

1621585  
<https://www.phoenixcontact.com/us/products/1621585>

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CHARX connect, Mobile AC charging cable with vehicle connector and infrastructure plug, with protective cap, Type 2, IEC 62196-2, cable: 8 m, straight, NOTE: Cable management may be required.



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
- Convenient handling, thanks to the ergonomic handle and additional, rubber grip components

Commercial data

Item number	1621585
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	XWBAEC
GTIN	4046356939782
Weight per piece (including packing)	5,212 g
Weight per piece (excluding packing)	5,121 g
Country of origin	DE

# EV-T2M3PC-3AC32A-8,0M6,0ESBK00 - AC charging cable



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## Technical data

### Notes

General	NOTE: Cable management may be required.
General	Cable management is required in certain regions if the cable length exceeds 5.0 m (Switzerland) or 7.5 m (USA) (IEC 61851-1).

### 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 mode	Mode 3, Case B
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	8 m
Wiring standards/regulations	prEN 50620/DIN EN 50620
Wiring certifications	VDE
Cable weight	max. 505.00 kg/km
Cable type	Class 5
Cable type	straight
Cable structure	5 x 6.0 mm <sup>2</sup> + 1 x 0.5 mm <sup>2</sup>
External cable diameter	17.00 mm ±0.4 mm
Outer sheath, material	TPE-U
Cable resistance	≤ 0.0033 Ω/m (based on a power core, at an ambient temperature of 20°C)
Bending radius	min. 127.5 mm (7.5x diameter)
Cable length	8 m
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
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# EV-T2M3PC-3AC32A-8,0M6,0ESBK00 - AC charging cable

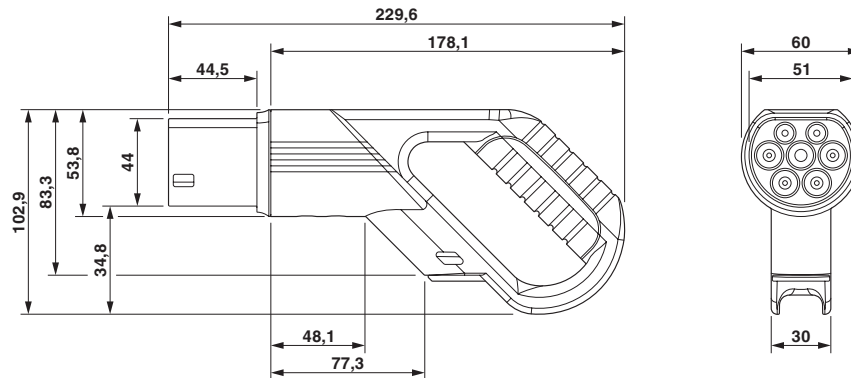


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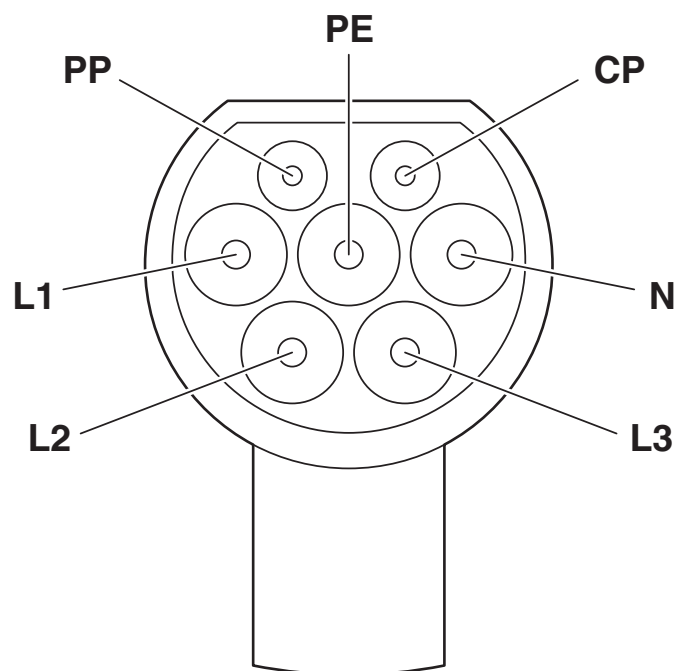
## Drawings

Dimensional drawing



Infrastructure plug

Connection diagram



Pin assignment of Infrastructure Plug

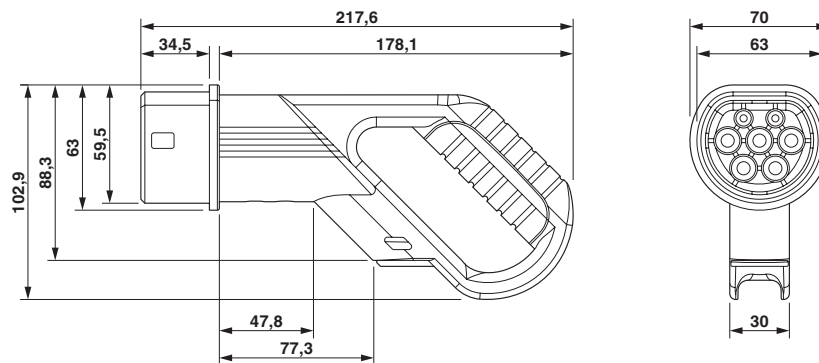
# EV-T2M3PC-3AC32A-8,0M6,0ESBK00 - AC charging cable



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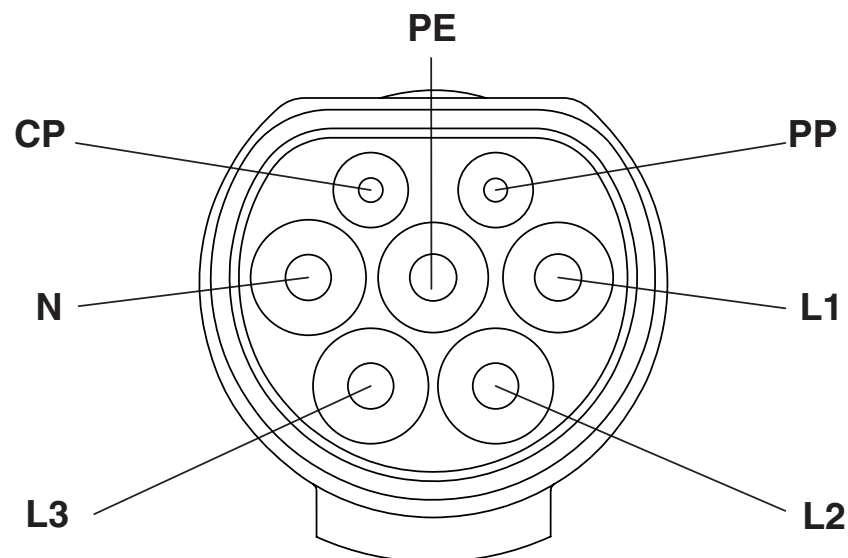
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Dimensional drawing



Vehicle connector

Schematic diagram



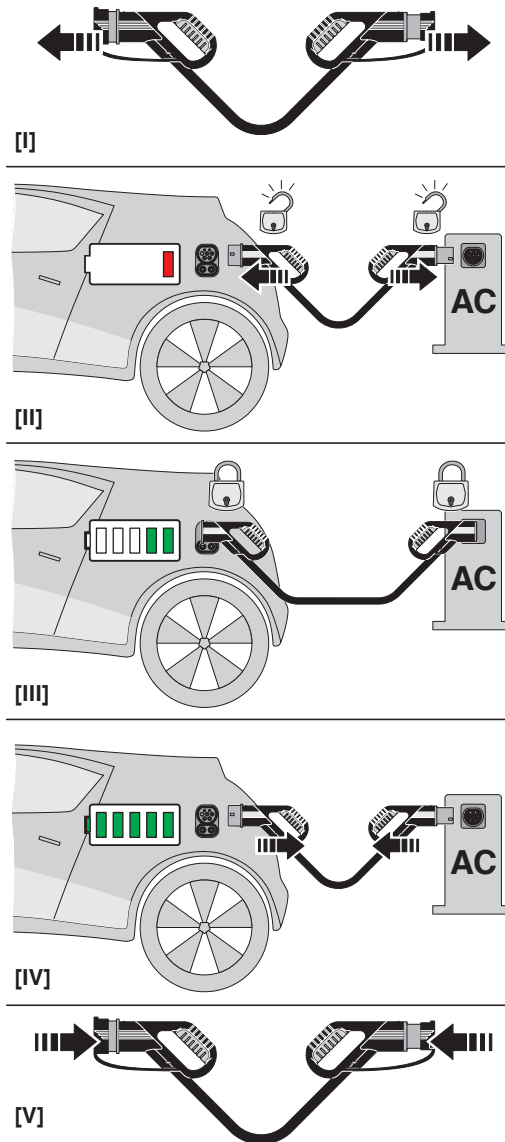
Pin assignment of the Vehicle Connector

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Schematic diagram



Operating instructions

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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-T2M3SE24-3AC32A-0,7M6,0E10 - Infrastructure charging socket

1405216

<https://www.phoenixcontact.com/us/products/1405216>



CHARX connect, Infrastructure charging socket, for charging electric vehicles (EV) with alternating current (AC), Type 2, IEC 62196-2, 32 A / 480 V (AC), Single wires, length: 0.7 m, locking actuator: 24 V, 4-pos., Rear panel mounting, PHOENIX CONTACT logo

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