

1410088
<https://www.phoenixcontact.com/us/products/1410088>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

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



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	1410088
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	XWBAAC
Catalog page	Page 746 (C-2-2017)
GTIN	4046356889698
Weight per piece (including packing)	4.03 kg
Weight per piece (excluding packing)	4.03 kg
Country of origin	DE

EV-T2M3C-3AC32A-4,0M6,0EHBK00 - AC charging cable



1410088

<https://www.phoenixcontact.com/us/products/1410088>

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 3-phase
Charging power	26.6 kW
Charging current	32 A

Cable/line

Cable length	4 m
Wiring standards/regulations	prEN 50620/DIN EN 50620
Wiring certifications	VDE
Cable type	Class 5
Cable type	spiraled
Cable structure	5 x 6.0 mm ² + 1 x 0.5 mm ²
External cable diameter	17.00 mm ±0.4 mm
Outer sheath, material	TPE-U
Stripping length of the sheath	45 mm ±10 mm
Block length	0.63 m ±10 %
Coil diameter	80 mm ±10 %
Effective length	max. 4 m ±5 %
Stripping length	45 mm ±10 mm
Cable resistance	≤ 0.0033 Ω/m (based on a power core, at an ambient temperature of 20°C)
Bending radius	min. 102 mm (6x diameter)
Cable length	4 m
Stripping length	45 mm ±10 mm
External cable diameter	17.00 mm ±0.4 mm
Cable type	Class 5
Wiring certifications	VDE
Wiring standards/regulations	prEN 50620/DIN EN 50620
Cable resistance	≤ 0.0033 Ω/m (based on a power core, at an ambient temperature of 20°C)

Standards and regulations

Standards

Standards/regulations	IEC 62196-2
-----------------------	-------------

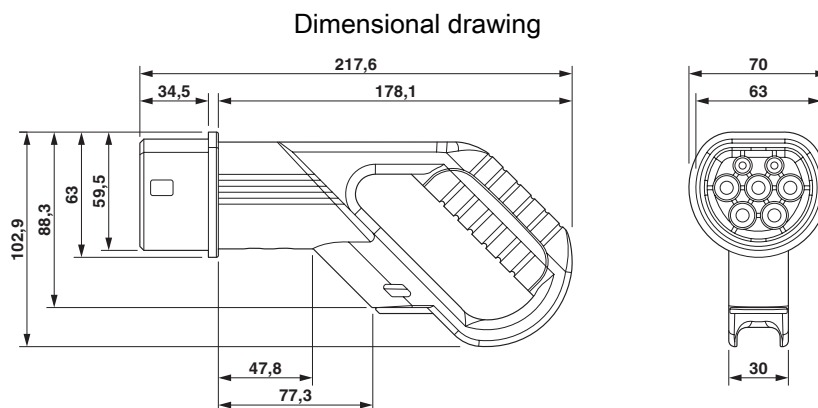
EV-T2M3C-3AC32A-4,0M6,0EHBK00 - AC charging cable



1410088

<https://www.phoenixcontact.com/us/products/1410088>

Drawings



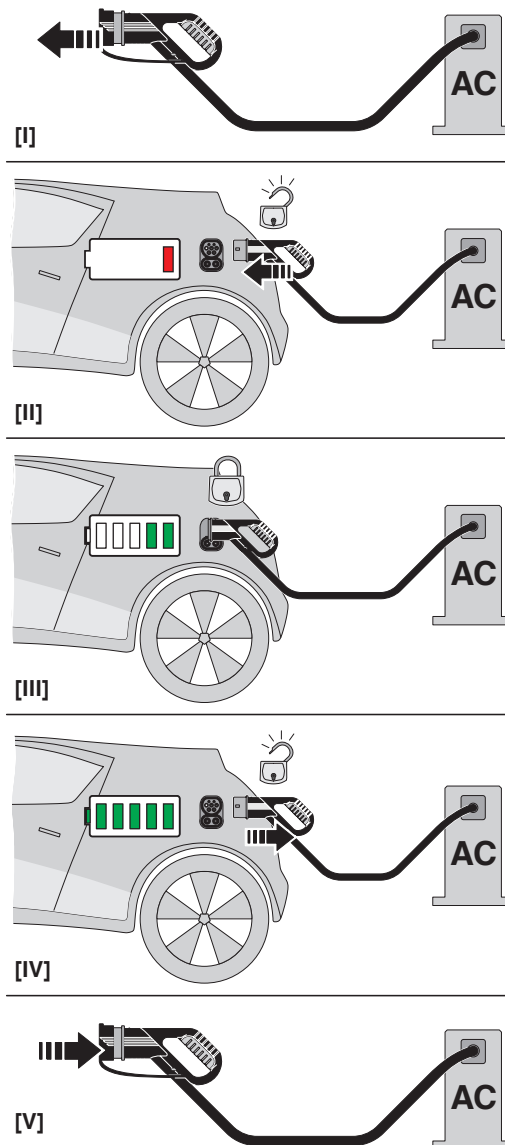
Make sure that the vehicle charging connector is placed in an appropriate charging connector holder, which ensures a minimum protection rating of IP24 in accordance with IEC 61851-1, for the entire time between charging. To create this charging connector holder, use the dimensions of the vehicle charging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

EV-T2M3C-3AC32A-4,0M6,0EHBK00 - AC charging cable

1410088

<https://www.phoenixcontact.com/us/products/1410088>

Schematic diagram



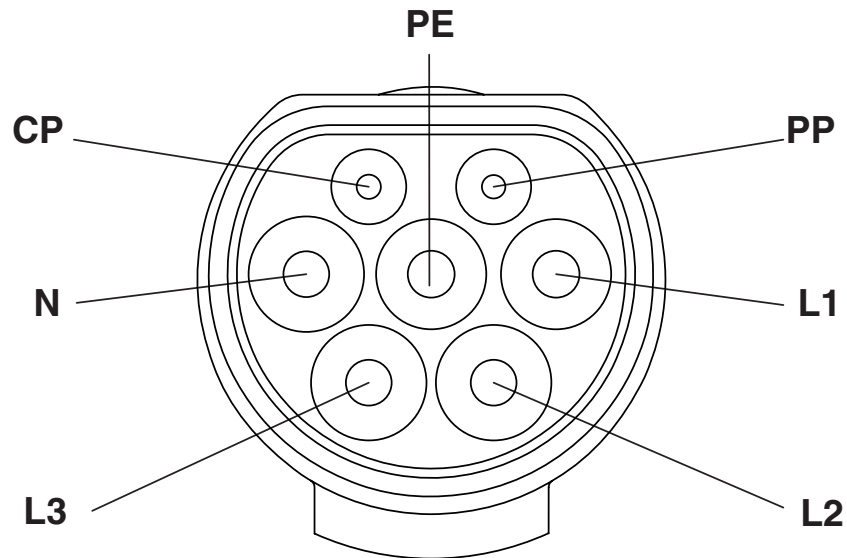
Operating instructions

EV-T2M3C-3AC32A-4,0M6,0EHBK00 - AC charging cable

1410088

<https://www.phoenixcontact.com/us/products/1410088>

Schematic diagram



Pin assignment of the Vehicle Connector

EV-T2M3C-3AC32A-4,0M6,0EHBK00 - AC charging cable



1410088
<https://www.phoenixcontact.com/us/products/1410088>

Classifications

UNSPSC

UNSPSC 21.0	39121522
-------------	----------

EV-T2M3C-3AC32A-4,0M6,0EHBK00 - AC charging cable



1410088
<https://www.phoenixcontact.com/us/products/1410088>

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.)	No substance above 0.1 wt%

EV-T2M3C-3AC32A-4,0M6,0EHBK00 - AC charging cable



1410088

<https://www.phoenixcontact.com/us/products/1410088>

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.

EV-T2M3C-3AC32A-4,0M6,0EHBK00 - AC charging cable



1410088

<https://www.phoenixcontact.com/us/products/1410088>

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

1622460

<https://www.phoenixcontact.com/us/products/1622460>



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.

EV-T2M3C-3AC32A-4,0M6,0EHBK00 - AC charging cable



1410088

<https://www.phoenixcontact.com/us/products/1410088>

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.

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

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