0 | 28  |
| 58.504.9355.0 | 20  | 95.502.0607.0 | 149 | 98.290.1000.0 | 128 | Z1.298.1853.0 | 90  |
| 58.504.XX55.9 | 24  | 95.502.0612.0 | 149 | 98.290.1000.0 | 128 | Z1.298.1953.0 | 28  |
| 58.506.0055.0 | 14  | 95.502.0613.0 | 149 | 98.290.1000.0 | 129 | Z1.298.1953.0 | 90  |
| 58.506.0055.6 | 14  | 95.502.0620.0 | 149 | 98.290.1000.0 | 135 | Z1.298.2053.0 | 90  |
| 58.506.9055.0 | 18  | 95.502.0625.0 | 149 | 98.300.0000.0 | 136 | Z1.299.3055.0 | 29  |
| 58.510.0055.0 | 15  | 95.502.0627.0 | 149 | 98.300.0010.0 | 136 | Z1.299.3055.0 | 91  |
| 58.510.0055.6 | 15  | 95.502.0628.0 | 149 | 98.300.1000.0 | 136 | Z1.299.3155.0 | 29  |
| 58.510.9055.0 | 19  | 95.502.0700.0 | 149 | 98.360.0000.0 | 136 | Z1.299.3155.0 | 91  |
| 58.516.0055.0 | 15  | 95.502.0710.0 | 149 | 98.360.0004.0 | 136 | Z1.299.3255.0 | 29  |
| 58.516.0055.6 | 15  | 95.502.0710.2 | 149 | 98.370.0000.0 | 136 | Z1.299.3255.0 | 91  |
| 58.516.9055.0 | 19  | 95.502.0710.3 | 149 | 98.370.1000.0 | 136 | Z1.299.3355.0 | 29  |
| 59.903.0155.0 | 97  | 95.502.0710.4 | 149 | 98.370.1001.0 | 136 | Z1.299.3355.0 | 91  |
| 59.903.0255.0 | 97  | 95.502.0710.5 | 149 | 98.375.1000.0 | 136 | Z1.299.4055.0 | 29  |
| 59.903.0355.0 | 97  | 95.502.0710.7 | 149 | 98.380.0000.0 | 136 | Z1.299.4055.0 | 57  |
| 59.903.0455.0 | 97  | 95.502.0711.0 | 149 | 98.400.0000.0 | 134 | Z1.299.4055.0 | 91  |
| 59.903.0555.0 | 97  | 95.503.0000.0 | 142 | 99.013.9999.9 | 154 | Z1.299.4155.0 | 29  |
| 59.903.0655.0 | 97  | 95.503.0004.0 | 142 | 99.014.9999.9 | 154 | Z1.299.4155.0 | 57  |
| 59.903.0755.0 | 97  | 95.503.0005.0 | 142 | 99.015.9999.9 | 154 | Z1.299.4155.0 | 91  |
| 59.903.0855.0 | 97  | 95.503.0006.0 | 142 | 99.031.9999.9 | 154 | Z1.299.4255.0 | 29  |
| 59.903.0955.0 | 97  | 95.503.0010.1 | 142 | 99.032.9999.9 | 154 | Z1.299.4255.0 | 57  |
| 59.903.1055.0 | 97  | 95.503.0010.5 | 142 | 99.033.9999.9 | 154 | Z1.299.4255.0 | 91  |
| 69.700.0953.0 | 101 | 95.503.0012.0 | 142 | 99.034.9999.9 | 154 | Z1.299.9753.0 | 15  |
| 69.700.1853.0 | 101 | 95.503.0013.0 | 142 | ON REQUEST    | 113 | Z1.299.9753.0 | 65  |
| 69.920.0553.0 | 138 | 95.503.0014.0 | 142 | Z1.108.8453.0 | 139 | Z1.299.9753.0 | 67  |
| 69.920.0653.0 | 139 | 98.090.0000.0 | 137 | Z1.110.8855.0 | 97  | Z1.299.9753.0 | 83  |
| 69.920.1053.0 | 138 | 98.090.0015.0 | 137 | Z1.110.8855.6 | 97  | Z1.299.9753.0 | 89  |
| 69.920.1253.0 | 138 | 98.190.0000.0 | 137 | Z1.110.8855.7 | 97  | Z1.299.9753.0 | 97  |
| 95.101.1100.0 | 157 | 98.190.1000.0 | 137 | Z1.110.8955.0 | 97  | Z1.299.9753.0 | 123 |
| 95.101.1200.0 | 157 | 98.210.0000.0 | 137 | Z1.110.8955.6 | 97  | Z1.299.9753.0 | 125 |
| 95.101.1300.0 | 157 | 98.220.0000.0 | 137 | Z1.110.8955.7 | 97  | Z1.299.9753.0 | 155 |
| 95.300.0500.0 | 156 | 98.290.0000.0 | 54  | Z1.110.9055.0 | 97  | Z1.980.0040.0 | 134 |
| 95.350.0100.0 | 157 | 98.290.0000.0 | 54  | Z1.110.9055.6 | 97  | Z1.980.0253.0 | 135 |

# INDEX

PART NUMBER | PAGE

|               |     |               |     |               |     |               |     |
|---------------|-----|---------------|-----|---------------|-----|---------------|-----|
| Z2.803.3010.0 | 134 | Z5.553.2921.0 | 71  | Z7.220.0227.0 | 36  | Z7.261.1227.0 | 14  |
| Z2.803.3110.0 | 134 | Z5.553.2921.0 | 74  | Z7.220.0227.0 | 36  | Z7.261.1227.0 | 20  |
| Z2.803.3210.0 | 134 | Z5.553.2921.0 | 75  | Z7.220.0627.0 | 36  | Z7.261.1227.0 | 20  |
| Z2.803.3310.0 | 134 | Z5.553.2921.0 | 77  | Z7.250.5227.0 | 43  | Z7.261.1227.0 | 21  |
| Z2.803.4010.0 | 134 | Z5.553.2921.0 | 77  | Z7.250.5227.0 | 43  | Z7.261.1227.0 | 21  |
| Z2.803.4110.0 | 134 | Z5.553.2921.0 | 83  | Z7.250.5327.0 | 43  | Z7.261.1227.0 | 23  |
| Z2.803.4210.0 | 134 | Z5.553.2921.0 | 89  | Z7.250.5327.0 | 43  | Z7.261.1227.0 | 23  |
| Z2.803.4310.0 | 134 | Z5.553.2921.0 | 90  | Z7.250.5427.0 | 43  | Z7.261.1227.0 | 67  |
| Z2.803.5010.0 | 134 | Z5.553.2921.0 | 91  | Z7.250.5427.0 | 43  | Z7.261.1227.0 | 87  |
| Z2.803.5110.0 | 134 | Z5.553.2921.0 | 123 | Z7.255.0227.0 | 154 | Z7.261.1227.0 | 90  |
| Z2.803.5210.0 | 134 | Z5.553.2921.0 | 125 | Z7.255.0227.0 | 154 | Z7.261.1227.0 | 91  |
| Z2.803.5310.0 | 134 | Z5.553.2921.0 | 127 | Z7.255.4227.0 | 29  | Z7.261.1227.0 | 93  |
| Z2.803.6010.0 | 134 | Z5.553.2921.0 | 155 | Z7.255.4227.0 | 30  | Z7.261.1227.0 | 109 |
| Z2.803.6110.0 | 134 | Z5.553.2921.1 | 155 | Z7.255.4227.0 | 30  | Z7.261.1227.0 | 110 |
| Z2.803.6210.0 | 134 | Z5.553.2921.6 | 155 | Z7.255.4227.0 | 30  | Z7.261.1227.0 | 154 |
| Z4.242.5053.0 | 149 | Z5.553.3021.0 | 155 | Z7.255.4227.0 | 154 | Z7.261.1327.0 | 14  |
| Z4.242.5153.0 | 149 | Z7.211.0027.0 | 56  | Z7.255.4227.0 | 154 | Z7.261.1327.0 | 20  |
| Z4.242.6053.0 | 149 | Z7.211.0027.0 | 56  | Z7.255.4327.0 | 29  | Z7.261.1327.0 | 20  |
| Z4.242.6353.0 | 149 | Z7.211.0027.0 | 56  | Z7.255.4327.0 | 30  | Z7.261.1327.0 | 23  |
| Z4.242.8053.0 | 149 | Z7.211.0027.0 | 57  | Z7.255.4327.0 | 30  | Z7.261.1327.0 | 23  |
| Z4.243.2053.0 | 149 | Z7.211.0027.0 | 57  | Z7.255.4327.0 | 30  | Z7.261.1327.0 | 67  |
| Z4.243.2053.0 | 150 | Z7.211.0227.0 | 36  | Z7.255.4627.0 | 29  | Z7.261.1327.0 | 87  |
| Z4.243.8453.0 | 138 | Z7.211.0227.0 | 56  | Z7.255.4627.0 | 30  | Z7.261.1327.0 | 90  |
| Z4.243.8453.0 | 139 | Z7.211.0227.0 | 56  | Z7.255.4627.0 | 30  | Z7.261.1327.0 | 91  |
| Z5.511.3553.0 | 39  | Z7.211.0227.0 | 56  | Z7.255.4627.0 | 30  | Z7.261.1327.0 | 93  |
| Z5.511.3553.6 | 39  | Z7.211.0227.0 | 57  | Z7.255.8227.0 | 39  | Z7.261.1327.0 | 109 |
| Z5.511.3553.7 | 39  | Z7.211.0227.0 | 57  | Z7.255.8227.0 | 154 | Z7.261.1327.0 | 110 |
| Z5.511.3553.8 | 39  | Z7.211.0327.0 | 36  | Z7.255.8327.0 | 39  | Z7.261.1327.0 | 154 |
| Z5.511.3553.9 | 39  | Z7.211.0327.0 | 56  | Z7.255.8327.0 | 154 | Z7.261.1427.0 | 14  |
| Z5.515.3310.0 | 135 | Z7.211.0327.0 | 57  | Z7.255.8427.0 | 39  | Z7.261.1427.0 | 20  |
| Z5.515.3410.0 | 135 | Z7.211.0527.0 | 56  | Z7.255.8527.0 | 39  | Z7.261.1427.0 | 20  |
| Z5.516.2511.0 | 137 | Z7.211.0527.0 | 56  | Z7.255.8627.0 | 39  | Z7.261.1427.0 | 23  |
| Z5.516.2711.0 | 137 | Z7.211.0527.0 | 57  | Z7.256.8427.0 | 154 | Z7.261.1427.0 | 23  |
| Z5.516.2811.0 | 137 | Z7.211.0627.0 | 36  | Z7.256.8527.0 | 154 | Z7.261.1427.0 | 67  |
| Z5.519.0310.0 | 135 | Z7.212.1227.0 | 41  | Z7.256.8527.0 | 154 | Z7.261.1427.0 | 87  |
| Z5.519.0410.0 | 135 | Z7.212.1327.0 | 41  | Z7.260.0029.0 | 103 | Z7.261.1427.0 | 90  |
| Z5.522.5010.0 | 139 | Z7.212.1427.0 | 41  | Z7.260.0229.0 | 103 | Z7.261.1427.0 | 91  |
| Z5.522.7553.0 | 139 | Z7.212.1527.0 | 41  | Z7.260.0329.0 | 103 | Z7.261.1427.0 | 93  |
| Z5.522.8553.0 | 138 | Z7.212.2027.0 | 41  | Z7.260.0429.0 | 103 | Z7.261.1427.0 | 154 |
| Z5.523.5753.0 | 139 | Z7.212.2227.0 | 41  | Z7.260.0529.0 | 103 | Z7.261.1527.0 | 14  |
| Z5.523.9353.0 | 138 | Z7.212.2327.0 | 41  | Z7.260.1029.0 | 103 | Z7.261.1527.0 | 20  |
| Z5.523.9453.0 | 138 | Z7.212.2427.0 | 41  | Z7.261.1127.0 | 81  | Z7.261.1527.0 | 20  |
| Z5.553.2921.0 | 65  | Z7.215.4027.0 | 50  | Z7.261.1127.0 | 83  | Z7.261.1527.0 | 21  |
| Z5.553.2921.0 | 67  | Z7.215.4227.0 | 50  | Z7.261.1127.0 | 85  | Z7.261.1527.0 | 21  |
| Z5.553.2921.0 | 68  | Z7.215.4327.0 | 50  | Z7.261.1127.0 | 87  | Z7.261.1527.0 | 23  |
| Z5.553.2921.0 | 69  | Z7.215.4627.0 | 50  | Z7.261.1127.0 | 154 | Z7.261.1527.0 | 23  |



# INDEX

PART NUMBER | PAGE

|               |     |               |     |               |     |               |     |
|---------------|-----|---------------|-----|---------------|-----|---------------|-----|
| Z7.261.1527.0 | 67  | Z7.267.0227.5 | 26  | Z7.280.0627.0 | 27  | Z7.280.6327.0 | 128 |
| Z7.261.1527.0 | 87  | Z7.267.0227.6 | 25  | Z7.280.2227.0 | 22  | Z7.280.6327.0 | 128 |
| Z7.261.1527.0 | 90  | Z7.267.0227.6 | 26  | Z7.280.2227.0 | 35  | Z7.280.6327.0 | 128 |
| Z7.261.1527.0 | 91  | Z7.267.0327.5 | 25  | Z7.280.2327.0 | 22  | Z7.280.6327.0 | 129 |
| Z7.261.1527.0 | 93  | Z7.267.0327.5 | 26  | Z7.280.2327.0 | 35  | Z7.280.6327.0 | 129 |
| Z7.261.1527.0 | 154 | Z7.267.0327.6 | 25  | Z7.280.3227.0 | 22  | Z7.280.6327.0 | 154 |
| Z7.261.1627.0 | 67  | Z7.267.0327.6 | 26  | Z7.280.3227.0 | 35  | Z7.280.6427.0 | 14  |
| Z7.261.1627.0 | 87  | Z7.267.1227.5 | 25  | Z7.280.6227.0 | 14  | Z7.280.6427.0 | 65  |
| Z7.261.1627.0 | 90  | Z7.267.1227.5 | 26  | Z7.280.6227.0 | 21  | Z7.280.6427.0 | 81  |
| Z7.261.1627.0 | 91  | Z7.267.1227.6 | 25  | Z7.280.6227.0 | 65  | Z7.280.6427.0 | 83  |
| Z7.261.1627.0 | 93  | Z7.267.1227.6 | 26  | Z7.280.6227.0 | 81  | Z7.280.6427.0 | 85  |
| Z7.261.1627.0 | 154 | Z7.268.0227.0 | 63  | Z7.280.6227.0 | 83  | Z7.280.6427.0 | 89  |
| Z7.261.1727.0 | 67  | Z7.268.0227.0 | 78  | Z7.280.6227.0 | 85  | Z7.280.6427.0 | 97  |
| Z7.261.1727.0 | 87  | Z7.268.0227.0 | 78  | Z7.280.6227.0 | 89  | Z7.280.6427.0 | 99  |
| Z7.261.1727.0 | 90  | Z7.268.0227.0 | 154 | Z7.280.6227.0 | 97  | Z7.280.6427.0 | 112 |
| Z7.261.1727.0 | 91  | Z7.268.0327.0 | 63  | Z7.280.6227.0 | 99  | Z7.280.6427.0 | 113 |
| Z7.261.1727.0 | 93  | Z7.268.0327.0 | 154 | Z7.280.6227.0 | 110 | Z7.280.6427.0 | 113 |
| Z7.261.1727.0 | 154 | Z7.268.0427.0 | 63  | Z7.280.6227.0 | 112 | Z7.280.6427.0 | 123 |
| Z7.261.1827.0 | 67  | Z7.268.0427.0 | 154 | Z7.280.6227.0 | 112 | Z7.280.6427.0 | 125 |
| Z7.261.1827.0 | 87  | Z7.268.0527.0 | 63  | Z7.280.6227.0 | 112 | Z7.280.6427.0 | 154 |
| Z7.261.1827.0 | 90  | Z7.268.0527.0 | 78  | Z7.280.6227.0 | 113 | Z7.280.6527.0 | 14  |
| Z7.261.1827.0 | 91  | Z7.268.0527.0 | 78  | Z7.280.6227.0 | 113 | Z7.280.6527.0 | 21  |
| Z7.261.1827.0 | 93  | Z7.268.0527.0 | 154 | Z7.280.6227.0 | 123 | Z7.280.6527.0 | 65  |
| Z7.261.1827.0 | 154 | Z7.268.1027.0 | 63  | Z7.280.6227.0 | 125 | Z7.280.6527.0 | 81  |
| Z7.261.1927.0 | 67  | Z7.268.1027.0 | 78  | Z7.280.6227.0 | 128 | Z7.280.6527.0 | 83  |
| Z7.261.1927.0 | 87  | Z7.268.1027.0 | 78  | Z7.280.6227.0 | 128 | Z7.280.6527.0 | 85  |
| Z7.261.1927.0 | 90  | Z7.268.1027.0 | 154 | Z7.280.6227.0 | 128 | Z7.280.6527.0 | 89  |
| Z7.261.1927.0 | 91  | Z7.270.0227.0 | 25  | Z7.280.6227.0 | 129 | Z7.280.6527.0 | 97  |
| Z7.261.1927.0 | 93  | Z7.270.0227.0 | 26  | Z7.280.6227.0 | 129 | Z7.280.6527.0 | 99  |
| Z7.261.1927.0 | 154 | Z7.270.0327.0 | 25  | Z7.280.6227.0 | 154 | Z7.280.6527.0 | 112 |
| Z7.261.2027.0 | 14  | Z7.270.0327.0 | 26  | Z7.280.6327.0 | 14  | Z7.280.6527.0 | 113 |
| Z7.261.2027.0 | 20  | Z7.270.1227.0 | 25  | Z7.280.6327.0 | 65  | Z7.280.6527.0 | 113 |
| Z7.261.2027.0 | 20  | Z7.270.1227.0 | 26  | Z7.280.6327.0 | 81  | Z7.280.6527.0 | 123 |
| Z7.261.2027.0 | 21  | Z7.271.2227.0 | 50  | Z7.280.6327.0 | 83  | Z7.280.6527.0 | 125 |
| Z7.261.2027.0 | 21  | Z7.271.2327.0 | 50  | Z7.280.6327.0 | 85  | Z7.280.6527.0 | 154 |
| Z7.261.2027.0 | 23  | Z7.271.3227.0 | 50  | Z7.280.6327.0 | 89  | Z7.280.6627.0 | 65  |
| Z7.261.2027.0 | 23  | Z7.271.4227.0 | 37  | Z7.280.6327.0 | 97  | Z7.280.6627.0 | 89  |
| Z7.261.2027.0 | 67  | Z7.271.4327.0 | 37  | Z7.280.6327.0 | 99  | Z7.280.6627.0 | 97  |
| Z7.261.2027.0 | 87  | Z7.271.5227.0 | 37  | Z7.280.6327.0 | 110 | Z7.280.6627.0 | 99  |
| Z7.261.2027.0 | 90  | Z7.271.5227.0 | 56  | Z7.280.6327.0 | 112 | Z7.280.6627.0 | 125 |
| Z7.261.2027.0 | 91  | Z7.271.5227.0 | 56  | Z7.280.6327.0 | 112 | Z7.280.6627.0 | 154 |
| Z7.261.2027.0 | 93  | Z7.271.5227.0 | 56  | Z7.280.6327.0 | 112 | Z7.280.6727.0 | 65  |
| Z7.261.2027.0 | 109 | Z7.271.5227.0 | 57  | Z7.280.6327.0 | 113 | Z7.280.6727.0 | 89  |
| Z7.261.2027.0 | 110 | Z7.271.5227.0 | 57  | Z7.280.6327.0 | 113 | Z7.280.6727.0 | 97  |
| Z7.261.2027.0 | 154 | Z7.280.0227.0 | 27  | Z7.280.6327.0 | 123 | Z7.280.6727.0 | 99  |
| Z7.267.0227.5 | 25  | Z7.280.0327.0 | 27  | Z7.280.6327.0 | 125 | Z7.280.6727.0 | 125 |



# INDEX

PART NUMBER | PAGE

|               |     |               |     |               |     |               |     |
|---------------|-----|---------------|-----|---------------|-----|---------------|-----|
| Z7.280.6727.0 | 154 | Z7.280.8027.0 | 125 | Z7.283.2327.0 | 55  | Z7.284.7427.5 | 121 |
| Z7.280.6827.0 | 65  | Z7.280.8027.0 | 128 | Z7.283.2427.0 | 55  | Z7.284.7427.6 | 121 |
| Z7.280.6827.0 | 89  | Z7.280.8027.0 | 128 | Z7.283.2527.0 | 55  | Z7.284.9227.0 | 55  |
| Z7.280.6827.0 | 97  | Z7.280.8027.0 | 128 | Z7.283.3227.0 | 42  | Z7.284.9327.0 | 55  |
| Z7.280.6827.0 | 99  | Z7.280.8027.0 | 129 | Z7.283.8227.0 | 15  | Z7.284.9427.0 | 55  |
| Z7.280.6827.0 | 125 | Z7.280.8027.0 | 129 | Z7.283.8227.0 | 69  | Z7.284.9527.0 | 55  |
| Z7.280.6827.0 | 154 | Z7.280.8027.0 | 154 | Z7.283.8227.0 | 77  | Z7.285.2227.0 | 16  |
| Z7.280.6927.0 | 65  | Z7.281.1227.0 | 37  | Z7.283.8227.0 | 109 | Z7.285.2327.0 | 16  |
| Z7.280.6927.0 | 89  | Z7.281.1327.0 | 37  | Z7.283.8227.0 | 111 | Z7.285.2627.0 | 16  |
| Z7.280.6927.0 | 97  | Z7.281.2227.0 | 37  | Z7.283.8227.0 | 154 | Z7.285.3227.0 | 16  |
| Z7.280.6927.0 | 99  | Z7.281.3227.0 | 36  | Z7.284.4227.0 | 15  | Z7.285.4227.0 | 55  |
| Z7.280.6927.0 | 125 | Z7.281.3327.0 | 36  | Z7.284.4227.0 | 70  | Z7.285.4327.0 | 55  |
| Z7.280.6927.0 | 154 | Z7.281.3627.0 | 36  | Z7.284.4227.0 | 70  | Z7.285.4427.0 | 55  |
| Z7.280.7027.0 | 14  | Z7.282.2227.0 | 42  | Z7.284.4227.0 | 77  | Z7.285.4527.0 | 55  |
| Z7.280.7027.0 | 21  | Z7.282.2327.0 | 42  | Z7.284.4227.0 | 109 | Z7.285.6227.0 | 70  |
| Z7.280.7027.0 | 65  | Z7.282.3227.0 | 42  | Z7.284.4227.0 | 111 | Z7.285.6227.0 | 77  |
| Z7.280.7027.0 | 81  | Z7.282.4227.0 | 110 | Z7.284.4227.0 | 111 | Z7.285.6227.0 | 154 |
| Z7.280.7027.0 | 83  | Z7.282.5227.0 | 14  | Z7.284.4227.0 | 154 | Z7.285.6427.0 | 69  |
| Z7.280.7027.0 | 85  | Z7.282.5227.0 | 68  | Z7.284.7027.0 | 118 | Z7.285.6427.0 | 71  |
| Z7.280.7027.0 | 89  | Z7.282.5227.0 | 75  | Z7.284.7027.0 | 120 | Z7.285.6427.0 | 154 |
| Z7.280.7027.0 | 97  | Z7.282.5227.0 | 127 | Z7.284.7027.0 | 120 | Z7.286.3227.0 | 16  |
| Z7.280.7027.0 | 99  | Z7.282.5227.0 | 154 | Z7.284.7027.0 | 154 | Z7.286.3327.0 | 16  |
| Z7.280.7027.0 | 110 | Z7.282.5327.0 | 14  | Z7.284.7027.5 | 121 | Z7.286.3627.0 | 16  |
| Z7.280.7027.0 | 112 | Z7.282.5327.0 | 68  | Z7.284.7027.6 | 121 | Z7.287.0227.0 | 33  |
| Z7.280.7027.0 | 112 | Z7.282.5327.0 | 75  | Z7.284.7127.0 | 118 | Z7.287.0327.0 | 33  |
| Z7.280.7027.0 | 112 | Z7.282.5327.0 | 127 | Z7.284.7127.0 | 120 | Z7.287.0627.0 | 33  |
| Z7.280.7027.0 | 113 | Z7.282.5427.0 | 14  | Z7.284.7127.0 | 120 | Z7.287.1227.0 | 16  |
| Z7.280.7027.0 | 113 | Z7.282.5427.0 | 68  | Z7.284.7127.0 | 154 | Z7.287.1327.0 | 16  |
| Z7.280.7027.0 | 123 | Z7.282.5427.0 | 75  | Z7.284.7127.5 | 121 | Z7.311.1755.0 | 153 |
| Z7.280.7027.0 | 125 | Z7.282.5427.0 | 127 | Z7.284.7127.6 | 121 | Z7.311.7055.0 | 153 |
| Z7.280.7027.0 | 128 | Z7.282.5527.0 | 14  | Z7.284.7227.0 | 118 | Z7.409.5753.0 | 48  |
| Z7.280.7027.0 | 128 | Z7.282.5527.0 | 68  | Z7.284.7227.0 | 120 | Z7.409.5853.0 | 48  |
| Z7.280.7027.0 | 128 | Z7.282.5527.0 | 75  | Z7.284.7227.0 | 120 | Z7.409.5853.0 | 49  |
| Z7.280.7027.0 | 129 | Z7.282.5527.0 | 127 | Z7.284.7227.0 | 154 | Z7.409.5853.0 | 49  |
| Z7.280.7027.0 | 129 | Z7.282.5527.0 | 154 | Z7.284.7227.5 | 121 |               |     |
| Z7.280.7027.0 | 154 | Z7.282.6229.0 | 39  | Z7.284.7227.6 | 121 |               |     |
| Z7.280.8027.0 | 14  | Z7.282.6329.0 | 39  | Z7.284.7327.0 | 118 |               |     |
| Z7.280.8027.0 | 21  | Z7.282.6429.0 | 39  | Z7.284.7327.0 | 120 |               |     |
| Z7.280.8027.0 | 65  | Z7.282.6529.0 | 39  | Z7.284.7327.0 | 120 |               |     |
| Z7.280.8027.0 | 81  | Z7.282.6629.0 | 39  | Z7.284.7327.0 | 154 |               |     |
| Z7.280.8027.0 | 83  | Z7.282.7229.0 | 39  | Z7.284.7327.5 | 121 |               |     |
| Z7.280.8027.0 | 85  | Z7.282.7329.0 | 39  | Z7.284.7327.6 | 121 |               |     |
| Z7.280.8027.0 | 89  | Z7.282.7429.0 | 39  | Z7.284.7427.0 | 118 |               |     |
| Z7.280.8027.0 | 97  | Z7.283.2227.0 | 42  | Z7.284.7427.0 | 120 |               |     |
| Z7.280.8027.0 | 99  | Z7.283.2227.0 | 55  | Z7.284.7427.0 | 120 |               |     |
| Z7.280.8027.0 | 123 | Z7.283.2327.0 | 42  | Z7.284.7427.0 | 154 |               |     |



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