

1622042  
<https://www.phoenixcontact.com/us/products/1622042>

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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

Commercial data

Item number	1622042
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	XWBAAC
Catalog page	Page 746 (C-2-2017)
GTIN	4055626005188
Weight per piece (including packing)	3,100 g
Weight per piece (excluding packing)	3,045 g
Country of origin	DE

# EV-T2M3C-1AC32A-4,0M6,0EHBK00 - AC charging cable



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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	8 kW
Charging current	32 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

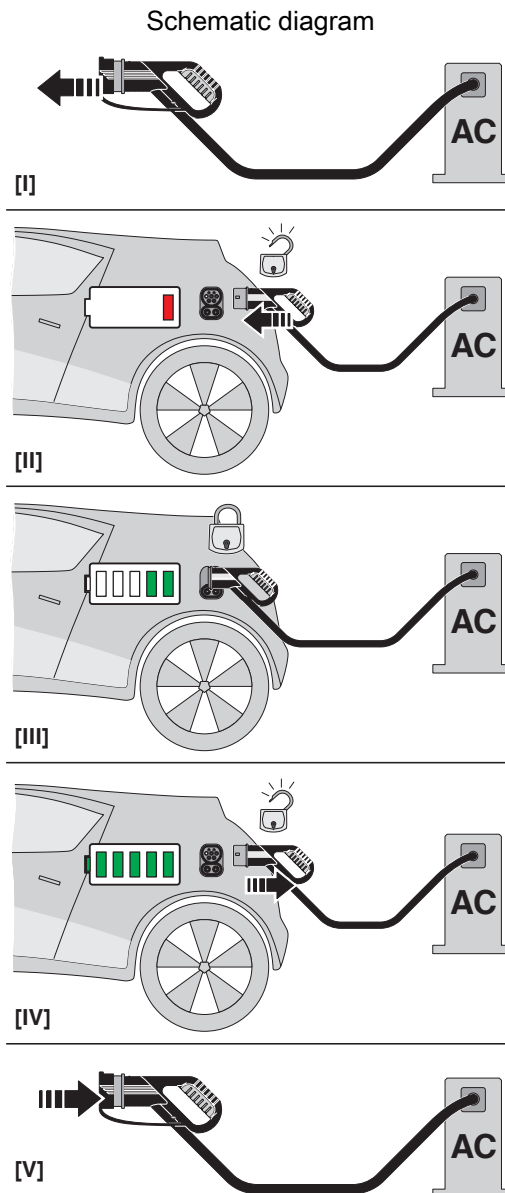
Standards/regulations	IEC 62196-2
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# EV-T2M3C-1AC32A-4,0M6,0EHBK00 - AC charging cable

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## Drawings



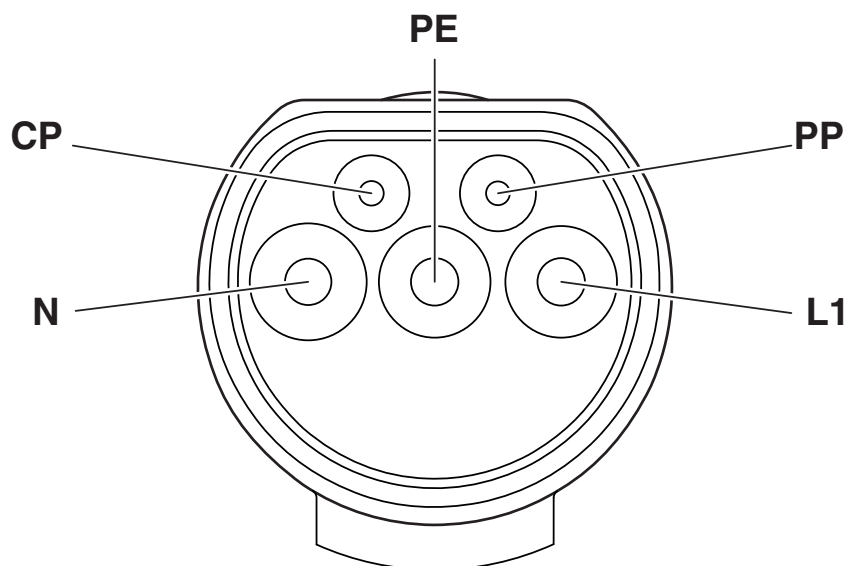
Operating instructions

# EV-T2M3C-1AC32A-4,0M6,0EHBK00 - AC charging cable

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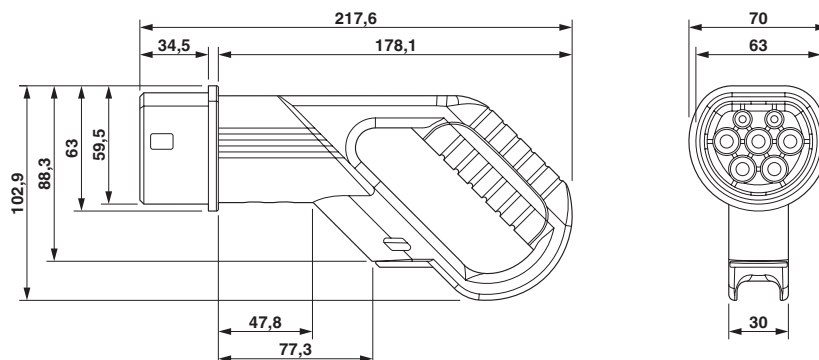
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Schematic diagram



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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## Classifications

### UNSPSC

UNSPSC 21.0	39121522
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## Environmental product compliance

China RoHS	
Environment friendly use period (EFUP)	<div>EFUP-10</div> <div>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.</div>
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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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

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### 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.

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

1627742

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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-T2M3C-1AC32A-4,0M6,0EHBK00 - AC charging cable



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

1627367

<https://www.phoenixcontact.com/us/products/1627367>



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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