EV-T1G2C-1AC15A-4,0M14ASBK01 - AC charging cable

1627334

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CHARX connect comfort, Type 1, AC charging cable, with vehicle charging connector and open cable end, cable: 4 m, black, straight, with protective cap, housing: black, gray, PHOENIX CONTACT logo, SAE J1772, for charging electric vehicles (EV) with alternating current (AC) via type 1 vehicle charging inlets

Product description

AC charging cable with vehicle charging connector and free cable end for charging electric vehicles (EV) with alternating current (AC) via type 1 vehicle charging inlets, for installation 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
- Laser-marked mating face in accordance with DIN EN 17186

Commercial data

Item number	1627334
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	EM01
Product key	XWBDAA
GTIN	4055626322230
Weight per piece (including packing)	1,218 g
Weight per piece (excluding packing)	1,170 g
Customs tariff number	85444290
Country of origin	PL

Technical data

Product properties

Product type	AC charging cable
Product family	CHARX connect comfort
Type	AC charging cable
	with vehicle charging connector and open cable end
Design	with protective cap
Charging standard	Type 1
Charging mode	AC level 2
Affixed logo	PHOENIX CONTACT logo

Electrical properties

Charging power and current (AC charging, 1-phase)

Type of charging current	AC single-phase
Charging current	15 A AC (1-phase)
Charging power	3.75 kW (1-phase)
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	4 m
Wiring standards/regulations	UL 62
	FFSO7.E343212
Cable weight	max. 155.00 kg/km
Cable type	straight
Cable structure	3 x 14 AWG + 1 x 20 AWG
External cable diameter	10.50 mm ±0.3 mm
Outer sheath, material	TPE
Stripping length of the sheath	70 mm ±5 mm
Stripping length	70 mm ±5 mm
Cable resistance	≤ 0.00888 Ω/m (based on a power core, at an ambient temperature of 20°C)
Bending radius	min. 157.5 mm (15x diameter)
Cable length	4 m
Stripping length	70 mm ±5 mm
External cable diameter	10.50 mm ±0.3 mm

Wiring standards/regulations	UL 62
	FFSO7.E343212
Cable resistance	≤ 0.00888 Ω/m (based on a power core, at an ambient temperature of 20°C)

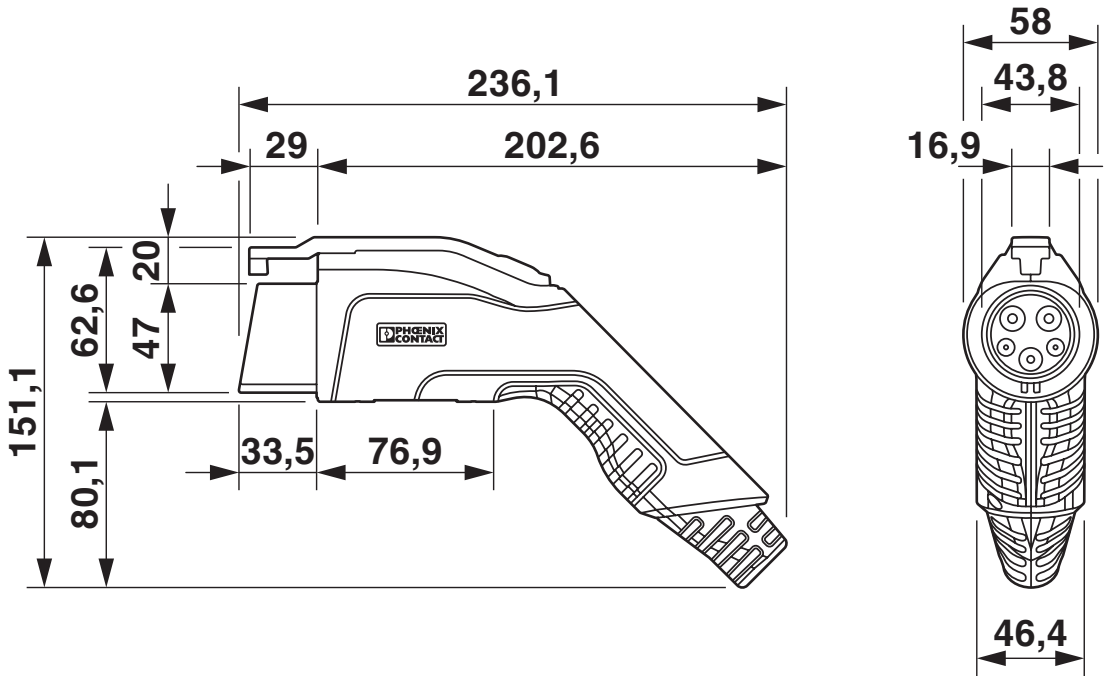
Standards and regulations

Standards

Standards/regulations	SAE J1772

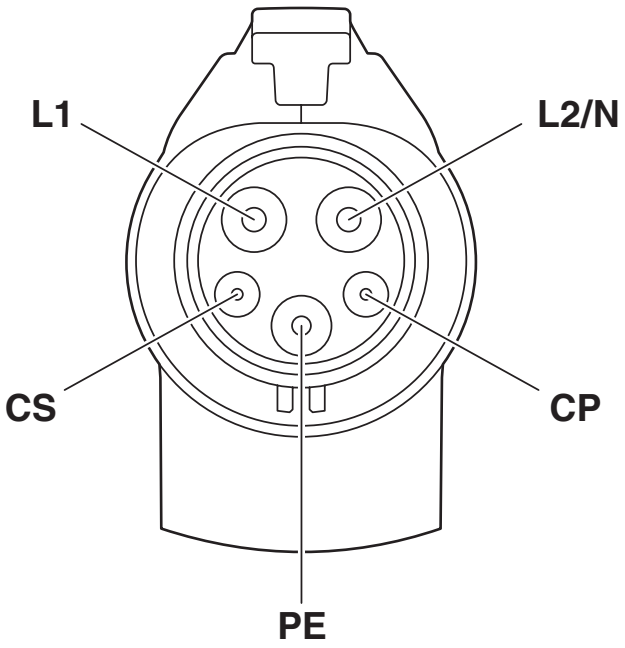
Drawings

Dimensional drawing



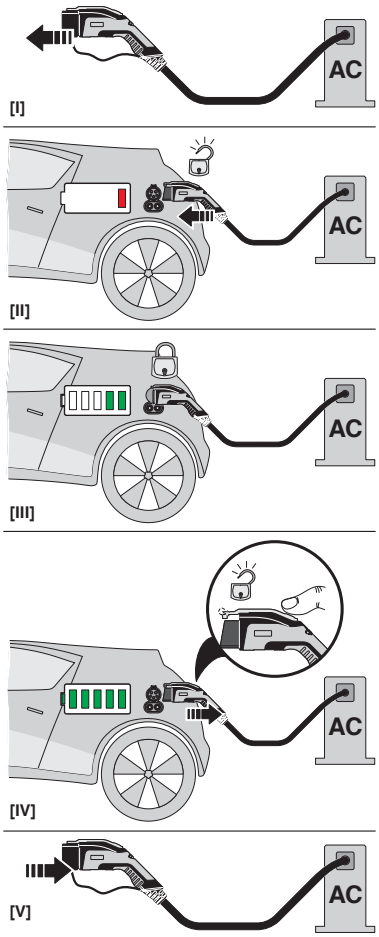
Make sure that the vehicle charging connector is placed in an appropriate charging connector holder, which ensures a minimum protection rating of IP24 in accordance with IEC 61851-1, for the entire time between charging. To create this charging connector holder, use the dimensions of the vehicle charging connector. Detailed dimensions can also be found in the Download area.

Connection diagram



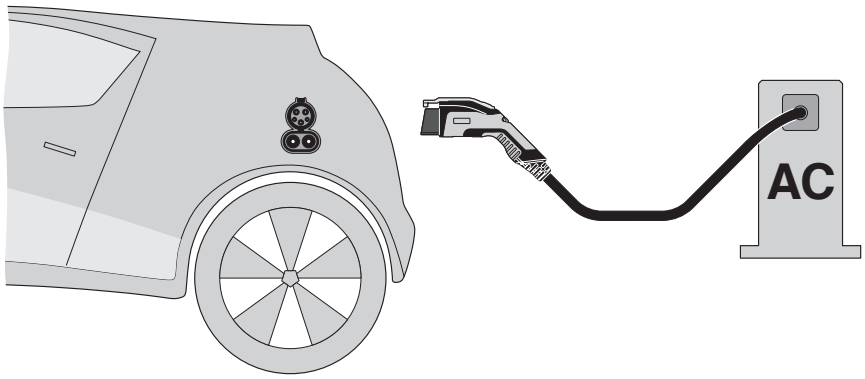
Pin assignment of the Vehicle Connector

Schematic diagram



Operating instructions

Schematic diagram



Terminology definition

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1627334

cULus Recognized
Approval ID: E473195-20160303

	Nominal voltage U_N	Nominal current I_N	Cross section AWG	Cross section mm^2
keine				
	250 V	15 A	- 14	-

Classifications

ECLASS

ECLASS-15.0	27144705
ECLASS-13.0	27144705

ETIM

ETIM 10.0	EC002897

UNSPSC

UNSPSC 21.0	39121500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	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.)	Lead(CAS: 7439-92-1)
SCIP	cac56e15-bd79-47d7-b5de-992f92d60284

EF3.1 Climate Change

CO2e kg	27.98 kg CO2e

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