EV-RCM-6DC-WAT - Differential current monitoring

1309697

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CHARX control modular, the residual current monitoring module is used for AC and DC residual current detection in AC charging points. The higher-level safety equipment (e.g., residual current device) is protected against potential DC residual currents.

Commercial data

Item number	1309697
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	EM01
Product key	XWBRYA
GTIN	4063151560669
Weight per piece (including packing)	67.5 g
Weight per piece (excluding packing)	67.5 g
Customs tariff number	85437090
Country of origin	PL

Technical data

Product properties

Product type	Residual current monitoring module
Product family	CHARX control modular
Type	1-channel
Charging standard	Type 2
Charging mode	Mode 3
Number of charging points	1

Electrical properties

Type of charging current	AC

Measuring range: Residual current

Residual current $I_{\Delta n}$	30 mA (AC)
	6 mA (DC)
Rated current I_n	100 A (1-phase)
	40 A (3-phase)

Supply

Supply voltage range	10.8 V DC ... 13.2 V DC (nominal voltage range)
Nominal power consumption	min. 60 mW
Frequency range	50 Hz ... 60 Hz

Connection data

Conductor connection

Conductor cross-section AWG	26

Interfaces

Number of interfaces	2 (Error/Test)

Dimensions

RCM

Width	60.7 mm
Height	33.6 mm
Depth	32.5 mm

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 85 °C

Standards and regulations

Standards

Standards/regulations	IEC 62955

Mounting

Mounting position	any

Classifications

ECLASS

ECLASS-13.0	27144703
ECLASS-15.0	27144703

ETIM

ETIM 10.0	EC002889

UNSPSC

UNSPSC 21.0	39121800

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

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

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