

# Product data sheet

Specifications



## Residual current circuit breaker (RCCB), Easy9, 4P, 40A, AC type, 100mA

EZ9R56440

### Main

|   |   |
|---|---|
| Range of product                        | Easy9                                   |
| Product or component type               | Residual current circuit breaker (RCCB) |
| Device short name                       | Easy9 RCCB                              |
| Poles                                   | 4P                                      |
| Neutral position                        | Left                                    |
| [In] rated current                      | 40 A                                    |
| Network type                            | AC                                      |
| Earth-leakage sensitivity               | 100 mA                                  |
| Earth-leakage protection time delay     | Instantaneous                           |
| Earth-leakage protection class          | Type AC                                 |
| Rated breaking and making capacity      | 500 A                                   |
| Rated conditional short-circuit current | Easy9 MCB: 6000 A 40 A                  |

### Complementary

|  |                     |
|--|---------------------|
| Device location in system                        | Outgoer             |
| Network frequency                                | 50/60 Hz            |
| [Ue] rated operational voltage                   | 400 V AC 50/60 Hz   |
| Residual current tripping technology             | Voltage independent |
| [Ui] rated insulation voltage                    | 440 V AC            |
| [Uimp] rated impulse withstand voltage           | 4 kV                |
| Surge current                                    | 250 A               |
| Contact position indicator                       | Yes                 |
| Control type                                     | Toggle              |
| Mounting mode                                    | Clip-on             |
| Mounting support                                 | DIN rail            |
| Comb busbar and distribution block compatibility | Top: YES            |

|                         |   |
|-------------------------|---|
| Connection pitch        | 18 mm between phases  |
| 9 mm pitches            | 8   |
| Height                  | 82 mm   |
| Width                   | 72 mm   |
| Depth                   | 72 mm   |
| Colour                  | Grey (RAL 7035)   |
| Mechanical durability   | 5000 cycles   |
| Electrical durability   | AC: 2000 cycles 400 V AC 50/60 Hz   |
| Connections - terminals | Tunnel type terminal (top or bottom) 1...35 mm <sup>2</sup> rigid<br>Tunnel type terminal (top or bottom) 1...25 mm <sup>2</sup> flexible |
| Tightening torque       | 3.5 N.m top or bottom   |

## Environment

|                                       |                             |
|---------------------------------------|-----------------------------|
| Standards                             | IEC 61008-1                 |
| Product certifications                | CE                          |
| IP degree of protection               | IP20                        |
| Pollution degree                      | 2 conforming to IEC 61008-1 |
| Tropicalisation                       | 2                           |
| Relative humidity                     | 95 % at 55 °C               |
| Ambient air temperature for operation | -5...60 °C                  |
| Ambient air temperature for storage   | -40...85 °C                 |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 8 cm     |
| Package 1 Width              | 8 cm     |
| Package 1 Length             | 9 cm     |
| Package 1 Weight             | 330 g    |
| Unit Type of Package 2       | BB1      |
| Number of Units in Package 2 | 3        |
| Package 2 Height             | 9.2 cm   |
| Package 2 Width              | 9.7 cm   |
| Package 2 Length             | 25.5 cm  |
| Package 2 Weight             | 1.49 kg  |
| Unit Type of Package 3       | S03      |
| Number of Units in Package 3 | 27       |
| Package 3 Height             | 30 cm    |
| Package 3 Width              | 30 cm    |
| Package 3 Length             | 40 cm    |
| Package 3 Weight             | 11.88 kg |

## Offer Sustainability

|                                    |   |
|------------------------------------|---|
| <b>Sustainable offer status</b>    | Green Premium product   |
| <b>REACH Regulation</b>            | <a href="#">REACH Declaration</a>   |
| <b>EU RoHS Directive</b>           | Compliant<br><a href="#">EU RoHS Declaration</a>  |
| <b>Mercury free</b>                | Yes   |
| <b>RoHS exemption information</b>  | Yes   |
| <b>China RoHS Regulation</b>       | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| <b>Environmental Disclosure</b>    | <a href="#">Product Environmental Profile</a>   |
| <b>Circularity Profile</b>         | <a href="#">End of Life Information</a>   |
| <b>WEEE</b>                        | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| <b>Halogen content performance</b> | Halogen free plastic parts & cables product   |

### Recommended replacement(s)