

EV-T2M3SOW-3AC32A-0,7M6,0E - Cable set for infrastructure charging socket



1164365

<https://www.phoenixcontact.com/us/products/1164365>

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CHARX connect modular, Cable set for infrastructure charging socket, Accessories, with slip-on sleeve at one end, Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact, Type 2, IEC 62196-2, 32 A / 480 V (AC), Single wires, length: 0.7 m, Plug-in mounting

Product description

Cables with slip-on sleeves on one end for connection to infrastructure charging sockets, for charging electric vehicles (EV) with alternating current (AC), for installation in charging stations for electromobility (EVSE)

Your advantages

- Protected against overheating with precise temperature measurement
- Flexible mounting and easy maintenance with plug-in cables
- Available with your logo on request – for consistent branding of your charging station
- Waterproof and dirtproof due to fully molded contacts
- Developed and produced in accordance with the IATF 16949 automotive standard and ISO 9001
- Uniform, space-saving installation space

Commercial data

| | |
|--------------------------------------|---------------|
| Item number | 1164365 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | EM01 |
| Product key | XWBAFC |
| GTIN | 4063151176068 |
| Weight per piece (including packing) | 250 g |
| Weight per piece (excluding packing) | 236 g |
| Customs tariff number | 85444290 |
| Country of origin | DE |

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Technical data

Product properties

| | |
|-------------------|--|
| Product type | Cable set for infrastructure charging socket |
| Product family | CHARX connect modular |
| Application | Only for connection to generation 2 infrastructure charging sockets from Phoenix Contact |
| Type | Accessories |
| Design | with slip-on sleeve at one end |
| Charging standard | Type 2 |
| Charging mode | Mode 3, Case B |

Electrical properties

| | |
|-------------------------------|-------------------------------|
| Note on the connection method | Plug-in connection, separable |
| Type of charging current | AC 3-phase |
| Charging power rating | 22 kW |
| Charging power | 26.6 kW |
| Charging current | 32 A |

Power contact

| | |
|---------------|-----------------------|
| Number | 5 (L1, L2, L3, N, PE) |
| Rated voltage | 480 V AC |
| Rated current | 32 A AC |

Signal contact

| | |
|---------------|------------|
| Number | 2 (CP, PP) |
| Rated voltage | 30 V AC |
| Rated current | 2 A |

Material specifications

| | |
|----------------------------|--------|
| Material (Contact surface) | Silver |
|----------------------------|--------|

Cable/line

| | |
|-----------------|---|
| Cable length | 0.7 m |
| Cable type | Single wires |
| Cable structure | 5 x 6.0 mm ² + 2 x 0.5 mm ² |

Single-core wires for AC

| | |
|-----------------|-------------------------|
| Cable length | 0.7 m |
| Cable structure | 5 x 6.0 mm ² |

Single-core wires for communication

| | |
|-----------------|-------------------------|
| Cable length | 0.7 m |
| Cable structure | 2 x 0.5 mm ² |

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Mechanical properties

Mechanical data

| | |
|-----------------------------|-----|
| Insertion/withdrawal cycles | < 3 |
|-----------------------------|-----|

Environmental and real-life conditions

Ambient conditions

| | |
|---|--------------------------|
| Ambient temperature (operation) | -30 °C ... 50 °C |
| Ambient temperature (storage/transport) | -40 °C ... 80 °C |
| Altitude | 5000 m (above sea level) |

Standards and regulations

Standards

| | |
|-----------------------|-------------|
| Standards/regulations | IEC 62196-2 |
|-----------------------|-------------|

Mounting

| | |
|-------------------------|------------------|
| Mounting type Cable set | Plug-in mounting |
|-------------------------|------------------|

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Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-11.0 | 27144792 |
| ECLASS-12.0 | 27144792 |
| ECLASS-13.0 | 27144792 |

ETIM

| | |
|----------|----------|
| ETIM 8.0 | EC002884 |
|----------|----------|

UNSPSC

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

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Environmental product compliance

| | |
|------------|--|
| China RoHS | Environmentally Friendly Use Period = 10; |
| | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

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