

EV-GBM3C-3AC32A-5,0M6,0ESOC00 - AC charging cable



1621476

<https://www.phoenixcontact.com/us/products/1621476>

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CHARX connect, GB/T, AC charging cable, with vehicle charging connector and open cable end, cable: 5 m, orange, straight, with protective cap, housing: black, gray, PHOENIX CONTACT logo, GB/T 20234.2-2015, for charging electric vehicles (EV) with alternating current (AC) via GB/T vehicle charging inlets

Product description

Mobile AC charging cable with vehicle charging connector and infrastructure charging plug for charging electric vehicles with alternating current (AC), compatible with AC GB/T vehicle charging inlets and AC GB/T infrastructure charging sockets at charging stations

Your advantages

- Complete product range
- Convenient handling due to the ergonomic, triple award-winning design
- Available with your logo on request - for consistent branding of your charging station
- Longitudinal water tightness reliably prevents water ingress
- Developed and produced in accordance with the IATF 16949 automotive standard and ISO 9001
- Tested in accordance with automotive standards LV124, LV214, and LV215-2
- Tested in accordance with EV Ready 37 requirements

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1621476 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Product key | XWBAAF |
| GTIN | 4046356934022 |
| Weight per piece (including packing) | 24 g |
| Weight per piece (excluding packing) | 24 g |
| Country of origin | DE |

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Technical data

Product properties

| | |
|-------------------|---|
| Product type | AC charging cable |
| Product family | CHARX connect |
| Type | AC charging cable with vehicle charging connector and open cable end |
| Design | with protective cap |
| Charging standard | GB/T |
| Charging mode | Mode 3, Case C |
| Affixed logo | PHOENIX CONTACT logo |

Electrical properties

Charging power and current (AC charging, 3-phase)

| | |
|--------------------------|-------------------|
| Type of charging current | AC 3-phase |
| Charging current | 32 A AC (3-phase) |
| Charging power | 26.6 kW (3-phase) |
| Rated voltage | 480 V |

Material specifications

| | |
|------------------------|---------------|
| Color (Housing) | black (9005) |
| Color (Handle area) | gray (7042) |
| Color (Mating face) | black (9005) |
| Color (Protective cap) | black (9005) |
| Color (Cable) | orange (2003) |

Cable/line

| | |
|-------------------------|---|
| Cable length | 5 m |
| Cable type | Class 6 |
| Cable type | straight |
| Cable structure | 5 x 6.0 mm ² + 1 x 0.5 mm ² |
| External cable diameter | 17.00 mm ±0.5 mm |
| Outer sheath, material | TPE |
| Cable resistance | ≤ 0.0033 Ω/m (based on a power core, at an ambient temperature of 20°C) |
| Bending radius | min. 255 mm (15x diameter) |
| Cable length | 5 m |
| External cable diameter | 17.00 mm ±0.5 mm |
| Cable type | Class 6 |
| Cable resistance | ≤ 0.0033 Ω/m (based on a power core, at an ambient temperature of 20°C) |

Standards and regulations

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Standards

Standards/regulations

GB/T 20234.2-2015

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Drawings



Make sure that the vehicle charging connector is placed in an appropriate charging connector holder, which ensures a minimum protection rating of IP24 in accordance with IEC 61851-1, for the entire time between charging. To create this charging connector holder, use the dimensions of the vehicle charging connector. Detailed dimensions can also be found in the Download area.

Schematic diagram

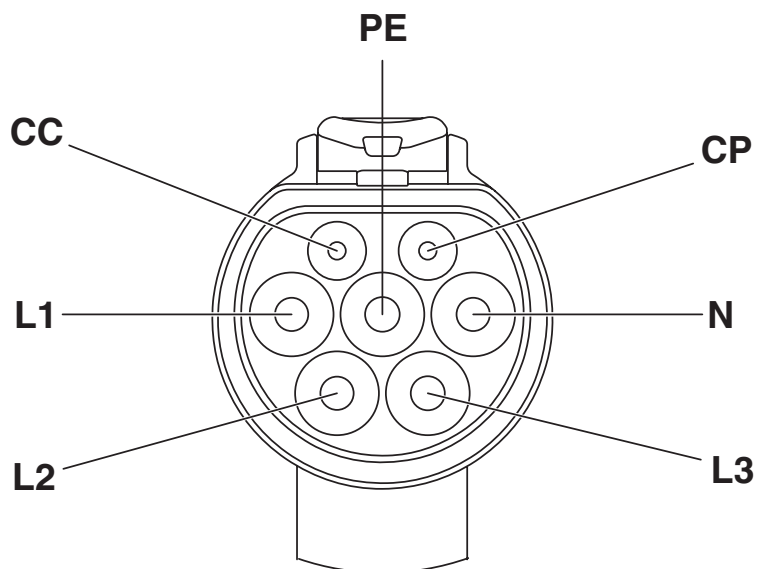


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Schematic diagram



Pin assignment of the Vehicle Connector

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27144705 |
| ECLASS-15.0 | 27144705 |

ETIM

| | |
|----------|----------|
| ETIM 9.0 | EC002897 |
|----------|----------|

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121500 |
|-------------|----------|

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Environmental product compliance

China RoHS

| | |
|--|---|
| Environment friendly use period (EFUP) | EFUP-10 |
| | An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required. |

EU REACH SVHC

| | |
|-------------------------------------|----------------------|
| REACH candidate substance (CAS No.) | Lead(CAS: 7439-92-1) |
|-------------------------------------|----------------------|

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