# AC charging cable - EV-T2G3PC-3AC32A-4,0M6,0ESBK01 - 1623509

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Mobile AC charging cable with vehicle connector and infrastructure plug, with protective cap, Type 2, IEC 62196-2, 32 A / 480 V (AC), Design line C-Line, Cable: 4 m, black, straight, Mating face: black, Handle area: gray

## Product Description

Mobile AC charging cable with Vehicle Connector and Infrastructure plug for charging electric vehicles (EV) with alternating current (AC), via type 2 Vehicle Inlets, compatible with type 2 Infrastructure Socket Outlets at charging stations for E-Mobility (EVSE)

RoHS

## Key Commercial Data

| | |
|---|---|
| Packing unit | 1 |
| GTIN | 4 055626 177908 |
| GTIN | 4055626177908 |
| Custom tariff number | 85444290 |

## Technical data

### Product definition

| | |
|---|---|
| Product type | Mobile AC charging cable with vehicle connector and infrastructure plug, with protective cap |
| Type | C-Line |
| Standards/regulations | IEC 62196-2 |
| Charging standard | Type 2 |
| Charging mode | Mode 3, Case B |
| Type of charging current | AC 3-phase |

### Dimensions

| | |
|---|---|
| Vehicle connector width | 70.00 mm |
| Vehicle connector height | 137.00 mm |

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## Technical data

### Dimensions

| | |
|---|---|
| Vehicle connector depth | 215.90 mm |
| Infrastructure plug width | 58.00 mm |
| Infrastructure plug height | 131.80 mm |
| Infrastructure plug depth | 233.40 mm |
| Conductor length | 4 m |

### Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -30 °C ... 50 °C |
| Ambient temperature (storage/transport) | -40 °C ... 80 °C |
| Max. altitude | 5000 m (above sea level) |
| Degree of protection | IP44 (plugged in) |
| | IP54 (Protective cap) |

### Electrical properties

| | |
|---|---|
| Maximum charging power | 26.6 kW |
| Number of phases | 3 |
| Number of power contacts | 5 (L1, L2, L3, N, PE) |
| Rated current of power contacts | 32 A |
| Rated voltage for power contacts | 480 V AC |
| Number of signal contacts | 2 (CP, PP) |
| Rated current for signal contacts | 2 A |
| Rated voltage for signal contacts | 30 V AC |
| Type of signal transmission | Pulse width modulation |
| Resistor coding | 220 Ω (between PE and PP) |

### Mechanical properties

| | |
|---|---|
| Insertion/withdrawal cycles | > 10000 |
| Insertion force | < 100 N |
| Withdrawal force | < 100 N |

### Design

| | |
|---|---|
| Design line | C-Line |
| Housing color | black |
| Pin connector pattern color | black |
| Color handle area | gray |
| Color protective cap | black |
| Customer variations | On request |

### Material

| | |
|---|---|
| Housing material | Plastic |

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## Technical data

### Material

| | |
|---|---|
| Material connection profile | Plastic |
| Material handle area | Soft plastic |
| Material protective cap | Soft plastic |
| Material surface of contacts | Ag |

### Cable

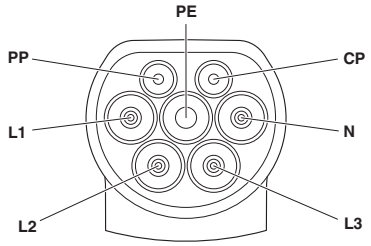
| | |
|---|---|
| Cable structure | 5 x 6.0 mm² + 1 x 0.5 mm² (prEN 50620, VDE Reg. 8789 class 5) |
| External cable diameter | 17 mm ±0.4 mm |
| Type of conductor | straight |
| Outer sheath, material | TPE-U |
| External sheath, color | black |
| Minimum bending radius | 255 mm (15 x diameter) |

### Environmental Product Compliance

| | |
|---|---|
| China RoHS | Environmentally Friendly Use Period = 10; |
| | For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration” |

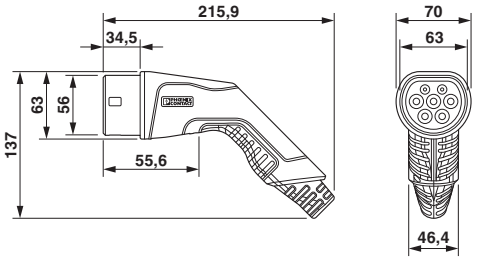
## Drawings

Connection diagram




Pin assignment of Infrastructure Plug

Dimensional drawing




Dimensional drawing of Vehicle Connector

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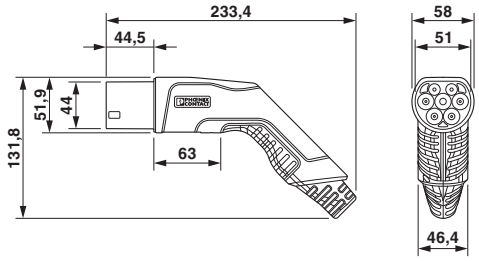
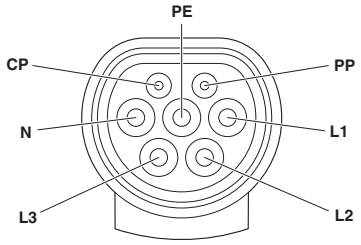
Dimensional drawing




Dimensional drawing of the Infrastructure Plug

Schematic diagram




Pin assignment of the Vehicle Connector

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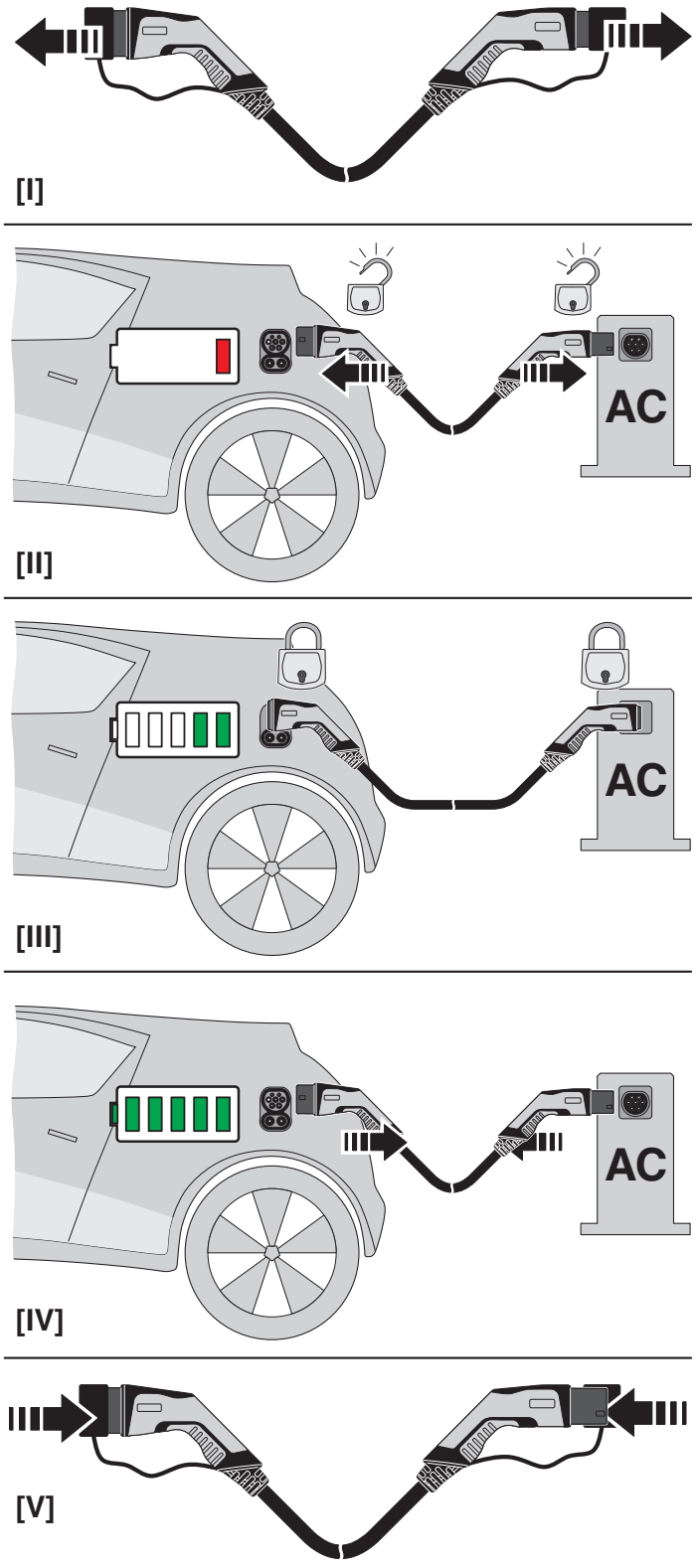
Schematic diagram



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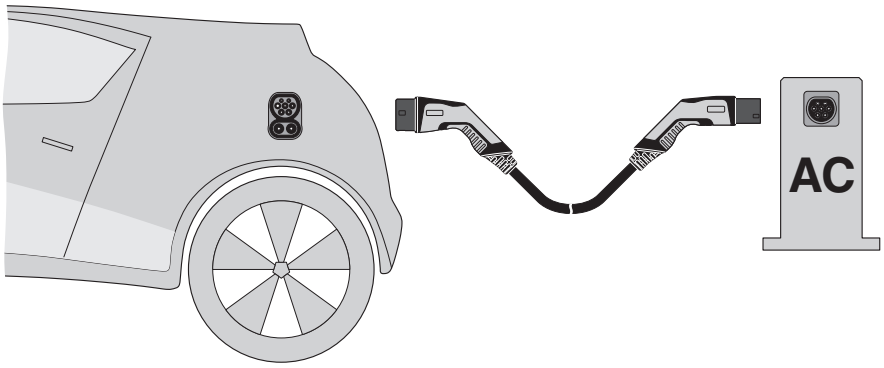
Schematic diagram




Terminology definition

## Classifications

### eCl@ss

| | |
|---|---|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27059290 |
| eCl@ss 6.0 | 27279220 |
| eCl@ss 7.0 | 27440103 |
| eCl@ss 8.0 | 27059290 |
| eCl@ss 9.0 | 27144705 |

### ETIM

| | |
|---|---|
| ETIM 3.0 | EC002061 |
| ETIM 4.0 | EC002061 |
| ETIM 5.0 | EC002839 |
| ETIM 6.0 | EC002839 |

### UNSPSC

| | |
|---|---|
| UNSPSC 6.01 | 30211923 |
| UNSPSC 7.0901 | 39121522 |
| UNSPSC 11 | 39121522 |
| UNSPSC 12.01 | 39121522 |
| UNSPSC 13.2 | 39121522 |

## Accessories

### Accessories

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## Accessories

### Infrastructure socket outlet

Socket Outlet - EV-T2M3SE12-3AC32A-0,7M6,0E10 - 1405214

Infrastructure Socket Outlet for charging electric vehicles with alternating current (AC), compatible with Infrastructure Plugs, Type 2, IEC 62196-2, 32 A / 480 V (AC), 12 V Locking actuator, Single wires, Length: 0.7 m, Screw connection of a hinged cover: Only rear mounting possible

Socket Outlet - EV-T2M3SE24-3AC32A-0,7M6,0E10 - 1405216

Infrastructure Socket Outlet for charging electric vehicles with alternating current (AC), compatible with Infrastructure Plugs, Type 2, IEC 62196-2, 32 A / 480 V (AC), 24 V Locking actuator, Single wires, Length: 0.7 m, Screw connection of a hinged cover: Only rear mounting possible

### Mounting material

Holder - EV-T2AC-PARK - 1624148

Retainer for Vehicle Connector as parking position at charging stations (EVSE), Type 2, IEC 62196-2