



PRODUCT-DETAILS

# RD3P-48

## RD3P-48 Residual Current Monitor



| General Information   |   |
|-----------------------|---|
| Extended Product Type | RD3P-48   |
| Product ID            | 2CSJ203001R0001   |
| EAN                   | 8012542734734   |
| Catalog Description   | RD3P-48 Residual Current Monitor  |
| Long Description      | The RD3 series of electronic residual current relays provides residual current protection and monitoring functions. This device can be used in conjunction with all MCBs of S200 series and Tmax range moulded case devices up to T5, for industrial installations. |

| Technical                                      |  |
|--|--|
| Standards                                      | IEC EN 60947-2 Ann M                   |
| Type of Residual Current                       | Type A                                 |
| Function                                       | For mixed system                       |
| Rated Voltage (U <sub>r</sub> )                | 48...48 V                              |
| Rated Operational Voltage                      | 12 ... 48 V AC/DC                      |
| Rated Control Supply Voltage (U <sub>s</sub> ) | (50 Hz) 48...48 V<br>(50 Hz) 48...48 V |

|                       |  |
|-----------------------|--|
|                       | (60 Hz) 48...48 V  |
|                       | (60 Hz) 48...48 V  |
|                       | (DC) 48...48 V   |
|                       | (DC) 48...48 V   |
| Current Rating        | Response value amperage 1 500 ... 500 mA   |
| Rated Frequency (f)   | 50 ... 60 Hz   |
| Power Loss            | 0.6 W  |
| Number of Contacts    | 2  |
| Number of Contacts CO | 1  |
| Number of Contacts NC | 0  |
| Number of Contacts NO | 0  |
| Delay Time (T)        | Delay-On Energization, Maximum, Permitted 10 second [unit of time]<br>Delay-On Energization, Minimum, Adjustable 0 second [unit of time] |
| Mounting Type         | DIN-Rail   |
| Filter Option         | with frequency filter  |
| Options Provided      | Pre-alarm threshold: 60%   |

Material Compliance

|   |                                   |
|---|-----------------------------------|
| RoHS Information                                  | 9AKK106713A5628                   |
| RoHS Status                                       | Following EU Directive 2011/65/EU |
| RoHS Date   | 20091218                          |
| Conflict Minerals<br>Reporting Template<br>(CMRT) | 9AKK108468A3363                   |

Dimensions

|                               |          |
|-------------------------------|----------|
| Product Net Width             | 52.8 mm  |
| Product Net Height            | 0.085 m  |
| Product Net Depth /<br>Length | 65 mm    |
| Product Net Weight            | 0.223 kg |

Ordering

|                                 |             |
|---------------------------------|-------------|
| Package Level 1 Units           | box 1 piece |
| Package Level 1 Gross<br>Weight | 0.307 kg    |

Certificates and Declarations

|                                   |                 |
|-----------------------------------|-----------------|
| Declaration of<br>Conformity - CE | 9AKK106713A5628 |
|-----------------------------------|-----------------|

Installation

|                             |                 |
|-----------------------------|-----------------|
| Instructions and<br>Manuals | 2CSF423007D1002 |
|-----------------------------|-----------------|

Popular Downloads

|                       |                 |
|-----------------------|-----------------|
| Data Sheet, Technical | 9AKK107046A0424 |
|-----------------------|-----------------|

Information

Classifications

|                            |  |
|----------------------------|--|
| ETIM 8                     | EC001445 - Residual current monitoring relay               |
| ETIM 9                     | EC001445 - Residual current monitoring relay               |
| WEEE Category              | 5. Small Equipment (No External Dimension More Than 50 cm) |
| WEEE B2C / B2B             | Business To Business                                       |
| CN8                        | 85364190   |
| eClass                     | V11.0 : 27371809   |
| Object Classification Code | F  |

Categories

Low Voltage Products and Systems → Modular DIN Rail Products → Residual Current Devices RCDs → Residual Current Monitors, RCMs

