COMPLEO

The power to move

Data sheet SOLO smart

Versions: socket | cable

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The SOLO smart is ideal for anyone who wants to charge with high safety standards and benefit from the advantages of a networked wallbox.

The SOLO smart integrates all essential protective components in one housing. Both type A residual current circuit breakers and type 2+3 overvoltage protection in accordance with DIN EN 61643-11 are included. This saves valuable installation time and space in the electrical distribution board.

The SOLO smart can be connected to a backend via OCCP and to third-party systems via Modbus TCP/IP.

Features like the automatically resettable RCD, a built-in RFID reader, connectivity options via LTE modem or LAN and a range of accessories complete the functionality.

Highlights

- Charging with up to 11 kW AC
- Integrated MID-compliant meter
- Type 2+3 overvoltage protection
- Type A RCD: automatically resettable with self-test function (mechanical reset via sliding cover)
- Online connection possible via LAN, 4G
- Integrated RFID reader
- Connection to IT backends: OCPP 1.6J
- Energy/load management: Modbus protocol
- residual current detection 6mA DC
- Cable interlock via OCPP | web interface adjustable
- Accessories:
  - Locking cylinder, single pole, double pole



Electrical data

General information

Charging mode	AC, Mode 3
Number of charging points	1
Charging connection	Type 2 socket / 6.5m spiral cable incl. sliding cover
IT backend connection	OCPP 1.6 JSON
Authorization	Free charging, RFID, smartphone app
Packaging dimensions	735 x 320 x 205

Mechanical data

Mounting type	wall mounting (WM)
Housing material	Thermoplastic material
Surface	Scratch-resistant coating
Locking	Locking cylinder can be retrofitted
Dimensions (H x W x D)	660 x 250 x 150 mm
Weight	8kg (socket), 10kg (cable)

Electrical data

Maximum charging power per charging point	11 kW: Type 2 socket
Nominal voltage, number of phases, nominal frequency	400 V; 3; 50 Hz
Maximum input current	16 A per phase, configurable
Maximum output current	16 A
Self-consumption in standby mode	< 9 W
Connection range	5-pole connection terminals up to 10 mm² (rigid) or 6 mm² (flexible)
Earthing system	TN, TT
RCD	type A & DC residual current detection 6 mA Overvoltage protection type 2+3
Protection class	2
Contactor sticking monitoring (Welding Detection)	Hardware-redundant switch-off

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Technical changes and errors excepted.