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 PRODUCT-DETAILS

## RD3P-48

### Residual Current Monitor RD3 - Type A




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#### General Information

|                       |                                                                                                                                                                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extended Product Type | RD3P-48                                                                                                                                                                                                                                                             |
| Product ID            | 2CSJ203001R0001                                                                                                                                                                                                                                                     |
| EAN                   | 8012542734734                                                                                                                                                                                                                                                       |
| Catalog Description   | Residual Current Monitor RD3 - Type A                                                                                                                                                                                                                               |
| 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. |

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#### Technical

|                          |                                                                                                                                          |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Type of Residual Current | Type A                                                                                                                                   |
| Function                 | For mixed system                                                                                                                         |
| Current Rating           | Response value amperage 1 500 ... 500 mA                                                                                                 |
| Number of Contacts       | 2                                                                                                                                        |
| Delay Time (T)           | Delay-On Energization, Maximum, Permitted 10 second [unit of time]<br>Delay-On Energization, Minimum, Adjustable 0 second [unit of time] |
| Filter Option            | with frequency filter                                                                                                                    |
| Options Provided         | Pre-alarm threshold: 60%                                                                                                                 |

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**Electrical**

|                                                |                                                                                                                      |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| 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<br>(60 Hz) 48...48 V<br>(60 Hz) 48...48 V<br>(DC) 48...48 V<br>(DC) 48...48 V |
| Rated Frequency (f)                            | 50 ... 60 Hz                                                                                                         |
| Power Loss                                     | 0.6 W                                                                                                                |
| Number of Contacts CO                          | 1                                                                                                                    |
| Number of Contacts NC                          | 0                                                                                                                    |
| Number of Contacts NO                          | 0                                                                                                                    |

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**Material Compliance**

|                                             |                                                                        |
|---------------------------------------------|------------------------------------------------------------------------|
| RoHS Declaration                            | 9AKK106713A5628                                                        |
| RoHS Information                            | Following EU Directive 2011/65/EU and Amendment 2015/863 July 22, 2019 |
| RoHS Date                                   | 20220119                                                               |
| REACH Declaration                           | 9AKK108467A9482                                                        |
| REACH Information                           | False - does not contain substances > 0.1 mass percentage              |
| REACH Date                                  | 20240429                                                               |
| Conflict Minerals Reporting Template (CMRT) | 9AKK108468A3363                                                        |
| WEEE Category                               | 5. Small Equipment (No External Dimension More Than 50 cm)             |
| WEEE B2C / B2B                              | Business To Business                                                   |

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**Dimensions**

|                            |         |
|----------------------------|---------|
| Product Net Width          | 52.8 mm |
| Product Net Height         | 85 mm   |
| Product Net Depth / Length | 65 mm   |
| Product Net Weight         | 223 g   |

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**Ordering**

|                              |             |
|------------------------------|-------------|
| Package Level 1 Units        | box 1 piece |
| Package Level 1 Gross Weight | 0.307 kg    |
| E-Number (Norway)            | 1629775     |

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**Certificates and Declarations**

|                                |                 |
|--------------------------------|-----------------|
| Declaration of Conformity - CE | 9AKK106713A5628 |
|--------------------------------|-----------------|

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### Installation

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|                          |                 |
|--------------------------|-----------------|
| Instructions and Manuals | 2CSF423007D1002 |
| Mounting Type            | DIN-Rail        |

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### Popular Downloads

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

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### External Classifications and Standards

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|                            |                                              |
|----------------------------|----------------------------------------------|
| ETIM 9                     | EC001445 - Residual current monitoring relay |
| ETIM 10                    | EC001445 - Residual current monitoring relay |
| UNSPSC                     | 39121601                                     |
| eClass                     | V11.0 : 27371809                             |
| Object Classification Code | F                                            |
| Standards                  | IEC EN 60947-2 Ann M                         |

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### Categories

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

