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podis®

HELLO CHARGING

The system for supplying electricity to EV charging stations.

DECENTRALIZED **POWER BUS SYSTEM** FOR **SUPPLYING EV CHARGING STATIONS.**

The podis® power bus system is ideal for distributing energy to EV charging stations. This decentralized energy distribution system allows a large number of charging stations to be connected with just one supply cable. This saves installation time, requires less cable, and considerably reduces the size of the distribution cabinet.
The connection components for the feed or power tap can be installed anywhere on the power bus. The connecting modules can be positioned quickly and flexibly using our patented insulation displacement connection technology. This beneficial feature removes the need for any cutting, dismantling, and stripping.

The feed to the power bus can be placed freely – including in the center, enabling an ideal balance of the load on the power bus. This means that the number of charging stations on a section of flat cable can be increased without overloading the cable.
The modules for the energy tap can be placed anywhere at any time. As a result, extensions are also easy and require no major effort. What is unique is that these tap modules are available for both, fixed and pluggable installation. This provides crucial benefits if a charging station has to be replaced. By pulling and connecting the plugs, the charging station can be replaced in a matter of minutes.

YOUR BENEFITS

+ Time saving
No dismantling or uninsulation necessary

+ Flexible
Because anytime extendable at any point

+ Safe
Permanent high contact quality thanks to the insulation displacement technology

APPLICATIONS
- Charging stations
- Offices, shopping centers, public buildings
- Airports
- Warehouses
- Logistics centers for parcel & post
- Production facilities
- Manufacturing facilities
- Automotive industry

FEATURES
- 5-core tray cable system
- 16 mm² cable size
- CPR class B2ca
- Connecting cable size: up to 16 mm² in the center feed, up to 70 mm² in the end feed
- Current load IEC up to 100 A, free in air
- Voltage resistance: IEC: 690 V, NEC: 600 V

ADVANTAGES
- Minimal installation effort
- For a large number of charging stations per section of cable
- Little cabling required
- Modern appearance
- Quick installation
- Reliable operation

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HEADQUARTERS

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