PHŒNIX CONTACT

Charging controller - EV-CC-AC1-M3-CC-SER-PCB - 1622460

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The EV-CC-AC1-M3-CBC-SER-PCB charging controller as PCB is used for charging electric vehicles at 3-phase AC networks according to IEC 61851-1, Mode 3. Optimized for charging stations with permanently mounted Vehicle Connector. All charging functions and comprehensive configuration settings are already integrated.

Key Commercial Data

Packing unit	1 pc
GTIN	4 055626 039763
Weight per Piece (excluding packing)	105.0 g
Custom tariff number	85371099
Country of origin	Germany

Technical data

Dimensions

Width	120 mm
Height	108 mm
Depth	20 mm

General data

Supply voltage range	100 V AC ... 240 V AC (nominal voltage range)
Frequency range	50 Hz ... 60 Hz
Power consumption	< 1 W (No-load)
Degree of protection	IP00
Ambient temperature (operation)	-35 °C ... 70 °C (Operation)

Input data

Description of the input	Digital input
Nominal input voltage U_N	12 V
Nominal current I_N	$\leq$ 1 mA (12 V)
Input voltage range	0 V ... 3 V (Off)
	9 V ... 15 V (On)

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Switching outputs

Charging contactor output	Relay output
Minimum switching capacity	1500 VA
Maximum switching voltage	250 V AC (External supply)
Max. switching current	6 A (External supply)

Digital outputs

Number of outputs	4
Connection method	Screw connection
Output current	0.5 A (Total current for all outputs; internally supplied)
	0.6 A (Per output; externally supplied)
Minimum switching voltage	5 V
Maximum switching voltage	30 V

RS-485 interface

Designation	RS-485 interface, 2-wire + GND
Connection method	Screw connection
File format/coding	8, N, 1
Protocols supported	Modbus/RTU (Slave)
Transmission speed	9.6 kbps (Standard)
Transmission speed range	9.6 kbps ... 19.2 kbps (adjustable)

Classifications

eCl@ss

eCl@ss 5.1	27371810
eCl@ss 6.0	27371810

ETIM

ETIM 5.0	EC002839