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

1164361

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CHARX connect modular, Type 2, Cable set for infrastructure charging socket, 20 A , 480 V AC, Gen 2, 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	EM01
Product key	XWBFLB
GTIN	4063151177348
Weight per piece (including packing)	120 g
Weight per piece (excluding packing)	120 g
Customs tariff number	85444290
Country of origin	PL

Technical data

Product properties

Product type	Cable set for infrastructure charging socket
Product family	CHARX connect modular
Type	Gen 2
	Accessories
Design	with slip-on sleeve at one end
Compatibility	compatible with the CHARX connect modular Gen 2 product portfolio
Charging standard	Type 2
Charging mode	Mode 3, Case B

Electrical properties

Charging power and current (AC charging, 3-phase)

Type of charging current	AC 3-phase
Charging current	20 A AC (3-phase)
Charging power	16.63 kW (3-phase)
Charging power rating	11 kW (20 A, 3-phase)
Operating voltage	typ. 400 V AC

Pin assignment (Power contacts)

Note on the connection method	Plug-in connection, separable
Number	5 (L1, L2, L3, N, PE)
Rated voltage	480 V AC
Rated current	20 A AC

Pin assignment (Signal contacts)

Note on the connection method	Plug-in connection, separable
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 mm² + 2 x 0.5 mm²

Single-core wires for AC

Cable length	0.7 m

Cable structure	5 x 2.5 mm²

Single-core wires for communication

Cable length	0.7 m
Cable structure	2 x 0.5 mm²

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/specifications	IEC 62196-2
Note	Compliant with AFIR - EU 2025/656

Mounting

Mounting type Cable set	Plug-in mounting

Classifications

ECLASS

ECLASS-15.0	27144792
ECLASS-13.0	27144792

ETIM

ETIM 10.0	EC002884

UNSPSC

UNSPSC 21.0	39121500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Not applicable, No electrical and electronic equipment (EEE), cannot be used in EEE

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

EF3.1 Climate Change

CO2e kg	17.24 kg CO2e

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