EV-T2M4CC-DC200A-9,0M70ESBK00 - DC charging cable

1628218

https://www.phoenixcontact.com/lt/products/1628218

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, DC charging cable, with vehicle charging connector and open cable end, for charging electric vehicles (EV) with direct current (DC), CCS type 2, IEC 62196-3, housing: black, gray, PHOENIX CONTACT logo, cable: 9 m, black, NOTE: Cable management may be required.

Product description

DC charging cable with vehicle charging connector and free cable end for fast charging of electric vehicles (EV) with direct current (DC) via CCS type 2 vehicle charging inlets, for installation at charging stations for e-mobility (EVSE)

Your advantages

- Consistent design of all Phoenix Contact Vehicle Connectors and Infrastructure Plugs
- Silver-plated surface of the power and signal contacts
- Developed and produced in accordance with the IATF 16949 automotive standard and ISO 9001
- Convenient handling, thanks to the ergonomic handle and additional, rubber grip components
- Integrated temperature sensors for monitoring the temperature at the power contacts

Commercial data

Item number	1628218
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	XWB
Product key	XWBAAD
GTIN	4055626399140
Weight per piece (including packing)	14.52 kg
Weight per piece (excluding packing)	13.85 kg
Customs tariff number	85444290
Country of origin	DE

Technical data

Product properties

Product type	DC charging cable
Product family	CHARX connect
Application	for charging electric vehicles (EV) with direct current (DC)
	for installation at charging stations for electromobility (EVSE)
	Combined Charging System
Type	DC charging cable
	with vehicle charging connector and open cable end
Affixed logo	PHOENIX CONTACT logo
Charging standard	CCS type 2
Charging mode	Mode 4

Electrical properties

Type of charging current	DC
Charging power	200 kW
Charging current	200 A

Temperature sensors (Pt 1000)

Sensor type	Pt 1000
Standards/regulations	DIN EN 60751
Attachment point	Sensor for the DC contacts
Switch-off temperature	90 °C ±1 K (equivalent to a Pt 1000 value of 1346.5 Ω)
Long-term stability	0.06 % (after 1000 hours at 130 °C)
Recommended measured current	1 mA (1 V at 0°C)
Coefficient	3850 ppm/K
Ambient temperature	-50 °C ... 130 °C (Operation)

Material specifications

Color (Housing)	black (9005)
Color (Handle area)	gray (7042)
Color (Mating face)	black (9005)
Color (Protective cap)	black (9005)
Color (Cable)	black (9005)

Cable/line

Cable length	9 m
Stripping length of the sheath	140 mm ±10 mm
Stripping length	140 mm ±10 mm

Standards and regulations

Connection in accordance with standard

Normative cable length restrictions	NOTE: Cable management may be required.

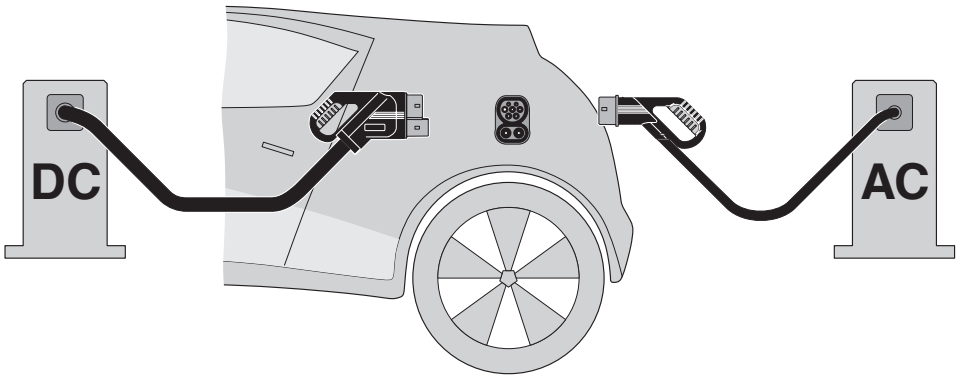
	Cable management is required in the US if the cable length exceeds 7.5 m (IEC 61851-1).

Standards

Standards/regulations	IEC 62196-3

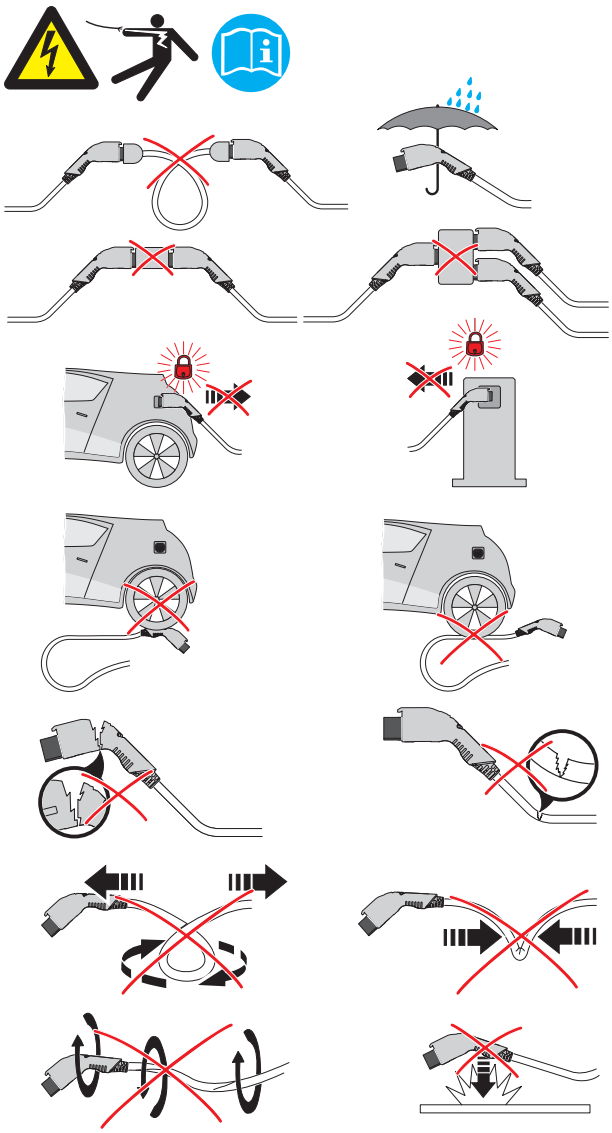
Drawings

Schematic diagram

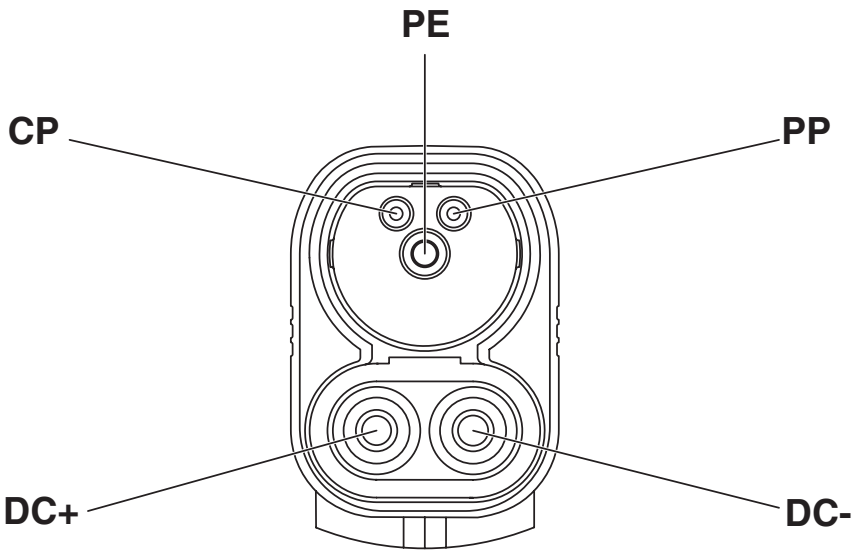


The Combined Charging System (CCS) principle - standard-compliant charging system for electric vehicles, which supports both conventional AC charging and fast DC charging. Both Vehicle Connectors fit into the CCS Vehicle Inlet.

Schematic diagram

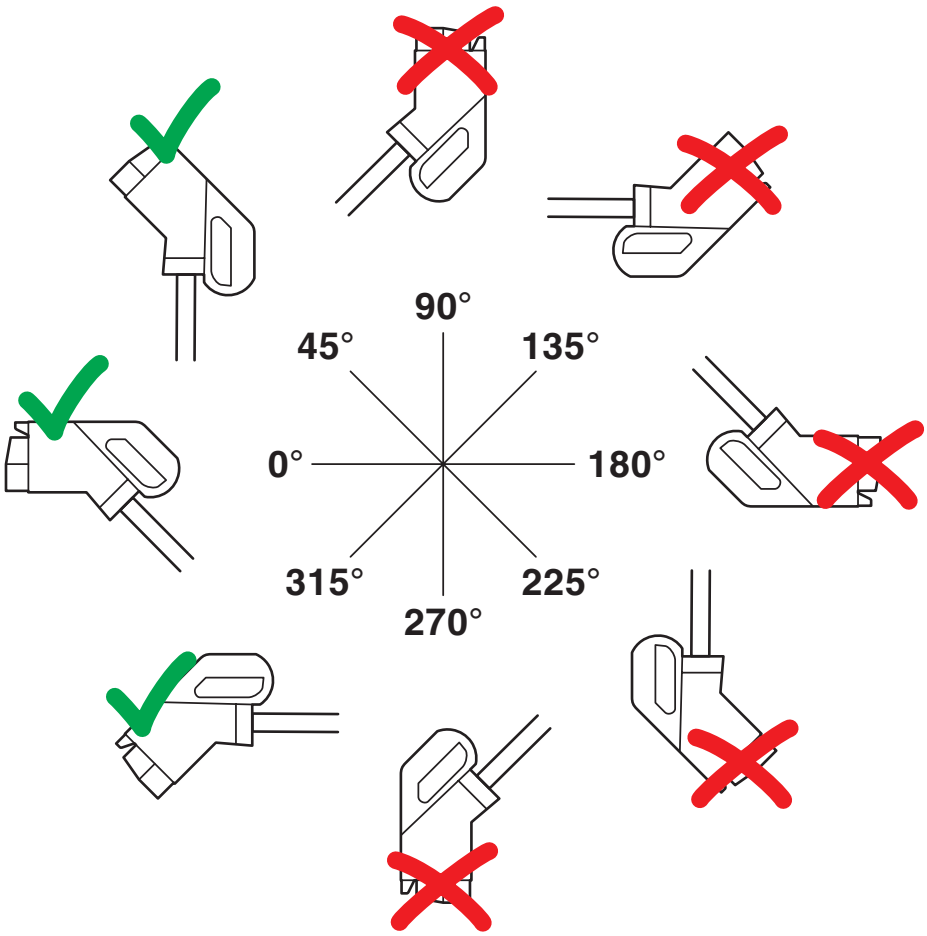


Schematic diagram



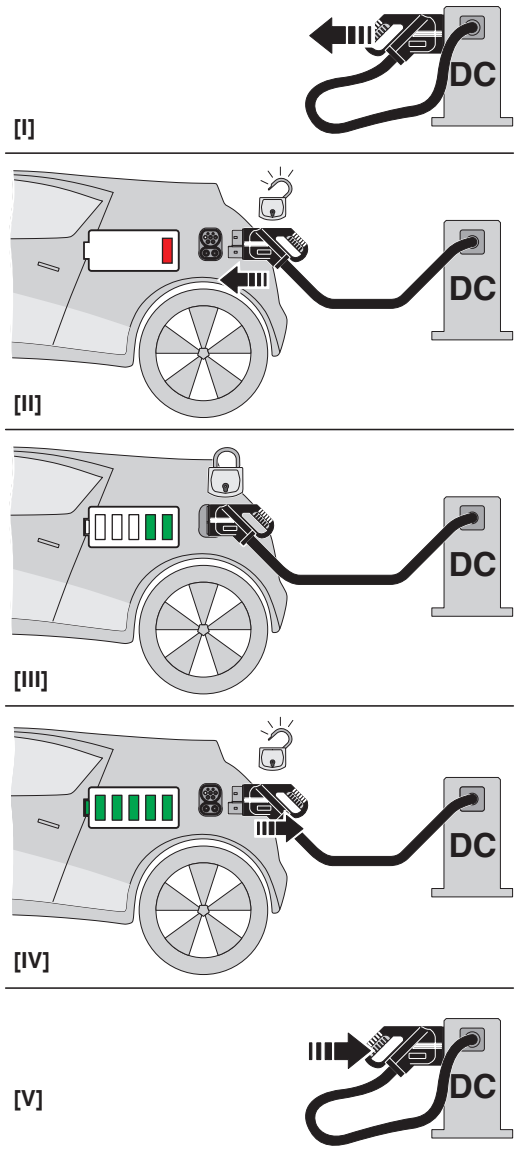
Pin assignment of the Vehicle Connector

Schematic diagram



The resting position must be installed in the charging station such that the user cannot hang up the vehicle connector upside down (90° to 270°). However, positions rotated upward (45°) or downward (315°) are options for a resting position.

Schematic diagram



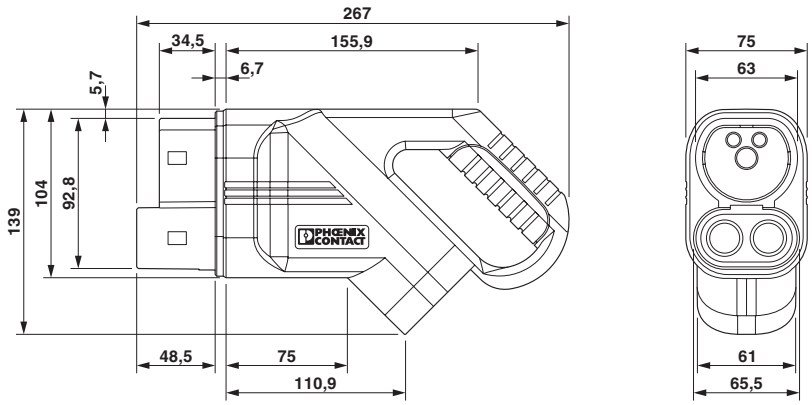
Operating instructions

EV-T2M4CC-DC200A-9,0M70ESBK00 - DC charging cable

1628218

https://www.phoenixcontact.com/lt/products/1628218

Dimensional drawing



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.

Classifications

UNSPSC

UNSPSC 21.0	39121522

Environmental product compliance

China RoHS	Environmentally Friendly Use Period = 10;
	For information on hazardous substances, refer to the manufacturer’s declaration available under “Downloads”

Phoenix Contact UAB
Svitrigailos str. 11B
03228 Vilnius
+370 5 2106321
balticinfo@phoenixcontact.com