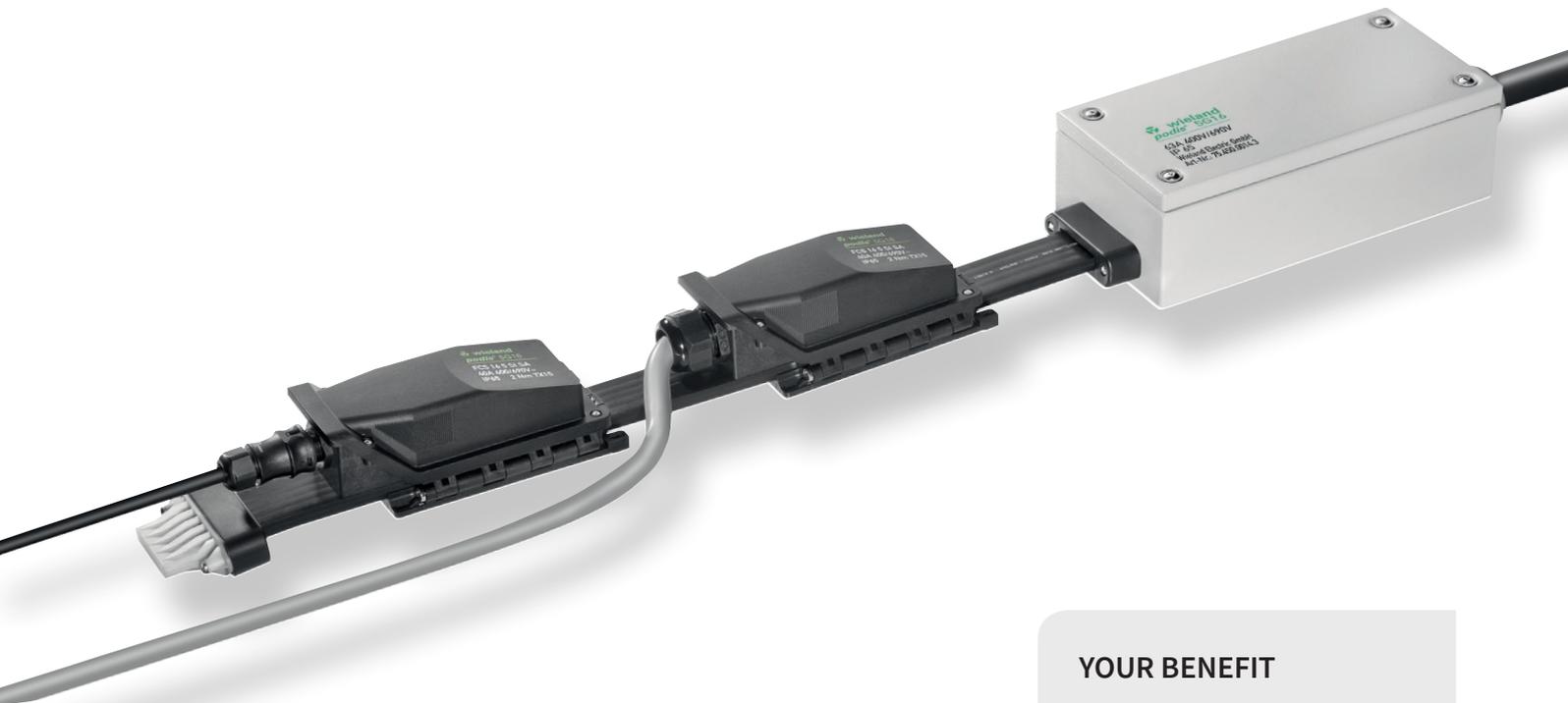


podis® 5G16

HIGH CURRENT

Decentralized power bus system for high current loads in industrial applications.



The podis® power bus system is ideal for decentralized power distribution in machines and systems with large dimensions. The power bus portfolio has now been extended to include a new variant for high currents. Significantly higher loads can now be supplied on a flat cable section. This means that the main distribution for a conveyor line, for example, can be installed very easily. Supply lines and

main distribution cabinets can mostly be avoided or can be reduced in numbers and decreased in size. The podis® tray cable power bus is suitable for conveyor systems at airports and in warehouses, in logistics centers for parcel & post, and in production facilities for instance in the automotive industry or for supplying manufacturing facilities.

YOUR BENEFIT

+ Time saving

No dismantling or uninsulation necessary

+ Flexible

Because anytime extendable at any point

+ Safe

Permanent high contact quality thanks to the piercing technology



APPLICATIONS

- Airports
- Warehouses
- Logistics centers for parcel & post
- Production facilities
- Manufacturing facilities
- Automotive industry



FEATURES

- 5 core tray cable system
- 16 mm² cable size
- Cores in one plane
- Connecting cable size: up to 16 mm² in the center feed, up to 70 mm² in the end feed
- Current load IEC 63 A
- Voltage resistance: IEC: 690 V, NEC: 600 V



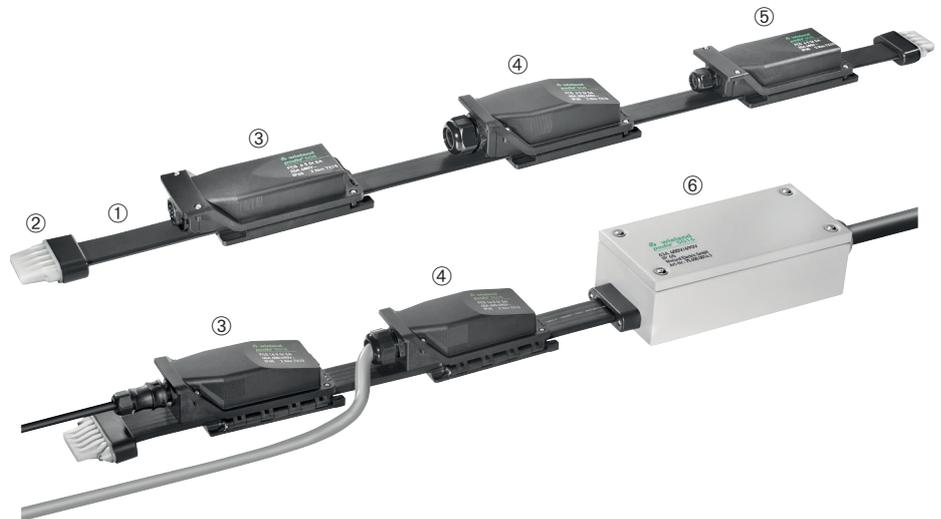
ADVANTAGES

- Higher current
- Higher load
- More drives per segment
- Less feed-in connections and feeder cables
- Less complexity
- Less voltage drop
- Longer cable sections

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

podis® does convince its users especially by its fast and safe installation, thanks to the piercing technology without any dismantling or uninsulation. So the systems provides highest flexibility during set-up of a plant, as well as in extensions or rearrangement afterwards.

The modular system podis® provides feed-in modules, tap-off modules, distribution modules, disconnecter switches, fixed and pluggable tap-offs, pre-manufactured cable harnesses and a useful range of accessories.



Description	Type	Part Nr.
① Tray cable	5G16 XPE	00.710.0307.1
② Cable end cap		Z6.563.6553.0
③ Tap-Off module pluggable RST	FCS 16 5 SI SA RST	75.452.0053.1
④ Feed-In and Tap-Off module M32	FCS 16 5 SI SA M32	75.456.0053.1
⑤ Tap-Off module M25	FCS 16 5 SI SA M25	75.456.0153.1
⑥ End Feed-In M50	FCS 16 5 SA SA M50	75.450.0014.3
End Feed-In M63	FCS 16 5 SA SA M63	75.450.0114.3



Wieland Electric GmbH
 Brennerstraße 10 – 14 · 96052 Bamberg · Germany
 Fon +49 951 9324-0 · info@wieland-electric.com

Global sales partners in over 70+ countries:

www.wieland-electric.com