Charging Inlets for Electric Vehicles

Charging-Inlet Type 2, single- or three-phase, for self-assembly of HV harness

With the following features:
- Main Contacts 6 mm² (L1, [L2, L3], N, PE) provided loose in bag (Soldering Contacts)
- Signal Contacts (Proximity and Control Pilot) for 0.5 mm²
- Proximity Contact for identification of charging cable and for activation of the immobilizer
- Control Pilot for PE control and for the adjustment of charging power
- With attached signal wires (2 m FLRY-A 0.35 mm² / single wires)
- LED Indication Lights (2 x RGB) for indication of charging status
- Closing on front side by flap lid
- Interlocking Actuator on top 12 o'clock position (convertible to 9 or 3 o'clock position)
- Grommet on the back side 23° (self-assembly with cable tie, not included)
- Water Drainage 90° in plug direction
- Temperature Range: -30°C to +80°C
- IP Rating Plug Area: IP 45 when plugged-in (MENNEKES Connector); with flap lid IP 55

- max. 32A / 1-phasig: Part no. 32510
- max. 32A / 3-phasig: Part no. 32511

Charging-Inlet Type 2, single- or three-phase, with preassembled HV Harness

With the following features:
- HV Harness: Sheated cable with 6 mm² press-welding contacts, HV harness is assembled, Length from contact = 3000 mm
- LV Harness: 7-wire sheated cable with 0.35 mm², LV harness is assembled
  Length from contact = 1500 mm
- Proximity Contact for identification of charging cable and for activation of the immobilizer
- Control Pilot for PE control and for the adjustment of charging power
- LED Indication (left = white, right = orange) for indication of charging status
- Closing on front side by flap lid or plug; to be ordered separately (see Accessories)
- Interlocking Actuator on top 12 o'clock position (convertible to 9 or 3 o'clock position)
- Integrated temperature sensor
- Grommet on the back side 23° assembled and fixed with metal cable clamp
- Water Drainage 90° in plug direction
- Temperature Range: -30°C to +80°C
- IP Rating Plug Area: IP 45 when plugged-in (MENNEKES Connector); with flap lid IP 55
- Cable Outlet: IP 45

- max. 32A / 1-phasig: Part no. 32540*
- max. 32A / 3-phasig: Part no. 32541*  *available 12.2014

Accessories:
- Flap Lid, Flange Ring, Flap Lid, Snap-Fit
  Part no. 30053 (opens to the right)
  Part no. 30054 (opens to the left)
- Stuff, with band for fixation
  Part no. 30055

Not included in above described scope of product: Special, customer-specific documentation-Drawings / CAD Models acc. to customer’s requirements—Special, customer-specific test- and validation requirements. Standard CAD Models will be circulated only with accepted and signed MENNEKES NDA. This offer is subject to our General Terms of Sales and Delivery, Version 1.0 dd. June 29, 2012. They are available for download at: www.MENNEKES.de/en/agb_stecker_gmbh.html
Charging cables for Electric Vehicles

MENNEKES IC-CPD 3
- Residual current detection 30 mA, Trigger characteristics Typ A
- Charge current adjustable
- Multi-state temperature monitoring
- Automatically reduction of charge current in case of overheating of Infrastructure plug or IC-CPD
- Miswiring Detection
- Relay Welding Detection
- Recharging after voltage cut off
- Overrun Proof

Infrastructure side: Plug, IP 44
Charging cable 3G2.5 + 2 x 0.5 mm², PUR blue

Infrastrucure Plug: angled Plug SCHUKO® Type A/F
(German / French-Belgian), with temperature sensor
Vehicle connector: 13A, 1p+N+PE, plus 2 signal contacts
Charge current adjustable 13A - 10A - 8A - 6A
Cable Length infrastructure side: 0.30 m (for use in Germany only)
Overall Length 4 m: Part no. 35105
Overall Length 8 m: Part no. 35120

Infrastructure Plug: Plug CEE 16A, 3p, 230V
Vehicle connector: 16A, 1p+N+PE, plus 2 signal contacts
Charge current adjustable 16A - 13A - 10A - 8A - 6A
Cable Length infrastructure side: 0.30 m
Overall Length 4 m: Part no. 35106
Overall Length 8 m: Part no. 35123

Infrastructure Plug: angled Plug SCHUKO® Type A/F
(German / French-Belgian), with temperature sensor
Vehicle connector: 13A, 1p+N+PE, plus 2 signal contacts
Charge current adjustable 13A - 10A - 8A - 6A
Cable Length infrastructure side: 0.30 m (for use outside of Germany only)
Overall Length 4 m: Part no. 35107
Overall Length 8 m: Part no. 35121

Infrastructure Plug: angled Plug British Standard with temperature sensor
Vehicle connector: 10A, 1p+N+PE, plus 2 signal contacts
Charge current adjustable 10A - 8A - 6A
Cable Length infrastructure side: 0.30 m
Overall Length 4 m: Part no. 35108
Overall Length 8 m: Part no. 35122

20A, 1p+N+PE and PP + CP
Resistor coding 680 Ohm
Feeder cable 91YS11Y-3 3G2.5 + 1 x 0.5 mm²
Length: 4 m Part no. 36210
Length: 7,5 m Part no. 36244

20A, 3p+N+PE and PP + CP
Resistor coding 680 Ohm
Feeder cable 91YS11Y-3 5G2.5 + 1 x 0.5 mm²
Length: 4 m Part no. 36211
Length: 7,5 m Part no. 36245

32A, 1p+N+PE and PP + CP
Resistor coding 220 Ohm
Feeder cable 91YS11Y-3 3G6 + 1 x 0.5 mm²
Length: 4 m Part no. 36212
Length: 7,5 m Part no. 36246

32A, 3p+N+PE and PP + CP
Resistor coding 220 Ohm
Feeder cable 91YS11Y-3 5G6 + 1 x 0.5 mm²
Length: 4 m Part no. 36213
Length: 7,5 m Part no. 36247

20A, 1p+N+PE and PP + CP
Resistor coding 680 Ohm
Feeder cable 91YS11Y-3 3G2.5 + 1 x 0.5 mm²
Length: 4 m Part no. 36210
Length: 7,5 m Part no. 36244

Not included in above described scope of product:
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