

EV-T2M3C-1AC20A-4,0M2,5ESRD00 - AC charging cable



1408274

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



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	1408274
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	XWBAAC
Catalog page	Page 721 (C-4-2015)
GTIN	4046356802307
Weight per piece (including packing)	1.951 g
Weight per piece (excluding packing)	1.951 g
Country of origin	DE

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Technical data

Product properties

Product type	AC charging cable
Product family	CHARX connect
Application	AC charging cable with Vehicle Connector, open cable end, with protective cap
Charging mode	Mode 3, Case C
Charging standard	Type 2

Electrical properties

Type of charging current	AC single-phase
Charging power	5 kW
Charging current	20 A

Cable/line

Cable length	4 m
Stripping length of the sheath	45 mm $\pm$ 10 mm
Stripping length	45 mm $\pm$ 10 mm

Standards and regulations

Standards

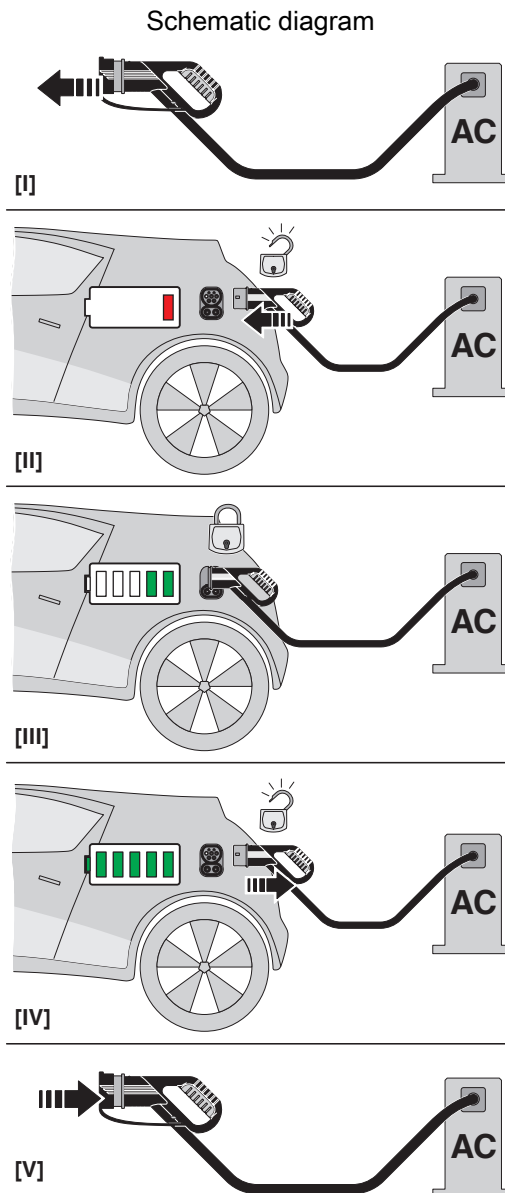
Standards/regulations	IEC 62196-2
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Drawings



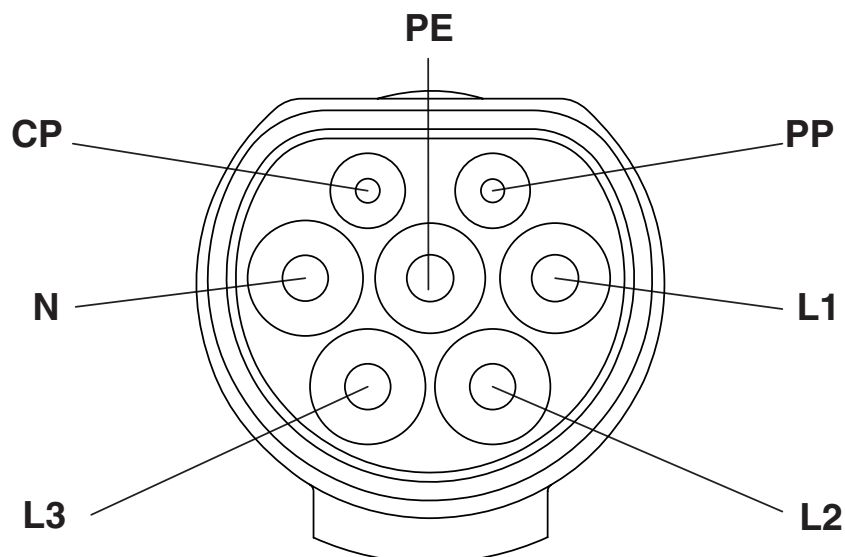
Operating instructions

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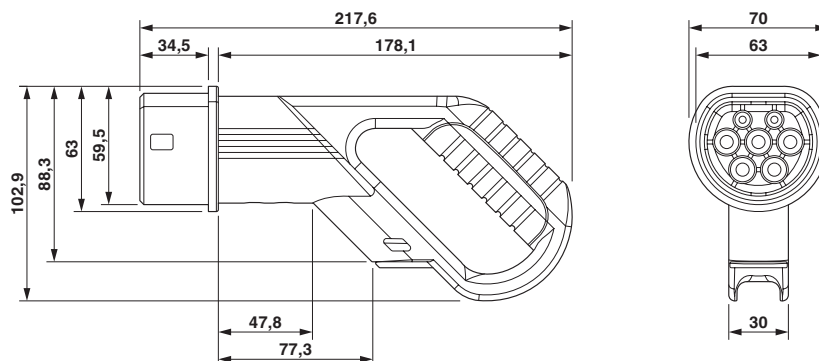
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Schematic diagram



Pin assignment of the Vehicle Connector

Dimensional drawing



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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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)
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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Accessories

EV-T2AC-PARK - Charging connector holder

1624148

<https://www.phoenixcontact.com/us/products/1624148>



CHARX connect, Charging connector holder, Accessories, for vehicle charging connectors on charging stations (EVSE), Type 2, IEC 62196-2, Front mounting, housing: black, PHOENIX CONTACT logo

EV-CC-AC1-M3-CC-SER-HS - AC charging controller

1622459

<https://www.phoenixcontact.com/us/products/1622459>



The EV-CC-AC1-M3-CBC-SER-HS charging controller with housing for DIN rail mounting is used for charging electric vehicles at 3-phase AC networks according to IEC 61851-1, Mode 3. Optimized for charging stations with permanently mounted Vehicle Connector. All charging functions and comprehensive configuration settings are already integrated.

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EV-CC-AC1-M3-CC-SER-PCB - AC charging controller

1622460

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The EV-CC-AC1-M3-CC-SER-PCB charging controller as a PCB for charging electric vehicles on a 3-phase AC power grid according to IEC 61851-1, Mode 3. Optimized for charging stations with permanently mounted Vehicle Connector. All charging functions and comprehensive configuration settings are already integrated.

EV-CC-AC1-M3-CC-SER-PCB-XC-25X - AC charging controller

1627742

<https://www.phoenixcontact.com/us/products/1627742>



The EV-CC-AC1-M3-CC-SER-PCB charging controller as a PCB for charging electric vehicles on a 3-phase AC power grid according to IEC 61851-1, Mode 3. Optimized for charging stations with permanently mounted Vehicle Connector. All charging functions and comprehensive configuration settings are already integrated.

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EV-CC-AC1-M3-CC-SER-PCB-MSTB - AC charging controller

1627367

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The EV-CC-AC1-M3-CC-SER-PCB-MSTB charging controller as a PCB for charging electric vehicles according to IEC 61851-1, Mode 3, optimized for charging stations with permanently mounted Vehicle Connector. Connection via PCB connector on header.

EM-CP-PP-ETH - AC charging controller

2902802

<https://www.phoenixcontact.com/us/products/2902802>



EV charge control is used to charge electrical vehicles on the 3-phase AC mains power supply according to IEC 61851-1 Mode 3. All necessary control functions are integrated. Additional functions are available for various charging applications.

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com