

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



1164361

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

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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, 20 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	1164361
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	EM01
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

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



1164361

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

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	11 kW
Charging power	16.63 kW
Charging current	20 A

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 ² + 2 x 0.5 mm ²

Single-core wires for AC

Cable length	0.7 m
Cable structure	5 x 2.5 mm ²

Single-core wires for communication

Cable length	0.7 m
Cable structure	2 x 0.5 mm ²

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



1164361

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

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
-------------------------	------------------

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



1164361

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

Classifications

ECLASS

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

ETIM

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

UNSPSC

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

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



1164361

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

Environmental product compliance

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

Phoenix Contact 2023 © - all rights reserved
<https://www.phoenixcontact.com>

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