

# EV-T2M3SOW-3AC20A-0,7M2,5E - Cable set for infrastructure charging socket



1164361

<https://www.phoenixcontact.com/in/products/1164361>

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CHARX connect modular, Type 2, Cable set for infrastructure charging socket, 20 A , 480 V AC, Accessories, Single wires, length: 0.7 m, Plug-in mounting, with slip-on sleeve at one end, Only for connection to second-generation infrastructure charging sockets from Phoenix Contact, IEC 62196-2

## 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                          | 1164361       |
| Packing unit                         | 1 pc          |
| Minimum order quantity               | 1 pc          |
| Sales key                            | *****         |
| Product key                          | XWBAFC        |
| GTIN                                 | 4063151177348 |
| Weight per piece (including packing) | 120 g         |
| Weight per piece (excluding packing) | 120 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 second-generation 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         | 11 kW (20 A, 3-phase)         |
| Charging power                | 16.63 kW (3-phase)            |
| Charging current              | 20 A AC (3-phase)             |

### Power contact

|               |                       |
|---------------|-----------------------|
| Number        | 5 (L1, L2, L3, N, PE) |
| Rated voltage | 480 V AC              |
| Rated current | 20 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 2.5 mm <sup>2</sup> + 2 x 0.5 mm <sup>2</sup> |

### Single-core wires for AC

|                 |                         |
|-----------------|-------------------------|
| Cable length    | 0.7 m                   |
| Cable structure | 5 x 2.5 mm <sup>2</sup> |

### Single-core wires for communication

|                 |                         |
|-----------------|-------------------------|
| Cable length    | 0.7 m                   |
| Cable structure | 2 x 0.5 mm <sup>2</sup> |

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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 9.0 | EC002884 |
|----------|----------|

### UNSPSC

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

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## Environmental product compliance

### EU RoHS

|                                         |                    |
|-----------------------------------------|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|-----------------------------------------|--------------------|

### 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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PHOENIX CONTACT (I) Pvt. Ltd.  
A-58/2, Okhla Industrial Area, Phase - II, New Delhi-110 020

+91.1275.71420  
[info@phoenixcontact.co.in](mailto:info@phoenixcontact.co.in)