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AC charging cable - EV-T1M3C-1AC32A-4,0M6,0ESBK00 - 1409952

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AC charging cable with Vehicle Connector (including protective cap) and open cable end, Type 1, IEC 62196-2, SAE J1772, 32 A / 250 V (AC), Cable data: 4 m, black, straight



Product Description

AC charging cable, with Vehicle Connector and open cable end for fast charging electric vehicles with alternating current (AC) via a type 1 Vehicle Inlet, for installation at charging stations (EVSE)

Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 STK |
| GTIN |  4 046356 885447 |

Technical data

Product definition

| | |
|--------------------------|--|
| Product type | AC charging cable with Vehicle Connector (including protective cap) and open cable end |
| Standards/regulations | IEC 62196-2 |
| | SAE J1772 |
| Charging standard | Type 1 |
| Charging mode | Mode 3 |
| Type of charging current | AC single-phase |

Dimensions

| | |
|------------------|-----|
| Conductor length | 4 m |
|------------------|-----|

Features

| | |
|-----------------------------------|------------------------|
| Charging power | 8 kW |
| Number of phases | 1 |
| Rated current for power contacts | 32 A |
| Rated voltage for power contacts | 250 V AC |
| Rated current for signal contacts | 2 A |
| Rated voltage for signal contacts | 30 V AC |
| Type of signal transmission | Pulse width modulation |
| Number of power contacts | 3 (L1, N, PE) |
| Number of signal contacts | 2 (CP, CS) |

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Technical data

Features

| | |
|---|---------------------------------------|
| Connection method | Crimp connection, cannot be separated |
| Resistor coding | 480 Ω (Lever actuated) |
| | 150 Ω (Lever not actuated) |
| Insertion force | < 75 N |
| Withdrawal force | < 75 N |
| Insertion/withdrawal cycles | > 10000 |
| Ambient temperature (operation) | -30 °C ... 50 °C (Operation) |
| Ambient temperature (storage/transport) | -40 °C ... 80 °C (Storage) |
| Altitude difference for area of application | 5000 m (above sea level) |
| Degree of protection | IP44 (plugged in) |
| | IP54 (Protective cap) |

Cable

| | |
|-------------------------|--|
| Cable structure | 3 x 6.0 mm ² + 1 x 0.5 mm ² (DIN EN 13602, VDE 0295 class 5) |
| External cable diameter | 13.9 mm ±0.5 mm |
| Type of conductor | straight |
| Outer sheath, material | PUR |
| External sheath, color | black |
| Minimum bending radius | 69.2 mm (5 x diameter) |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27279220 |
| eCl@ss 8.0 | 27440590 |
| eCl@ss 9.0 | 27144705 |

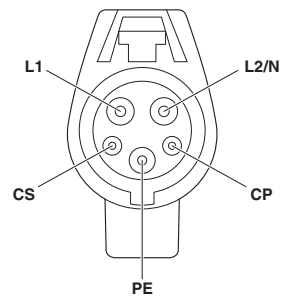
ETIM

| | |
|----------|----------|
| ETIM 4.0 | EC002839 |
| ETIM 5.0 | EC002839 |

Drawings

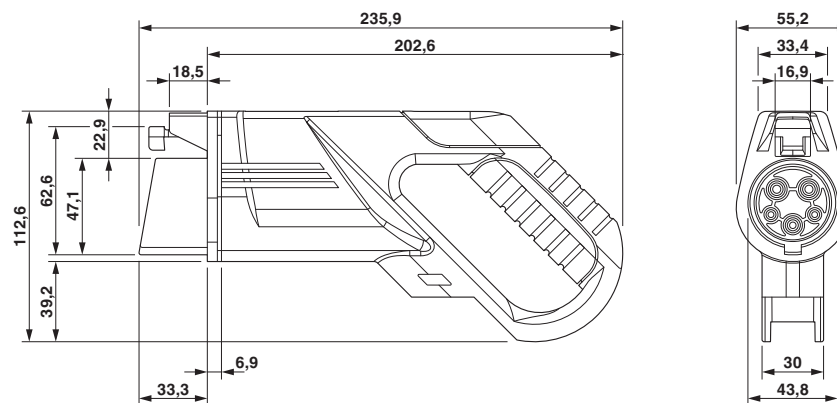
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Connection diagram



Pin assignment of the Vehicle Connector

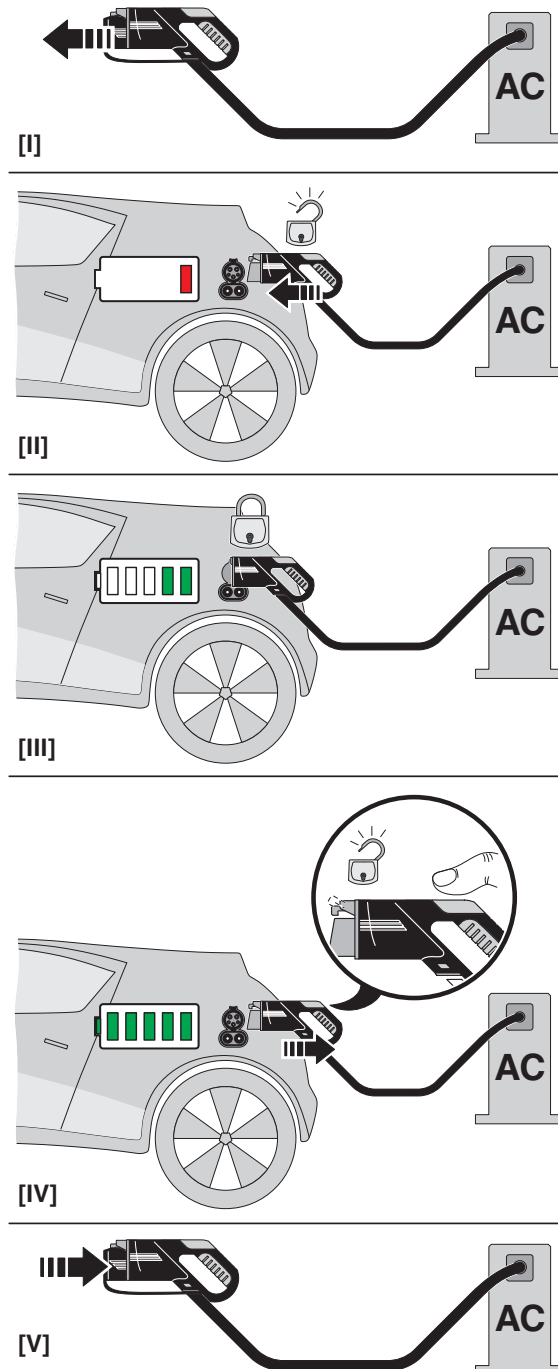
Dimensional drawing



Dimensional drawing of Vehicle Connector

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Schematic diagram



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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

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