

Data sheet

Commercial Art.No.: 00.729.0305.1

flat cable XPE 5G6 SCHWARZ

Tray cable PODIS CON XPE 5G6; 0,6/1kV; approved acc. CE, UL 1277 TC-ER 32 A, 600 V; ampacity IEC acc. VDE 0298-4 tables 5 and 6; fine stranded, halogen-free; for fixed installation; color black; W x H 43 x 7,8 mm



Commercial Art.No.	00.729.0305.1
EAN	4049088360046
Order Unit	1

certificates / approvals



Technical data

general

core insulation	copolymer, thermoplastic
core identification	color
flame retardant	according to DIN 60332-1-2
low smoke (acc. EN50268-2)	no
color outer sheath	black
conductor category	class 6 = very flexible
halogen free (according to EN 50267-2-3)	yes
yellow/green conductor	yes
bending radius, static	38 mm
screen	no
number of cores	5
cable width approx.	43 mm
cable height approx.	7.5 mm
oil resistant (acc. EN 60811-2-1)	yes
cable weight per km	700 kg
min. installation temperature	5 °C
max. installation temperature	50 °C
min. surface temperature fixed conductor	-25 °C
max. surface temperature fixed conductor	90 °C

technical data

nominal cross section conductor	6 mm ²
nominal voltage UN	1000 V

nominal voltage U0	690 V
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classification

ECLASS 11	
ECLASS 8.1	27062002
ETIM 9.0	EC003250
ETIM 8.0	EC003250
ETIM 7.0	EC003250
ETIM 6.0	EC000825
ETIM 5.0	EC000825
ETIM 4.0	EC000825

product compliance

ROHS conformity status	compliant
REACH-SVHC conformity status	compliant

Accessories

Commercial Art.No.:	Article-type description:	Description:
Z6.563.6053.0	cable end cap podis 5G6	Cable end cap for podis tray cable 5G6; protection IP65; black/transparent
Z6.563.7800.0	cable patch PODIS/GESIS	Insulation tape for flat cables podis 5G6, podis 5G16 and flat cable gesis NRG. Dimensions appr. 152 x 140 mm.
07.432.8100.0	cable clip PODIS 5G6 / 5G16	Cable bracket and strain relief for tray cables podis 5G6 and podis 5G16, for wall and ceiling mount, for one fixing point 2 pcs. are required for the podis 5G16 cable and 1 pc. for 5G6 cable; spare part for strain relief in end fed-in boxes podis 5G16 (75.450.xx14.3)
05.562.3000.0	cable clip Befestigungsschelle	Cable clip for flat cable

Fits with

Commercial Art.No.:	Article-type description:	Description:
75.250.0053.1	connecting module FCS 6 5 SI SA M32	Connection module PODIS CON 5G6 for fixed wiring; for M32 cable gland; 5-pole; nominal ratings acc. VDE 41 A; 690 V; 6kV/3; nominal ratings acc. UL 32 A; 600 V degree of protection IP65; piercing contacts; Torx 15; screw clamps max. 16 mm ² (AWG 6) single/fine-stranded; max. cable diameter 25 mm; housing black; mounting position any; UL2875 pending; Outline dimensions L x W x H 250 x 84 x 74 mm
75.252.0053.1	connecting module FCS 6 5 SI SA RST20i5	Connection module PODIS CON 5G6 RST for pluggable connection with RST20i5; 5-pole; nominal ratings acc. VDE 20A; 690 V; nominal ratings acc. UL 20 A; 600 V; degree of protection IP65; piercing contacts; Torx 15; housing black; mounting position any; UL2875 pending; outline dimensions L x W x H 217 x 84 x 74 mm
75.252.0153.1	connecting module FCS 6 5 SI SA RST20i5 LH	Connection module with reduced height PODIS CON 5G6 RST for pluggable connection with RST20i5; 5-pole; nominal ratings acc. VDE 20A; 690 V; nominal ratings acc. UL 20 A; 600 V; degree of protection IP65; piercing contacts; Torx 15; housing black; mounting position any; UL2875 pending; outline dimensions L x W x H 217 x 84 x 59 mm

75.256.0053.1	connecting module FCS 6 5 SI SA M25	Connection module PODIS CON 5G6 for fixed wiring; for M25 cable gland; 5-pole; nominal ratings acc. VDE 41 A; 690 V; 6kV/3; nominal ratings acc. UL 32 A; 600 V degree of protection IP65; piercing contacts; Torx 15; screw clamps max. 16 mm ² (AWG 6) single/fine-stranded; max. cable diameter 18 mm; housing black; mounting position any; UL2875 pending; Outline dimensions L x W x H 245 x 84 x 74 mm
75.256.0153.1	connecting module FCS 6 5 SI SA M25 LH	Connection module PODIS CON 5G6 for fixed wiring; for M25 cable gland; 5-pole; nominal ratings acc. VDE 20A; 690 V; 6kV/3; nominal ratings acc. UL 32 A; 600 V degree of protection IP65; piercing contacts; Torx 15; screw clamps max. 16 mm ² (AWG 6) single/fine-stranded; max. cable diameter 18 mm; housing black; mounting position any; UL2875 pending; Outline dimensions L x W x H 245 x 84 x 59 mm