EV-RCM-6DC-WAT-X10 - Differential current monitoring

1309695

https://www.phoenixcontact.com/us/products/1309695

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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	1309695
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	EM01
Product key	XWBRYA
GTIN	4063151560867
Weight per piece (including packing)	46.4 g
Weight per piece (excluding packing)	46.4 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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