

1623516

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CHARX connect, Mobile AC charging cable, with vehicle charging connector and infrastructure charging plug, For charging electric vehicles (EV) with alternating current (AC) via GB/T vehicle charging inlets, with protective cap, with locking option for padlock, GB/T, GB/T 20234.2-2015, GB/T 18487.1-2015, housing: black, gray, PHOENIX CONTACT logo, cable: 5 m, black, straight

Product description

Mobile AC charging cable with vehicle connector and infrastructure plug for charging electric vehicles (EV) with alternating current (AC), via a GB/T vehicle charging inlet, compatible with GB/T Infrastructure Socket Outlets 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	1623516
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	EM01
Product key	XWBAEF
Catalog page	Page 31 (C-7-2019)
GTIN	4055626177953
Weight per piece (including packing)	2.717 kg
Weight per piece (excluding packing)	2.657 kg
Customs tariff number	85444290
Country of origin	DE



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Technical data

Product properties

Product type	AC charging cable
Product family	CHARX connect
Application	For charging electric vehicles (EV) with alternating current (AC) via GB/T vehicle charging inlets
	Compatible with GB/T infrastructure charging sockets at charging stations for electromobility (EVSE)
Туре	Mobile AC charging cable
	with vehicle charging connector and infrastructure charging plug
Design	with protective cap
	with locking option for padlock
Affixed logo	PHOENIX CONTACT logo
Charging mode	Mode 3, Case B
Charging standard	GB/T

Electrical properties

Type of charging current	AC single-phase
Charging power	8 kW
Charging current	32 A

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	5 m
Wiring standards/regulations	prEN 50620/DIN EN 50620
Wiring certifications	VDE
Cable weight	max. 305.00 kg/km
Cable type	Class 5
Cable type	straight
Cable structure	3 x 6.0 mm² + 1 x 0.5 mm²
External cable diameter	12.80 mm ±0.4 mm
Outer sheath, material	TPE-U
Cable resistance	\leq 0.0033 Ω /m (based on a power core, at an ambient temperature of 20°C)
Bending radius	min. 96 mm (7.5x diameter)
Cable length	5 m
External cable diameter	12.80 mm ±0.4 mm



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Cable type	Class 5
Wiring certifications	VDE
Wiring standards/regulations	prEN 50620/DIN EN 50620
Cable resistance	\leq 0.0033 Ω /m (based on a power core, at an ambient temperature of 20°C)

Standards and regulations

Standards

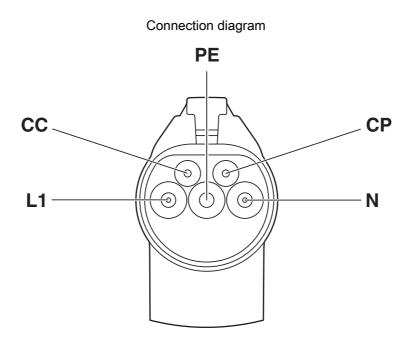
Standards/regulations	GB/T 20234.2-2015
	GB/T 18487.1-2015



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Drawings



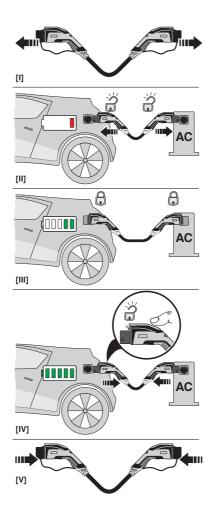
Pin assignment of Infrastructure Plug



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Schematic diagram



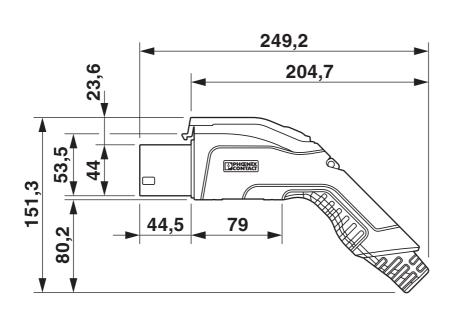
Operating instructions

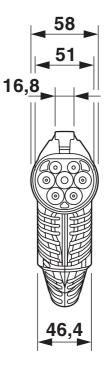


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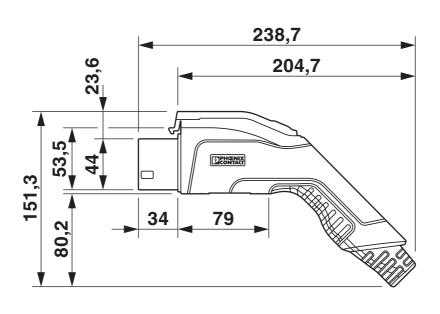
Dimensional drawing

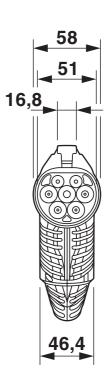




Infrastructure plug

Dimensional drawing



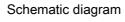


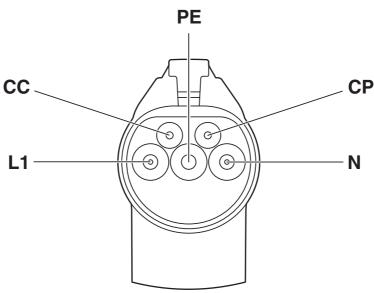
Vehicle connector



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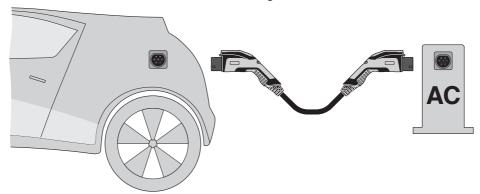
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Pin assignment of the Vehicle Connector

Schematic diagram



Terminology definition



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Classifications

UNSPSC 21.0

ECLASS		
	ECLASS-11.0	27144705
ET	IM	
	ETIM 8.0	EC002897
UN	ISPSC	

39121500



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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%



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Accessories

EV-GBAC-PARK - Charging connector holder

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CHARX connect, Charging connector holder, Accessories, for vehicle charging connectors on charging stations (EVSE), GB/T, GB/T 20234.2, Front mounting, housing: black

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