

# EV-GBM3C-3AC32A-8,4M6,0ESOG00 - AC charging cable



1623815

<https://www.phoenixcontact.com/us/products/1623815>

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CHARX connect, GB/T, AC charging cable, with vehicle charging connector and open cable end, cable: 8.4 m, orange, straight, with protective cap, housing: black, gray, PHOENIX CONTACT logo, NOTE: Cable management may be required., GB/T 20234.2, for charging electric vehicles (EV) with alternating current (AC) via GB/T vehicle charging inlets



## Product description

AC charging cable with vehicle charging connector and free cable end for charging electric vehicles (EV) with alternating current (AC) via GB/T vehicle charging inlets, for installation at charging stations for e-mobility (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	1623815
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	XWBAAF
GTIN	4055626322957
Country of origin	DE

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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
	for installation at charging stations for electromobility (EVSE)
Design	with protective cap
Charging standard	GB/T
Charging mode	Mode 3, Case C
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)	orange (2003)

### Cable/line

Cable length	8.4 m
Cable type	Class 6
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 ±0.5 mm
Outer sheath, material	TPE
Stripping length of the sheath	45 mm ±10 mm
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. 255 mm (15x diameter)
Cable length	8.4 m
Stripping length	45 mm ±10 mm
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

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temperature of 20°C)

## Standards and regulations

Connection in accordance with standard

Normative cable length restrictions

NOTE: Cable management may be required.

Cable management is required in the US if the cable length exceeds 7.5 m (IEC 61851-1).

Standards

Standards/regulations

GB/T 20234.2

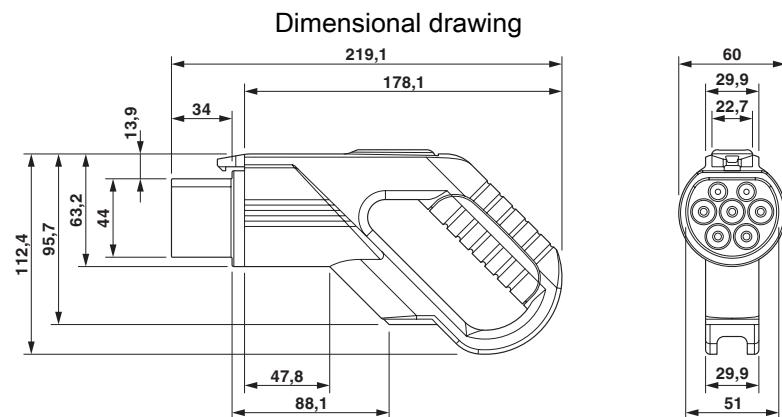
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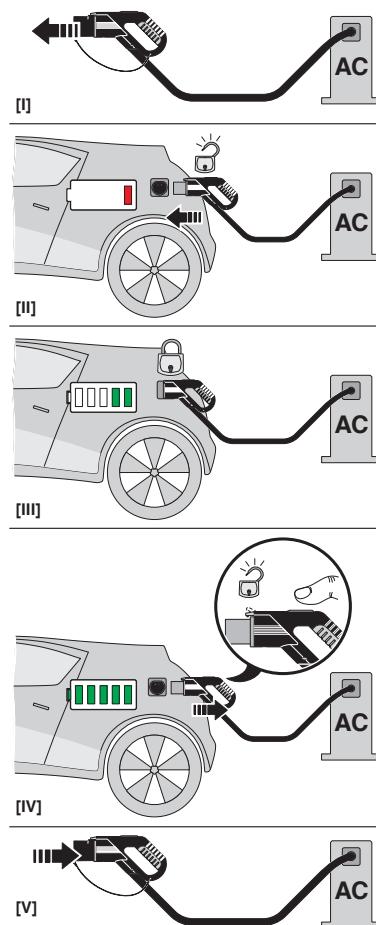
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## Drawings



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.

## Schematic diagram



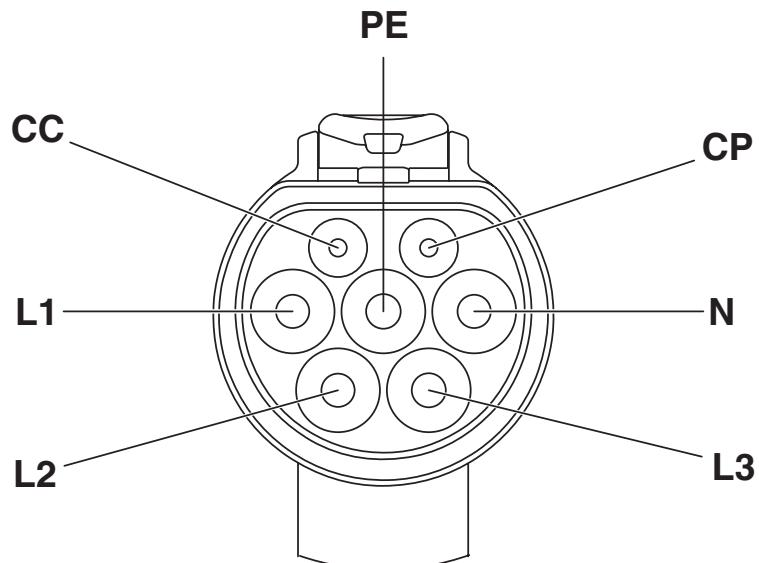
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Schematic diagram



Pin assignment of the Vehicle Connector

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## Classifications

### ECLASS

ECLASS-15.0	27144705
ECLASS-13.0	27144705

### ETIM

ETIM 9.0	EC002897
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### UNSPSC

UNSPSC 21.0	39121500
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
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.	

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
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