

# EV-T2M3SOW-1AC32A-0,3M6,0E - Cable set for infrastructure charging socket



1164343

<https://www.phoenixcontact.com/us/products/1164343>

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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 / 250 V (AC), Single wires, length: 0.3 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	1164343
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	EM01
Product key	XWBAFC
GTIN	4063151177744
Weight per piece (including packing)	65 g
Weight per piece (excluding packing)	65 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 single-phase
Charging power rating	7.4 kW
Charging power	8 kW
Charging current	32 A

### Power contact

Number	3 (L1, N, PE)
Rated voltage	250 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
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### Cable/line

Cable length	0.3 m
Cable type	Single wires
Cable structure	3 x 6.0 mm <sup>2</sup> + 2 x 0.5 mm <sup>2</sup>

### Single-core wires for AC

Cable length	0.3 m
Cable structure	3 x 6 mm <sup>2</sup>

### Single-core wires for communication

Cable length	0.3 m
Cable structure	2 x 0.5 mm <sup>2</sup>

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## Mechanical properties

### Mechanical data

Insertion/withdrawal cycles	< 3
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## 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
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## 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
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### 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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