

podis® 5G6

POWER DISTRIBUTION

The revolutionary power bus system for industrial applications.



Avoid shutting-down your operations during faults, and minimize the downtime related to expansions or changes of your systems with decentralized power.

The podis® decentralized power distribution system makes it easy to isolate faults, add new machines or change the configuration of your systems with minimal downtime. Overall, the system can **save up to 80% of installation time**.

Now, this successful system has a new range of even more powerful cables and components. Much larger loads can now be supplied, **up to 32 A and 600 V**.

The power bus is ideal for use in conveyors at **airports and warehouses**, parcel and post **distribution centres**, and **large production plants** such as those in the automotive industry.

YOUR BENEFIT

+ Efficient

Save up to 80% of installation time

+ Flexible

Expandable anytime along any point on the cable

+ Reliable

Permanent high contact quality with non-destructive piercing technology

+ Practical

Re-usable components!



APPLICATIONS

- Machines and plants with large dimensions
- Airports
- Warehouses
- Logistics centers for parcel & post
- Production facilities
- Manufacturing facilities
- Automotive industry



FEATURES

- 5 core tray cable system
- 6 mm² cable size
- Cores in one plane
- Connecting cable: up to 16 mm²
- Current load: 32 A
- Voltage: UL 600 V



ADVANTAGES

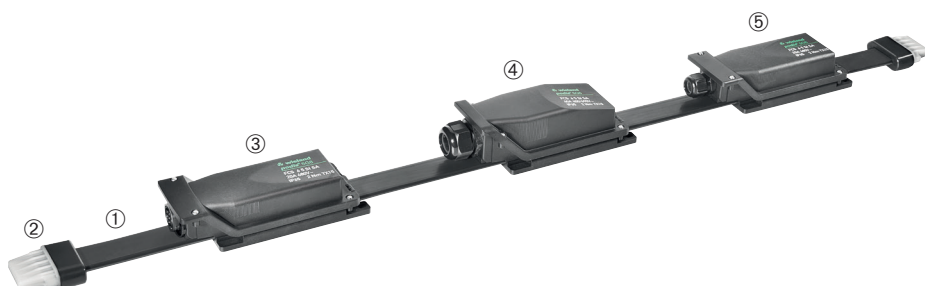
- Higher current & higher load
- More drives per segment
- Less feed-in connections and feeder cables
- Less cable complexity
- Less voltage drop
- Longer cable sections
- Faster installation
- Reduced downtime

The connection modules are designed for higher current and available for higher voltage. At the same load the voltage drop is reduced in installations with very long cable lengths.

The podis® decentralized power distribution system is easy to install, re-configure, and maintain, saving up to 80% of installation time.

Decentralized power means that whole system shutdowns are not necessary for expansions, changes, or faultfinding. The modules themselves can be reused and moved, adding value to your installation over time.

When a module is moved, performance is not affected due to the patented and non-destructive connection technology.



Description	Type	Part Nr.
① Flat cable 5G6, multinorm VDE and UL	XPE 5G6	00.729.0305.1
② Cable end cap		Z6.563.6053.0
③ Tap-off module, reduced height	FCS 6 5 SI SA RST20i5 LH	75.252.0153.1
④ Feed-in module	FCS 6 5 SI SA M32	75.250.0053.1
⑤ Tap-off module, reduced height	FCS 6 5 SI SA M25 LH	75.256.0153.1
Tap-off module	FCS 6 5 SI SA RST20i5	75.252.0053.1
Tap-off module	FCS 6 5 SI SA M25	75.256.0053.1



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