

EV-GBM3PC-3AC32A-5,0M6,0ESOG00 - AC charging cable



1408165

<https://www.phoenixcontact.com/us/products/1408165>

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CHARX connect, GB/T, Mobile AC charging cable, with vehicle charging connector and infrastructure charging plug, cable: 5 m, black, straight, with protective cap, housing: black, gray, PHOENIX CONTACT logo, GB/T 20234.2, for charging electric vehicles (EV) with alternating current (AC) via GB/T vehicle charging inlets



Product description

Mobile AC charging cable with vehicle charging connector and infrastructure charging plug for charging electric vehicles (EV) with alternating current (AC) via GB/T vehicle charging inlets, compatible with GB/T infrastructure charging sockets at charging stations (EVSE)

Your advantages

- Complete product range
- Convenient handling due to the ergonomic, triple award-winning design
- Available with your logo on request - for consistent branding of your charging station
- Longitudinal water tightness reliably prevents water ingress
- Developed and produced in accordance with the IATF 16949 automotive standard and ISO 9001
- Tested in accordance with automotive standards LV124, LV214, and LV215-2
- Tested in accordance with EV Ready 37 requirements

Commercial data

Item number	1408165
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	XWBAEF
GTIN	4046356856102
Weight per piece (including packing)	4.03 kg
Weight per piece (excluding packing)	3.35 kg
Country of origin	CN

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Technical data

Product properties

Product type	AC charging cable
Product family	CHARX connect
Application	for charging electric vehicles (EV) with alternating current (AC) via GB/T vehicle charging inlets
	Compatible with GB/T infrastructure charging sockets at charging stations for electromobility (EVSE)
Design	with protective cap
Charging standard	GB/T
Charging mode	Mode 3, Case B
Affixed logo	PHOENIX CONTACT logo

Electrical properties

Charging power and current (AC charging (3-phase))

Type of charging current	AC 3-phase
Charging current	32 A AC (3-phase)
Charging power	26.6 kW (3-phase)
Rated voltage	480 V

Material specifications

Color (Housing)	black (9005)
Color (Handle area)	gray (7042)
Color (Mating face)	black (9005)
Color (Protective cap)	black (9005)
Color (Cable)	black (9005)

Cable/line

Cable length	5 m
Cable type	Class 6
Cable type	straight
Cable structure	5 x 6.0 mm ² + 1 x 0.5 mm ²
External cable diameter	17.00 mm ±0.5 mm
Outer sheath, material	TPE
Cable resistance	≤ 0.0033 Ω/m (based on a power core, at an ambient temperature of 20°C)
Bending radius	min. 255 mm (15x diameter)
Cable length	5 m
External cable diameter	17.00 mm ±0.5 mm
Cable type	Class 6
Cable resistance	≤ 0.0033 Ω/m (based on a power core, at an ambient temperature of 20°C)

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Standards and regulations

Standards

Standards/regulations

GB/T 20234.2

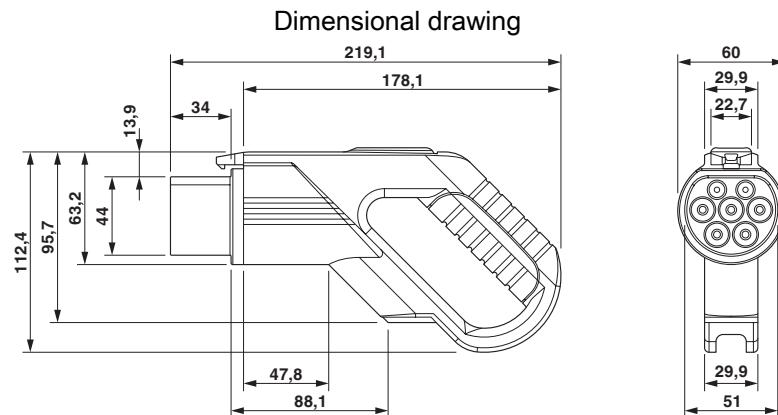
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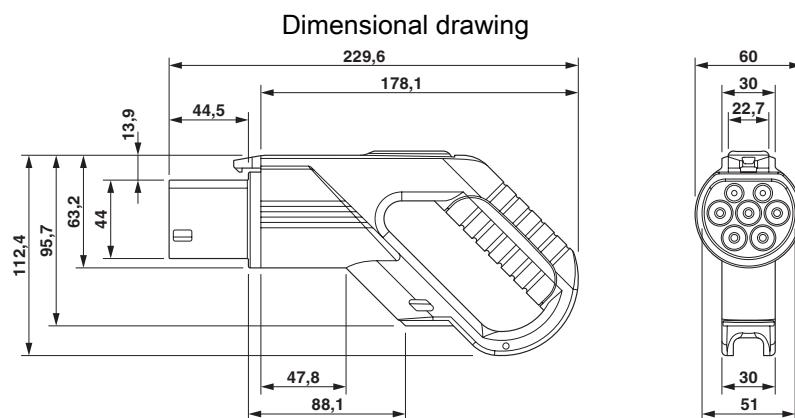
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Drawings



Vehicle connector



Infrastructure plug

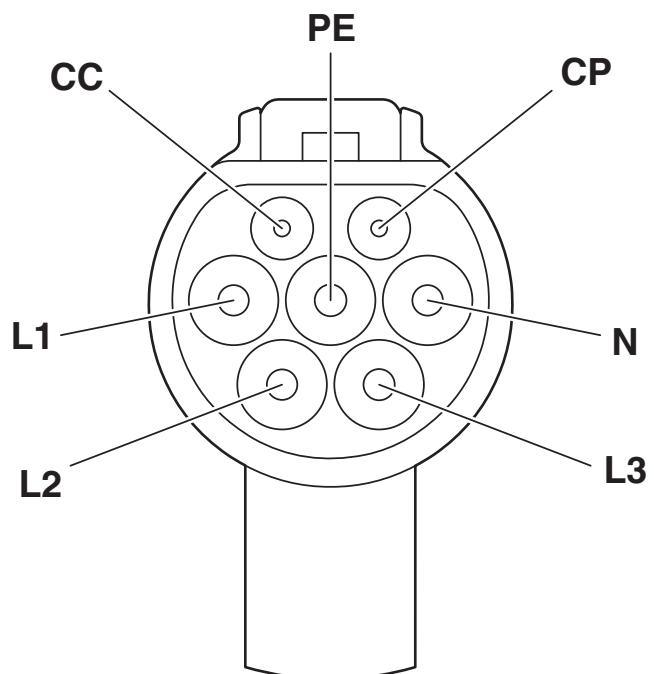
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Connection diagram



Pin assignment of Infrastructure Plug

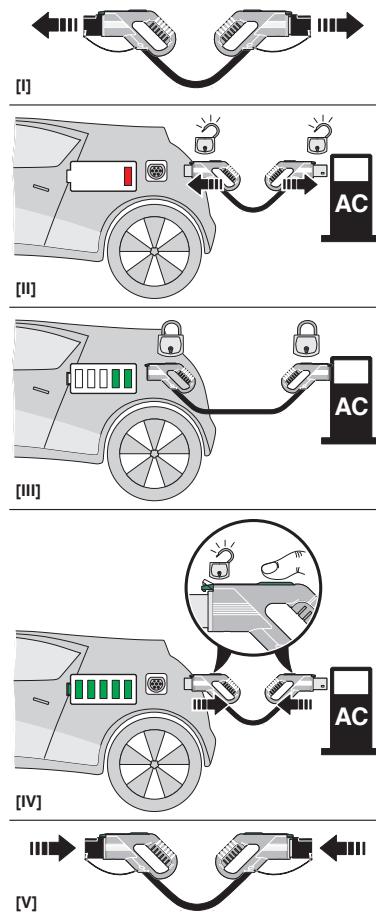
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Schematic diagram



Operating instructions

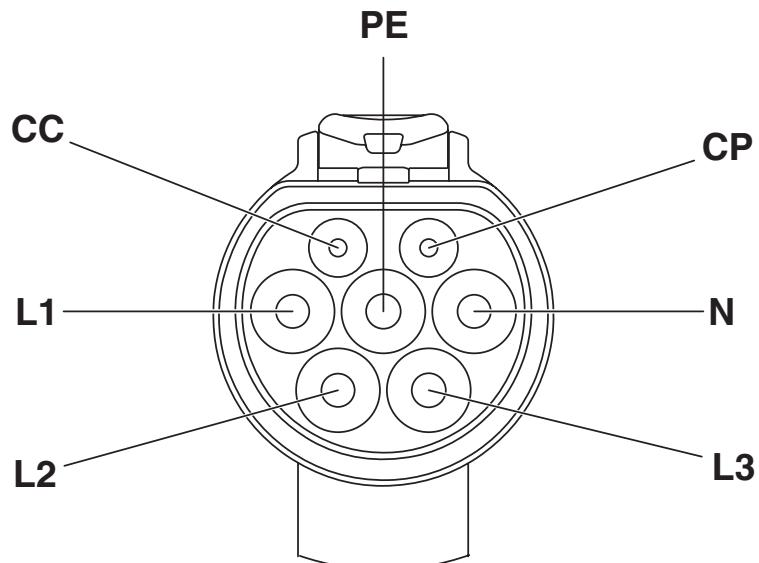
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Schematic diagram



Pin assignment of the Vehicle Connector

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Classifications

ETIM

ETIM 8.0

EC002897

UNSPSC

UNSPSC 21.0

39121500

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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Not applicable
Exemption	6(c)

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.
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EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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