PHŒNIX CONTACT

AC charging cable - EV-GBM3PC-1AC16A-5,0M2,5ESOC00 - 1621471

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, Mobile AC charging cable with Vehicle Connector and Infrastructure Plug, GB/T, GB/T 20234.2

Product Description

Mobile AC charging cable with Vehicle Connector and Infrastructure Plug for charging electric vehicles with alternating current (AC), compatible with AC GB/T Vehicle-Inlets and AC GB/T Infrastructure Socket Outlets at charging stations

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 933971
GTIN	4046356933971

Technical data

Product definition

Application	Mobile AC charging cable with Vehicle Connector and Infrastructure Plug
Standards/regulations	GB/T 20234.2
Charging standard	GB/T
Charging mode	Mode 3

Dimensions

Conductor length	5 m

Ambient conditions

Ambient temperature (operation)	-30 °C ... 50 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Max. altitude	5000 m (above sea level)
Degree of protection	IP55 (plugged in; when plugged in and ready to operate, the degree of protection is only ensued if both plug-in components are original products from Phoenix Contact or suitable standard-compliant products)
	IP54 (Protective cap)

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Technical data

Mechanical properties

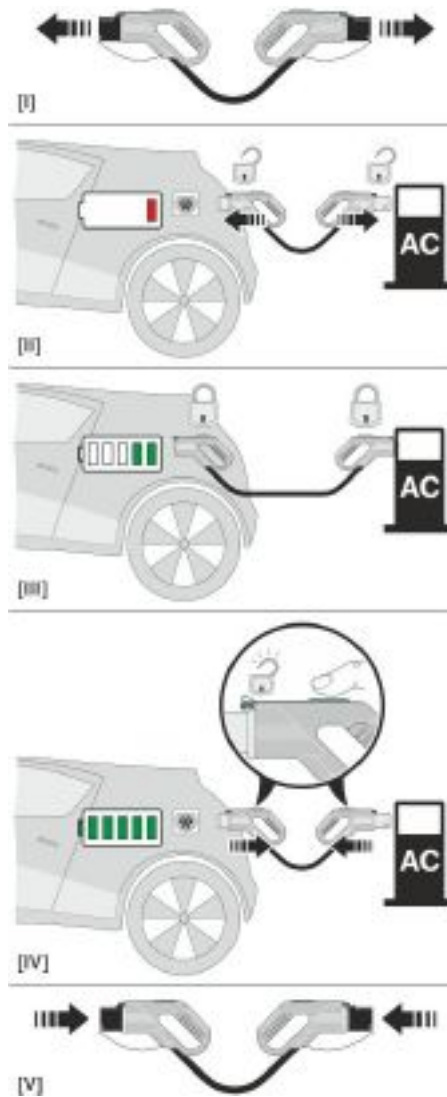| Insertion/withdrawal cycles	> 10000
Insertion force	< 100 N
Withdrawal force	< 100 N

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 10;
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

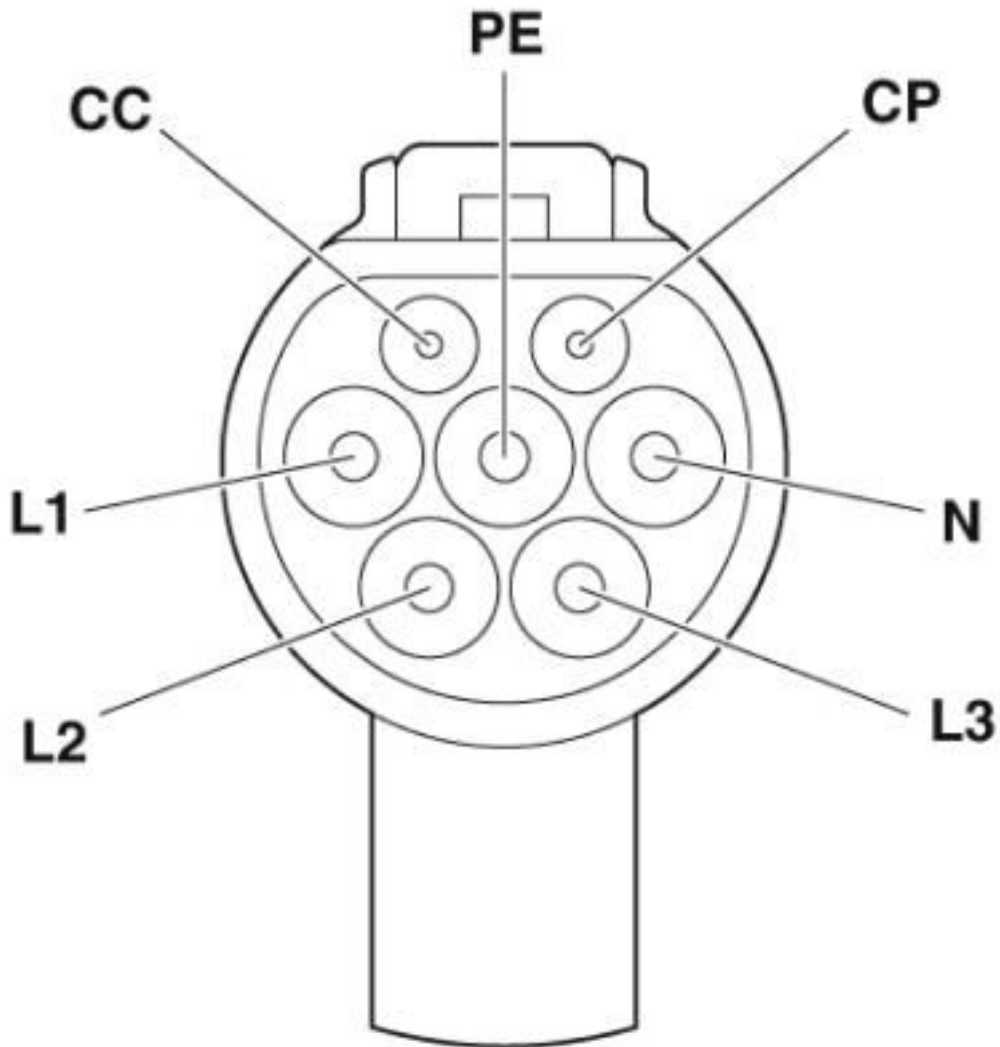# AC charging cable - EV-GBM3PC-1AC16A-5,0M2,5ESOC00 - 1621471

Schematic diagram

Operating instructions

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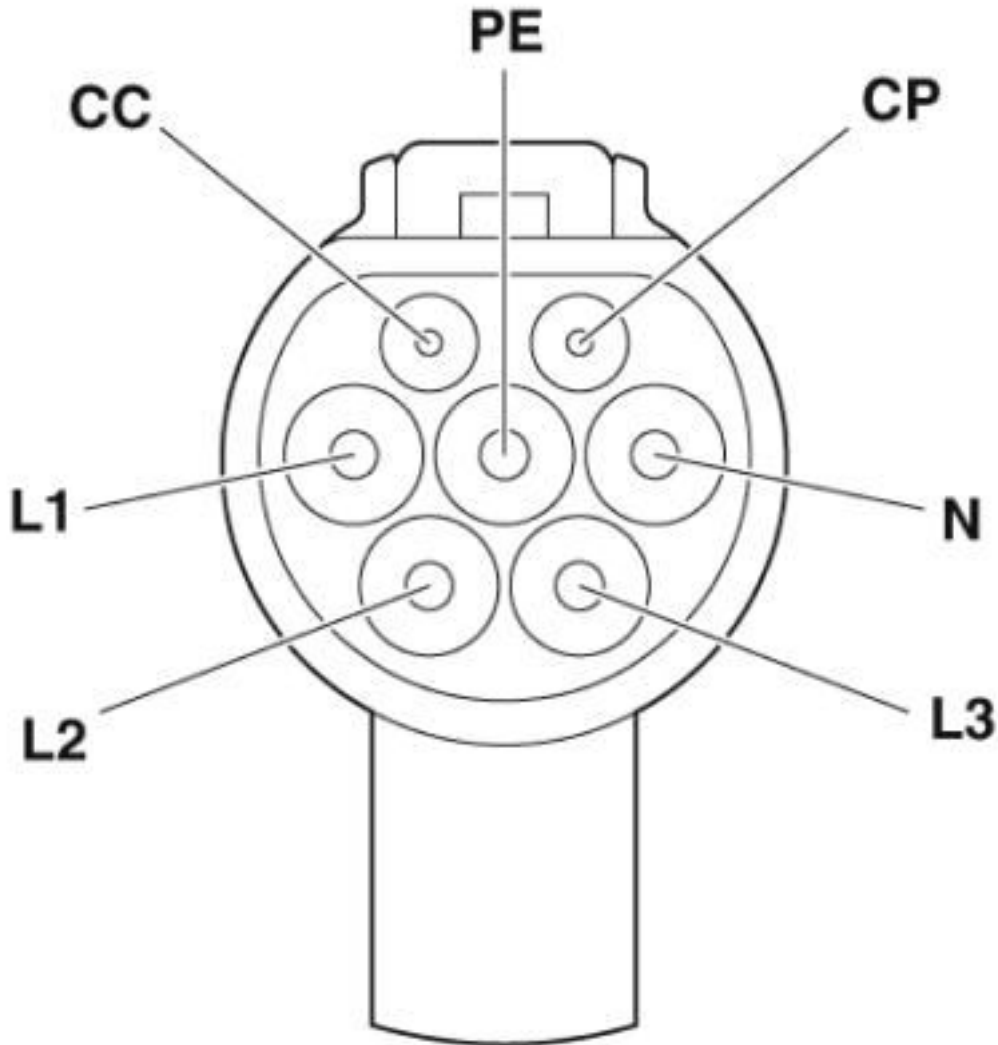
Connection diagram

Pin assignment of the Vehicle Connector

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Connection diagram

Pin assignment of Infrastructure Plug

Classifications

eCl@ss

eCl@ss 4.0	27140800
eCl@ss 4.1	27140800
eCl@ss 5.0	27143400
eCl@ss 5.1	27143400
eCl@ss 6.0	27143400
eCl@ss 7.0	27449001

ETIM

ETIM 4.0	EC002839

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Classifications

ETIM

ETIM 5.0	EC001321
ETIM 6.0	EC002897
ETIM 7.0	EC002897

UNSPSC

UNSPSC 13.2	39121522
UNSPSC 18.0	39121522
UNSPSC 19.0	39121522
UNSPSC 20.0	39121522
UNSPSC 21.0	39121522

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