

EV-TBG3JC-1AC32A-5,0M6,0ESBK01 - AC charging cable



1627688

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CHARX connect, Type 2, GB/T, Mobile AC charging cable, with vehicle charging connector and infrastructure charging plug, cable: 5 m, black, straight, with protective cap, with locking option for padlock, housing: black, gray, PHOENIX CONTACT logo, IEC 62196-2, GB/T 20234.2-2015, for charging electric vehicles (EV) with alternating current (AC) via type 2 vehicle charging inlets



Product description

Mobile AC charging cable with vehicle charging connector and infrastructure charging plug for charging electric vehicles (EV) with alternating current (AC) via type 2 vehicle charging inlets, compatible with GB/T infrastructure charging sockets 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	1627688
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	XWBAEH
GTIN	4055626357454
Weight per piece (including packing)	2,573 g
Weight per piece (excluding packing)	2,573 g
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 type 2 vehicle charging inlets
	Compatible with GB/T infrastructure charging sockets at charging stations for electromobility (EVSE)
Design	with protective cap
	with locking option for padlock
Charging standard	Type 2
	GB/T
Charging mode	Mode 3, Case B
Affixed logo	PHOENIX CONTACT logo

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

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 mm ² + 1 x 0.5 mm ²
External cable diameter	12.80 mm ±0.4 mm
Outer sheath, material	TPE-U
Stripping length of the sheath	60 mm ±15 mm
Stripping length	60 mm ±15 mm
Cable resistance	≤ 0.0033 Ω/m (based on a power core, at an ambient temperature of 20°C)

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Bending radius	min. 96 mm (7.5x diameter)
Cable length	5 m
Stripping length	60 mm \pm 15 mm
External cable diameter	12.80 mm \pm 0.4 mm
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	IEC 62196-2
	GB/T 20234.2-2015

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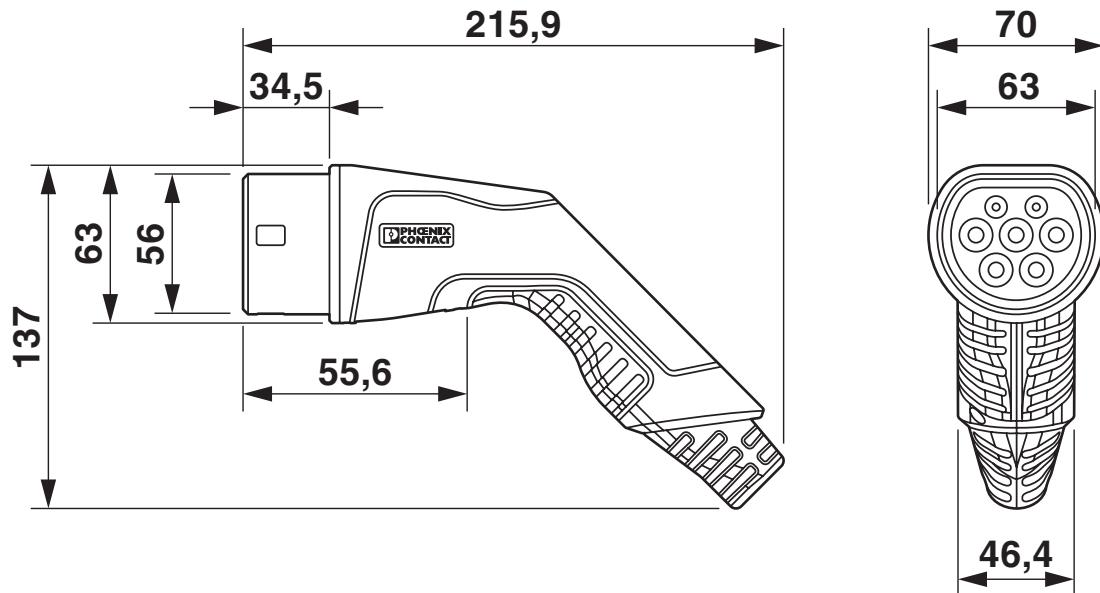


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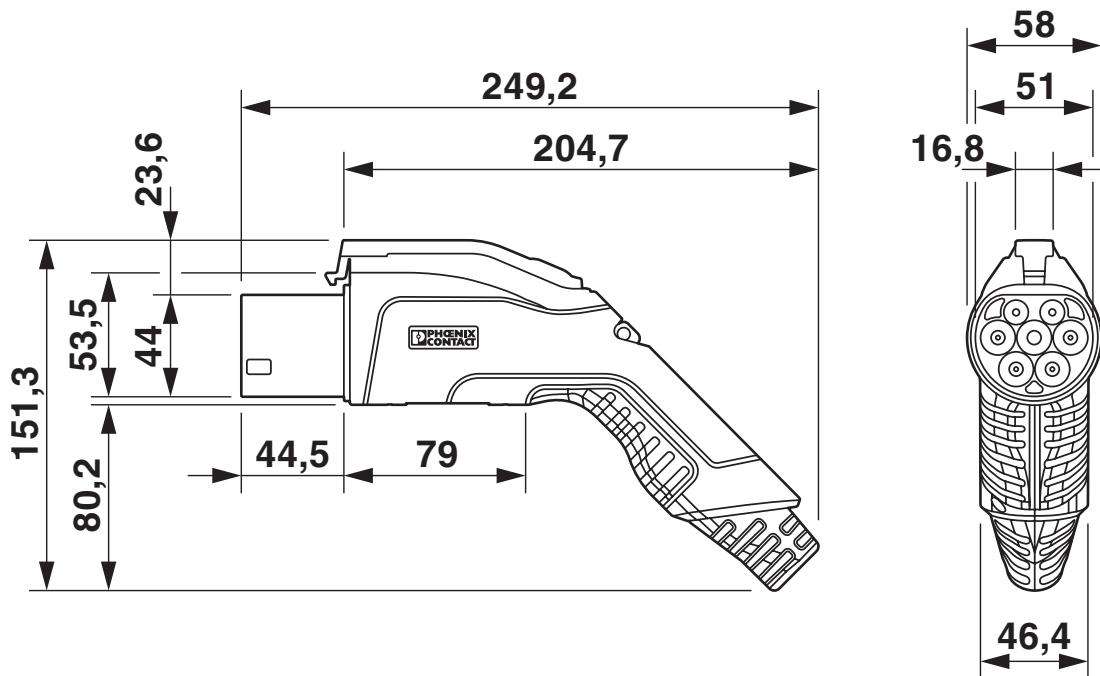
Drawings

Dimensional drawing



Vehicle connector

Dimensional drawing



Infrastructure plug

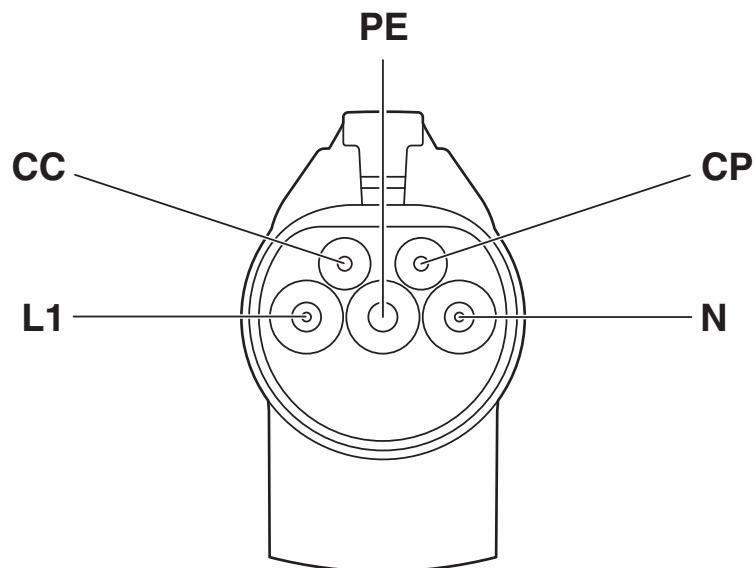
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Connection diagram



Pin assignment of Infrastructure Plug

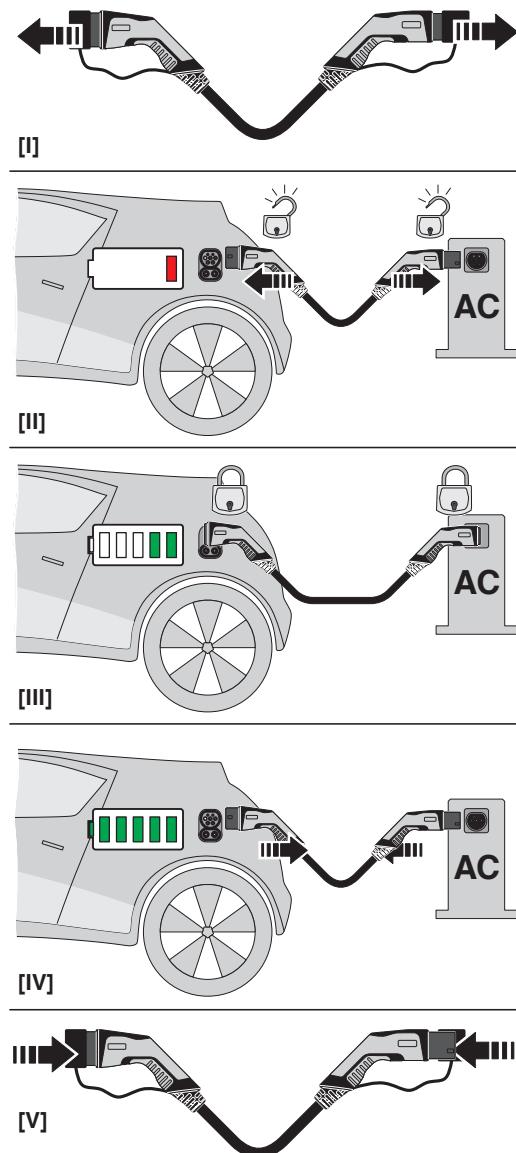
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Schematic diagram



Operating instructions

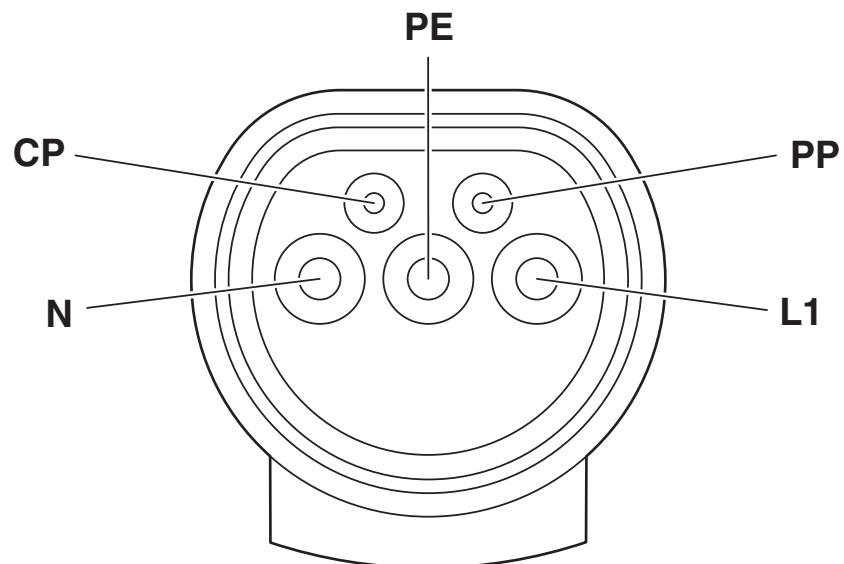
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Schematic diagram



Pin assignment of the Vehicle Connector

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Classifications

ETIM

ETIM 8.0

EC002897

UNSPSC

UNSPSC 21.0

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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