

EV-T2M3C-1AC20A-4,0M2,5EHRD00 - AC charging cable



1405194

<https://www.phoenixcontact.com/us/products/1405194>

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CHARX connect, Type 2, cable: 4 m, IEC 62196-2, AC charging cable with Vehicle Connector, open cable end, with protective cap



Product description

AC charging cable with vehicle charging connector and free cable end for charging electric vehicles (EV) with alternating current (AC) via type 2 vehicle charging inlets, for installation at charging stations for e-mobility (EVSE)

Your advantages

- Consistent design of all Phoenix Contact Vehicle Connectors and Infrastructure Plugs
- Silver-plated surface of the power and signal contacts
- Developed and produced in accordance with the IATF 16949 automotive standard and ISO 9001
- Convenient handling, thanks to the ergonomic handle and additional, rubber grip components
- Material data available in the IMDS (International Material Data System of the automotive industry)

Commercial data

Item number	1405194
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	EM01
Product key	XWBAAC
GTIN	4046356737050
Weight per piece (including packing)	1,590 g
Weight per piece (excluding packing)	1,057 g
Customs tariff number	85444290
Country of origin	DE

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Technical data

Product properties

Product type	AC charging cable
Product family	CHARX connect
Charging standard	Type 2
Charging mode	Mode 3, Case C

Electrical properties

Charging power and current (AC charging, 1-phase)

Type of charging current	AC single-phase
Charging current	20 A AC (1-phase)
Charging power	5 kW
Rated voltage	250 V

Cable/line

Cable length	4 m
Stripping length of the sheath	45 mm ±10 mm
Stripping length	45 mm ±10 mm

Standards and regulations

Standards

Standards/regulations	IEC 62196-2
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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.

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Schematic diagram



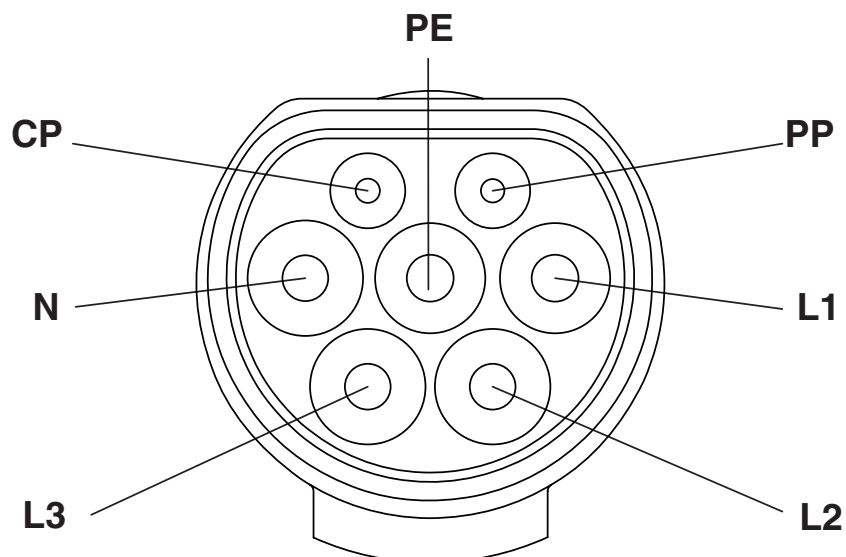
Operating instructions

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Schematic diagram



Pin assignment of the Vehicle Connector

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Classifications

UNSPSC

UNSPSC 21.0	39121522
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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.
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EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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