

EV-T1G2C-1AC15A-5,0M14ASBK01 - AC charging cable



1628014

<https://www.phoenixcontact.com/us/products/1628014>

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CHARX connect, Type 1, AC charging cable, with vehicle charging connector and open cable end, cable: 5 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 | 1628014 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Note | Made to order (non-returnable) |
| Sales key | EM01 |
| Product key | XWBAAA |
| GTIN | 4055626377308 |
| Weight per piece (including packing) | 1,373 g |
| Weight per piece (excluding packing) | 1,302 g |
| Customs tariff number | 85444290 |
| Country of origin | PL |

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Technical data

Product properties

| | |
|-------------------|---|
| Product type | AC charging cable |
| Product family | CHARX connect |
| 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

| | |
|--------------------------|-----------------|
| Type of charging current | AC single-phase |
| Charging current | 15 A |
| Charging power | 3.75 kW |

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 | 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 | 5 m |
| Stripping length | 70 mm ±5 mm |
| External cable diameter | 10.50 mm ±0.3 mm |
| Wiring standards/regulations | UL 62 |

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| | |
|------------------|---|
| | FFSO7.E343212 |
| Cable resistance | $\leq 0.00888 \Omega/\text{m}$ (based on a power core, at an ambient temperature of 20°C) |

Standards and regulations

Standards

| | |
|-----------------------|-----------|
| Standards/regulations | SAE J1772 |
|-----------------------|-----------|

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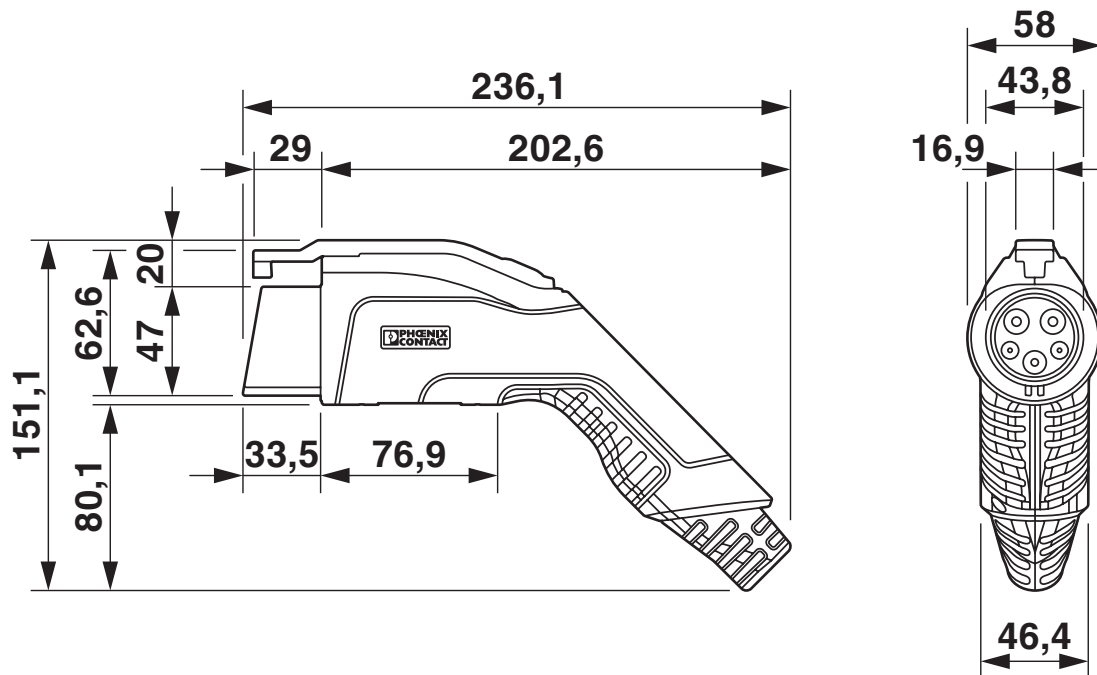


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Drawings

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

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Schematic diagram



Operating instructions

Schematic diagram



Terminology definition

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Classifications

UNSPSC

| | |
|-------------|----------|
| UNSPSC 21.0 | 39121500 |
|-------------|----------|

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Environmental product compliance

EU RoHS

| | |
|---|------|
| Fulfills EU RoHS substance requirements | Yes |
| Exemption | 6(c) |

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.) | Lead(CAS: 7439-92-1) |
|-------------------------------------|----------------------|

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com