

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

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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



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## 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
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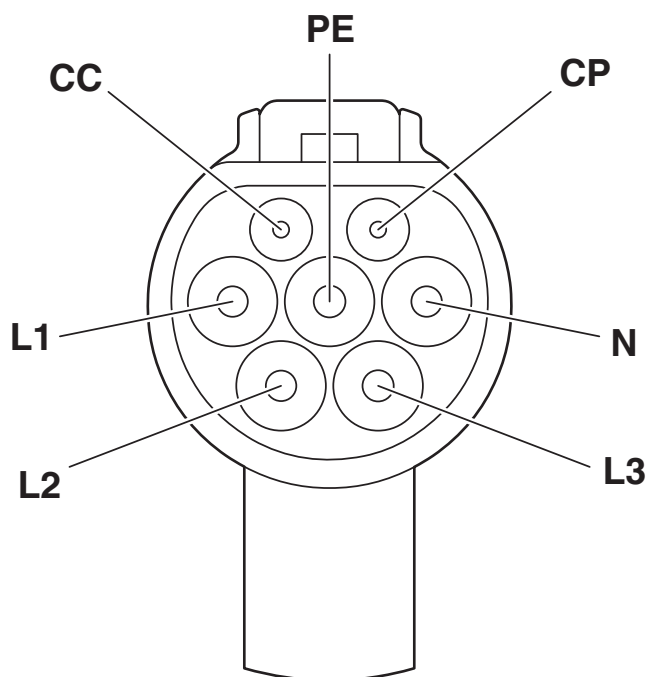
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## Drawings

Connection diagram



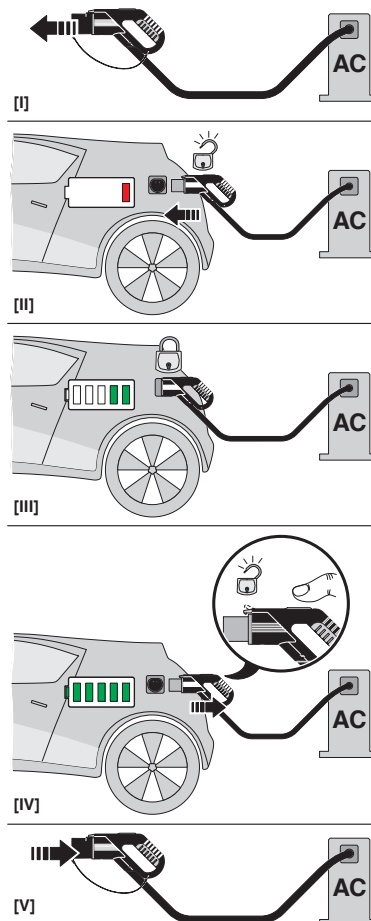
Pin assignment of the Vehicle Connector

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## Schematic diagram



## Operating instructions

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## Classifications

### UNSPSC

UNSPSC 21.0	39121522
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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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