

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



1623815

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

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, 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

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



1623815

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

Technical data

Product properties

Product type	AC charging cable
Product family	CHARX connect
Type	AC charging cable with vehicle charging connector and open cable end
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 ² + 1 x 0.5 mm ²
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 temperature of 20°C)

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



1623815

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

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
-----------------------	--------------

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

1623815

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

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

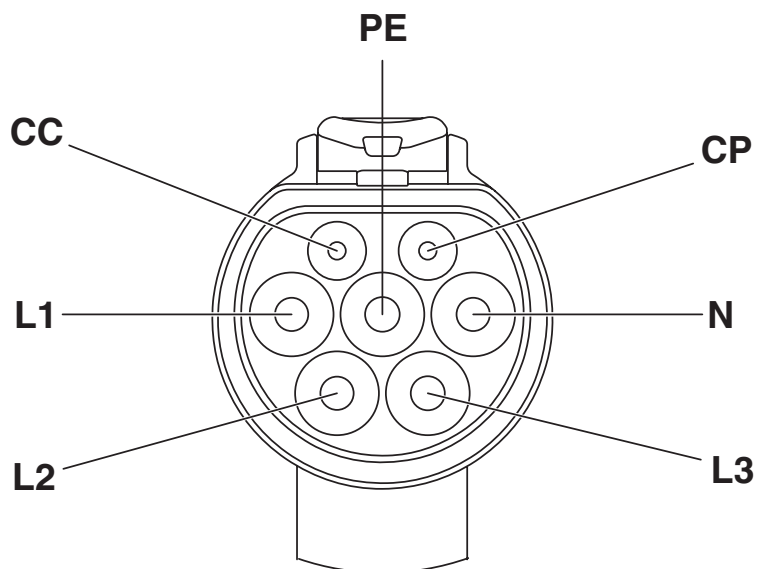


EV-GBM3C-3AC32A-8,4M6,0ESOG00 - AC charging cable

1623815

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

Schematic diagram



Pin assignment of the Vehicle Connector

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



1623815

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

Classifications

ECLASS

ECLASS-15.0	27144705
ECLASS-13.0	27144705

ETIM

ETIM 9.0	EC002897
----------	----------

UNSPSC

UNSPSC 21.0	39121500
-------------	----------

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



1623815

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

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)
-------------------------------------	----------------------

Phoenix Contact 2026 © - 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