PRI:LOGY®
SYSTEMS GMBH

FLAT CABLE SYSTEM FOR E-MOBILITY

IP65 QUICK CONNECTION
16 mm² / 25 mm²

Main distribution

Switch fuses

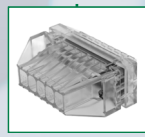
Recommendations:
Flat cable 5G 16mm2 = 63A
Flat cable 5G 25mm2 = 80A

PLC communication

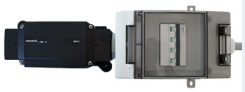
PLC devolo DINrail
Grid firmware for PLC communication.

1 Installation of infrastructure

2 Installation of charging infrastructure



Cable end
(Woertz product: 49630)



Junction box (Woertz product: 49615/49617)
Junction box with distribution housing, pre-wired with PE connection terminals, without equipment.
On request: pre-assembled with equipment.

Junction box
(Woertz product: 49615)
For connection of round cables of 5x16mm^2 or 5x25mm^2.

Junction box
(Woertz product: 49618)
For connection of round cables up to 5x35mm^2.

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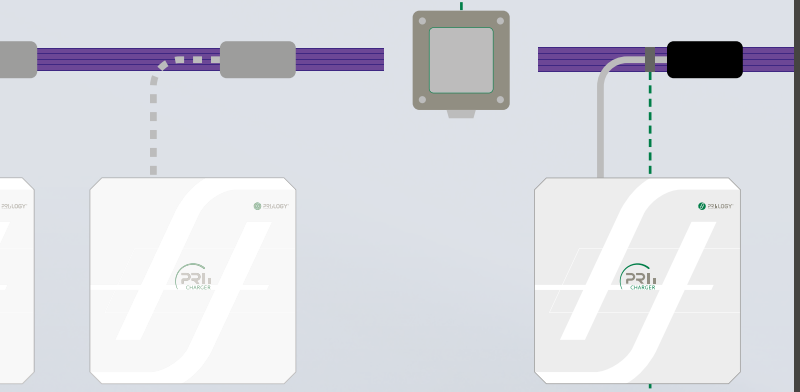
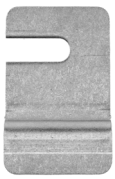
Junction box (Woertz product: 49619)
Interface for connecting two cable harnesses

3 System extensions



Fastening clamp (Woertz product: 49648)
Made of stainless steel A2. For wall and ceiling mounting with only one drill hole.

Wall mounting: 70–80cm pitches,
Ceiling mounting: 50cm pitches.



Closure element (Woertz product: 49649)
Ceiling mounting: required for each fastening clamp.
Wall mounting: required for every third fastening clamp.

This flexible and easy extendable flat cable system can be installed without cable interruptions nor stripping. Piercing connectors guarantee save connections without any special tools needed. Moreover, the system allows easy subsequent extensions of additional charging stations at any time.

- Flexible feeding point at the end or at any position along the cable
- Easy extendable
- Flexible indoor or outdoor application due to IP65 protection class and UV resistance
- Quick mounting, saving up to 80% installation time
- Reduced commissioning time, no cross-phases and/or short-circuits
- No cutting losses (round cables show cutting losses of around 5% of installation length)
- Uninterrupted cables eliminate weaknesses caused by non-optimal connections
- Reduced voltage drops
- Ideal heat emission along large lateral surface

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