

# EV-GBM3C-1AC32A-5,0M6,0ESOC00 - AC charging cable



1621475

<https://www.phoenixcontact.com/us/products/1621475>

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, cable: 5 m, straight, GB/T 20234.2, Mobile AC charging cable with Vehicle Connector and Infrastructure Plug



## Product description

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

## Commercial data

Item number	1621475
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	XWBAAF
GTIN	4046356934015
Weight per piece (including packing)	1,984 g
Weight per piece (excluding packing)	1,960 g
Country of origin	DE

# EV-GBM3C-1AC32A-5,0M6,0ESOC00 - AC charging cable



1621475

<https://www.phoenixcontact.com/us/products/1621475>

## Technical data

### Product properties

Product type	AC charging cable
Product family	CHARX connect
Application	Mobile AC charging cable with Vehicle Connector and Infrastructure Plug
Charging standard	GB/T
Charging mode	Mode 3

### Electrical properties

#### Charging power and current (AC charging (1-phase))

Type of charging current	AC single-phase
Charging current	32 A AC (1-phase)
Charging power	8 kW
Rated voltage	250 V

### Cable/line

Cable length	5 m
Cable type	Class 6
Cable type	straight
Cable structure	3 x 6.0 mm <sup>2</sup> + 1 x 0.5 mm <sup>2</sup>
External cable diameter	13.90 mm ±0.3 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. 208.5 mm (15x diameter)
Cable length	5 m
External cable diameter	13.90 mm ±0.3 mm
Cable type	Class 6
Cable resistance	≤ 0.0033 Ω/m (based on a power core, at an ambient temperature of 20°C)

### Standards and regulations

#### Standards

Standards/regulations	GB/T 20234.2
-----------------------	--------------

# EV-GBM3C-1AC32A-5,0M6,0ESOC00 - AC charging cable

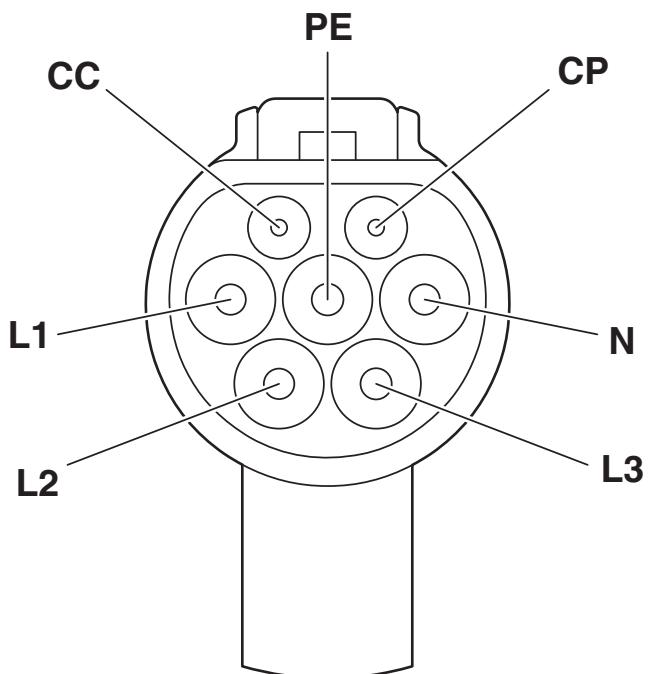


1621475

<https://www.phoenixcontact.com/us/products/1621475>

## Drawings

Connection diagram



Pin assignment of the Vehicle Connector

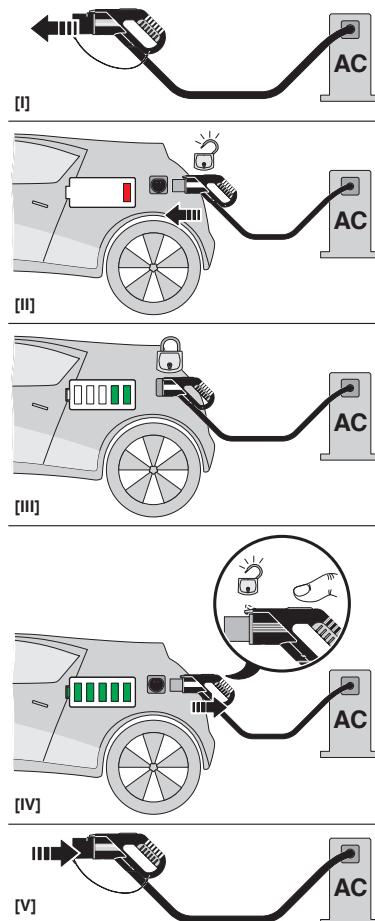
# EV-GBM3C-1AC32A-5,0M6,0ESOC00 - AC charging cable



1621475

<https://www.phoenixcontact.com/us/products/1621475>

Schematic diagram



Operating instructions

# EV-GBM3C-1AC32A-5,0M6,0ESOC00 - AC charging cable



1621475

<https://www.phoenixcontact.com/us/products/1621475>

## Classifications

### UNSPSC

UNSPSC 21.0

39121522

# EV-GBM3C-1AC32A-5,0M6,0ESOC00 - AC charging cable



1621475

<https://www.phoenixcontact.com/us/products/1621475>

## Environmental product compliance

### 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.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2025 © - 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](mailto:info@phoenixcon.com)