

EV-T2M3PC-1AC20A-4,0M2,5EHRD00 - AC charging cable



1404563

<https://www.phoenixcontact.com/us/products/1404563>

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, Type 2, cable: 4 m, IEC 62196-2, Mobile AC charging cable with vehicle connector and infrastructure plug, with protective cap



Product description

Mobile AC charging cable with vehicle charging connector and infrastructure charging plug for charging electric vehicles (EV) with alternating current (AC) via type 2 vehicle charging inlets, compatible with type 2 infrastructure charging sockets 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
- Material data available in the IMDS (International Material Data System of the automotive industry)
- Convenient handling, thanks to the ergonomic handle and additional, rubber grip components

Commercial data

Item number	1404563
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	EM01
Product key	XWBAEC
GTIN	4046356699686
Weight per piece (including packing)	1,859 g
Weight per piece (excluding packing)	1,859 g
Customs tariff number	85444290
Country of origin	DE

EV-T2M3PC-1AC20A-4,0M2,5EHRD00 - AC charging cable



1404563

<https://www.phoenixcontact.com/us/products/1404563>

Technical data

Product properties

Product type	AC charging cable
Product family	CHARX connect
Application	Mobile AC charging cable with vehicle connector and infrastructure plug, with protective cap
Charging standard	Type 2
Charging mode	Mode 3, Case B

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

Cable/line

Cable length	4 m
--------------	-----

Standards and regulations

Standards

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

EV-T2M3PC-1AC20A-4,0M2,5EHRD00 - AC charging cable

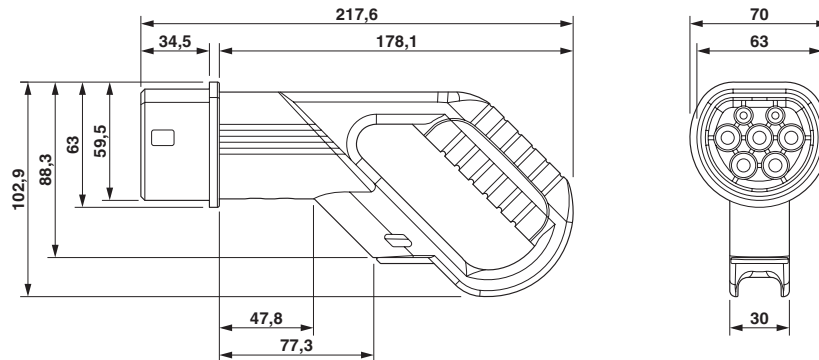


1404563

<https://www.phoenixcontact.com/us/products/1404563>

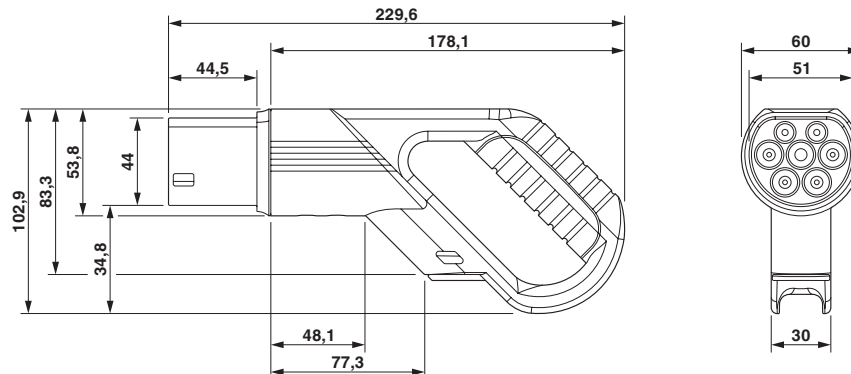
Drawings

Dimensional drawing



Vehicle connector

Dimensional drawing



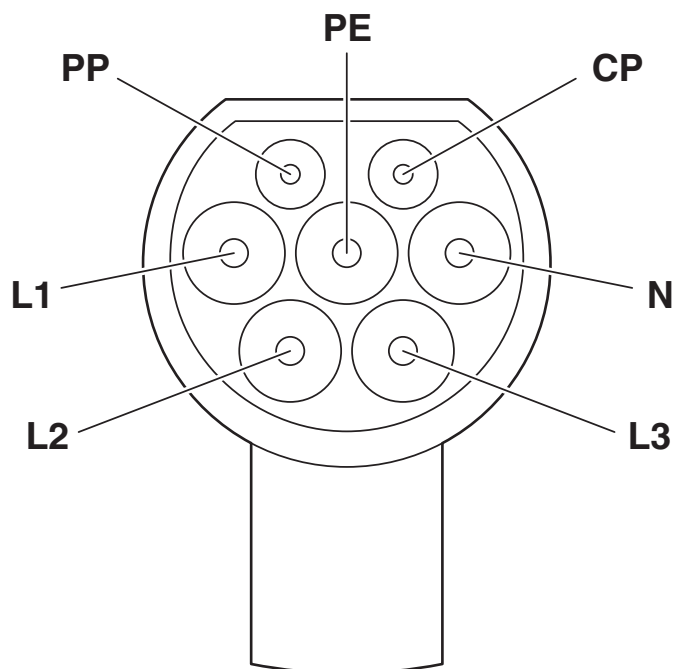
Infrastructure plug

EV-T2M3PC-1AC20A-4,0M2,5EHRD00 - AC charging cable

1404563

<https://www.phoenixcontact.com/us/products/1404563>

Connection diagram



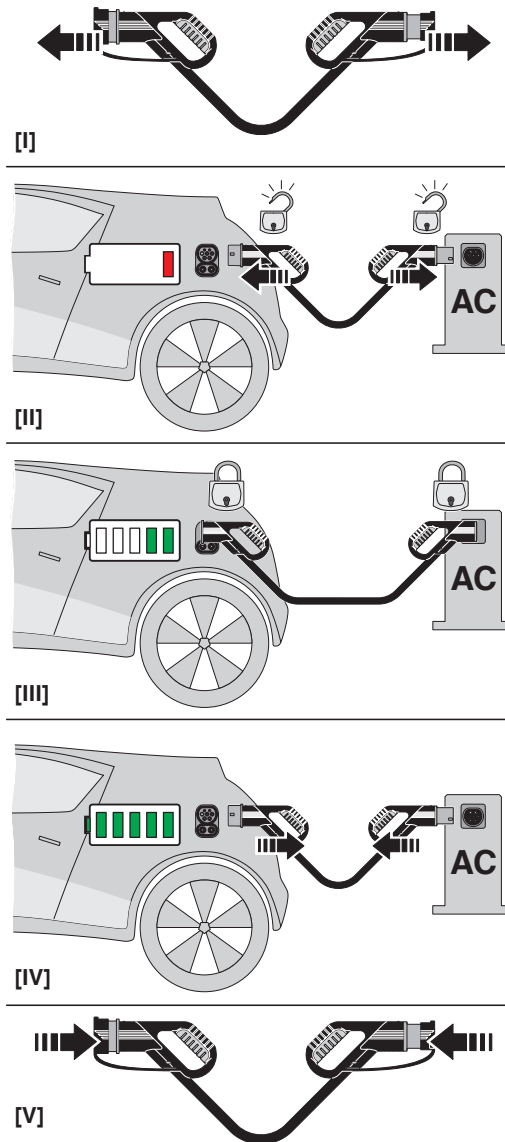
Pin assignment of Infrastructure Plug

EV-T2M3PC-1AC20A-4,0M2,5EHRD00 - AC charging cable

1404563

<https://www.phoenixcontact.com/us/products/1404563>

Schematic diagram



Operating instructions

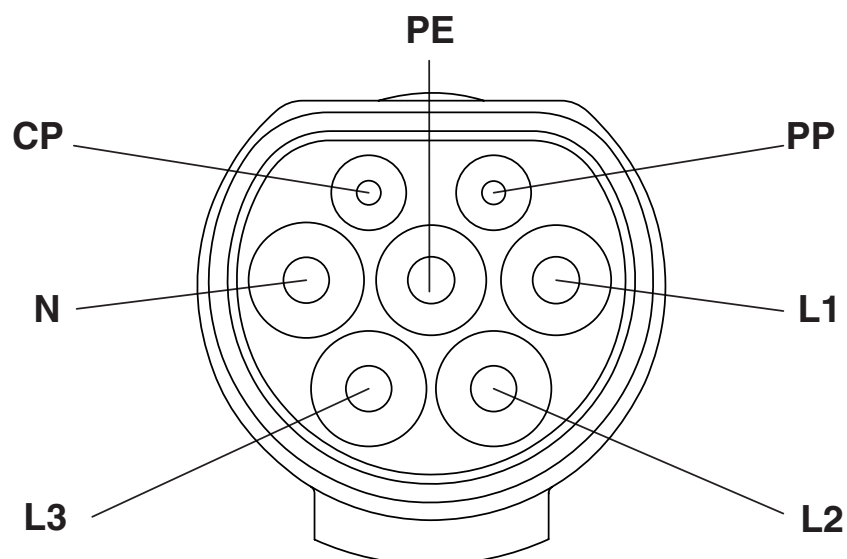
EV-T2M3PC-1AC20A-4,0M2,5EHRD00 - AC charging cable



1404563

<https://www.phoenixcontact.com/us/products/1404563>

Schematic diagram



Pin assignment of the Vehicle Connector

EV-T2M3PC-1AC20A-4,0M2,5EHRD00 - AC charging cable



1404563
<https://www.phoenixcontact.com/us/products/1404563>

Classifications

UNSPSC

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

EV-T2M3PC-1AC20A-4,0M2,5EHRD00 - AC charging cable



1404563
<https://www.phoenixcontact.com/us/products/1404563>

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%

Phoenix Contact 2025 © - 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