

EV-TAM3PC-1AC32A-8,0M6,0ESBK00 - AC charging cable



1623149
<https://www.phoenixcontact.com/us/products/1623149>

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CHARX connect, Mobile AC charging cable with vehicle connector and infrastructure plug, with protective cap, Type 1, Type 2, IEC 62196-2, SAE J1772, 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 1 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	1623149
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	XWBAEE
GTIN	4055626130637
Weight per piece (including packing)	3.403 kg
Weight per piece (excluding packing)	3.36 kg
Country of origin	DE

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1623149

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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 1
	Type 2

Electrical properties

Type of charging current	AC single-phase
Charging power	8 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. 305.00 kg/km
Cable type	Class 5
Cable type	straight
Cable structure	3 x 6.0 mm ² + 1 x 0.5 mm ²
External cable diameter	12.80 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. 96 mm (7.5x diameter)
Cable length	8 m
External cable diameter	12.80 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

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1623149
<https://www.phoenixcontact.com/us/products/1623149>

Standards/regulations	IEC 62196-2
	SAE J1772

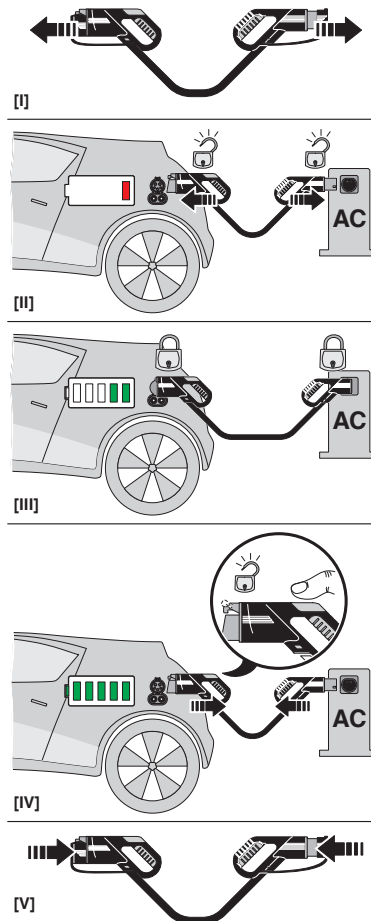
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Drawings

Schematic diagram



Operating instructions

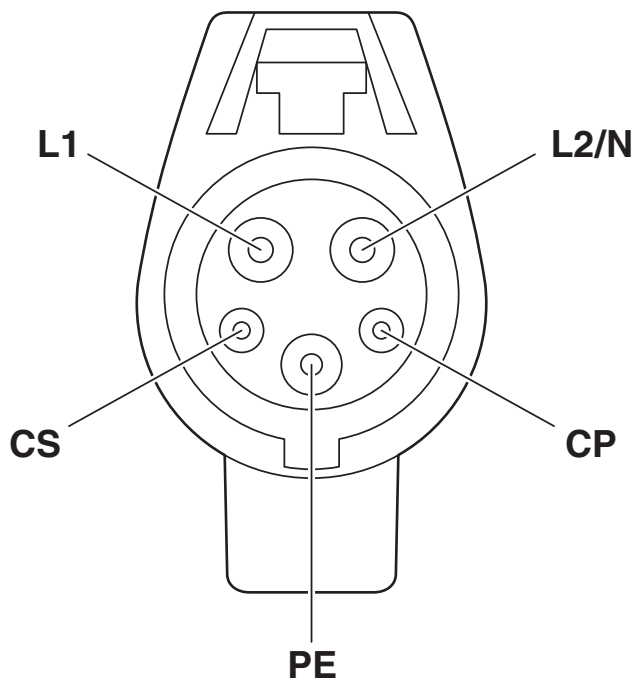
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1623149

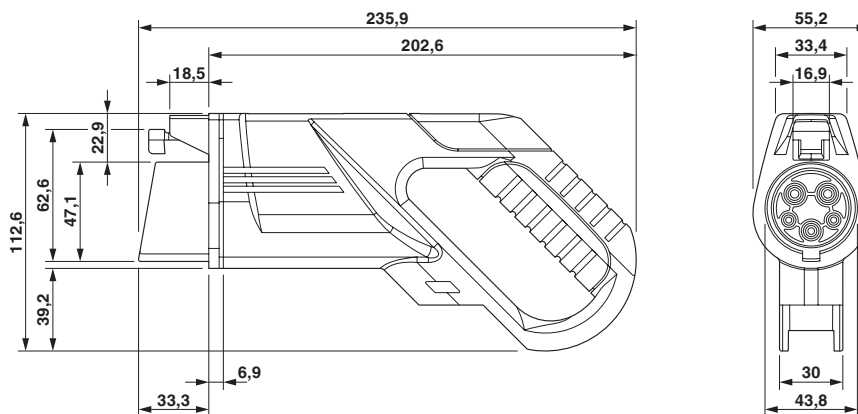
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Connection diagram



Pin assignment of the Vehicle Connector

Dimensional drawing



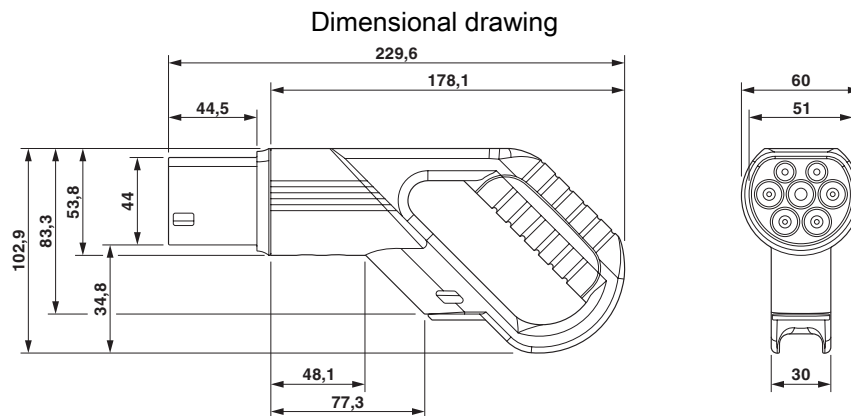
Vehicle connector

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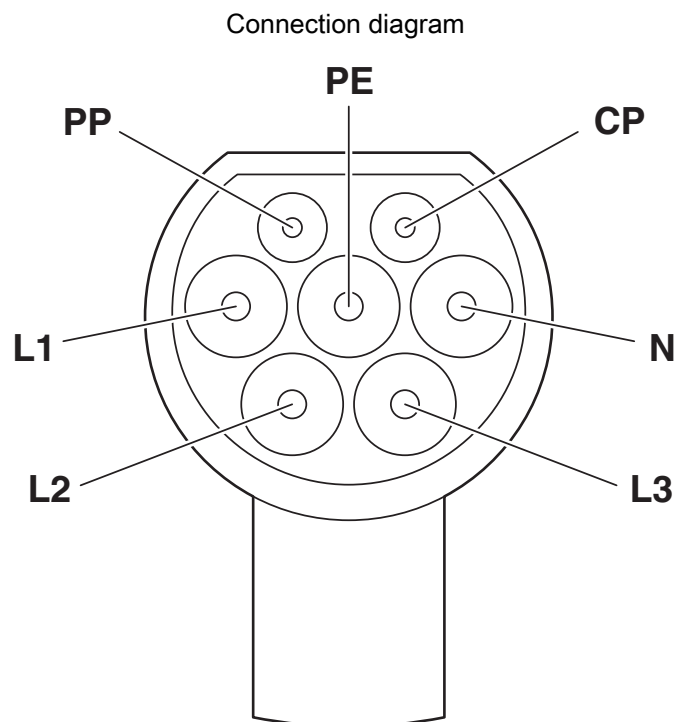


1623149

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Infrastructure plug



Pin assignment of Infrastructure Plug

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1623149
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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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1623149

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Accessories

EV-T1AC-PARK - Charging connector holder

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CHARX connect, Charging connector holder, Accessories, for vehicle charging connectors on charging stations (EVSE), Type 1, SAE J1772, Front mounting, housing: black

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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