

1309695

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

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 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 | CN |



1309695

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

Technical data

Product properties

| Product type | Residual current monitoring module |
|---------------------------|-----------------------------------------------------------------------------------------------------------|
| Product family | CHARX control modular |
| • | |
| Application | Residual current monitoring module for detecting AC and DC residual voltages in 50/60 Hz AC installations |
| Manufacturer | Western Automation |
| Manufacturer Designation | RCM14-03 |
| Number of charging points | 1 |
| Charging standard | Type 2 |
| Charging mode | Mode 3 |

System properties

Charging controllers

| Number of charging points | 1 | |
|---------------------------|---|--|

Electrical properties

| Type of charging current | AC |
|--------------------------|------------|
| Power consumption | min. 60 mW |
| | |

Measuring current transducer

| Diameter of measuring coil | 14 mm |
|----------------------------|-------|
|----------------------------|-------|

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 | 60 mW |
| Frequency range | 50 Hz 60 Hz |

Connection data

Conductor connection

| Connection method | Pin strip 4-pos. |
|-----------------------------|------------------|
| Conductor cross-section AWG | 26 |

Interfaces

| Number of interfaces | 2 (Error/Test) | |
|----------------------|----------------|--|

Dimensions

| Simeratoria | | | |
|-------------|-------|---------|--|
| | Width | 60.7 mm | |



1309695

Mounting

Mounting position

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

| Height | 33.6 mm | | |
|----------------------------------------|--------------|--|--|
| Depth | 32.50 mm | | |
| Environmental and real-life conditions | | | |
| Ambient conditions | | | |
| Degree of protection | IP20 | | |
| Ambient temperature (operation) | -40 °C 85 °C | | |
| Approvals Conformity/Approvals | | | |
| Conformance | CE-compliant | | |
| Standards and regulations Standards | | | |
| Standards/regulations | IEC 62955 | | |
| | | | |

any



1309695

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

Classifications

UNSPSC 21.0

ECLASS

| | ECLASS-13.0 | 27144703 | |
|------|-------------|----------|--|
| | ECLASS-15.0 | 27144703 | |
| ETIM | | | |
| | ETIM 9.0 | EC002889 | |
| UN | ISPSC | | |

39121800



1309695

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

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% |

Phoenix Contact 2025 @ - 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