

# Product datasheet

Specifications



## Easy9 Residual Current Circuit Breaker - 4P - 40A - 300 mA - AC type - 400 V

EZ9R64440

### 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               | 300 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: 4500 A 40 A                  |

### Complementary

|  |                      |
|--|----------------------|
| Device Location In System                        | Outgoer              |
| Network Frequency                                | 50 Hz                |
| [Ue] Rated Operational Voltage                   | 400 V AC 50 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                |

|                                |   |
|--------------------------------|---|
| <b>Depth</b>                   | 72 mm   |
| <b>Colour</b>                  | Grey (RAL 7035)   |
| <b>Mechanical Durability</b>   | 5000 cycles   |
| <b>Electrical Durability</b>   | AC: 2000 cycles 400 V AC 50 Hz  |
| <b>Connections - Terminals</b> | 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 |
| <b>Tightening Torque</b>       | 3.5 N.m top or bottom   |
| <b>Market Segment</b>          | Residential<br>Small commercial   |

## Environment

|  |                             |
|--|-----------------------------|
| <b>Standards</b>                             | IEC 61008-1                 |
| <b>Product Certifications</b>                | CE<br>ISI                   |
| <b>Ip Degree Of Protection</b>               | IP20                        |
| <b>Pollution Degree</b>                      | 2 conforming to IEC 61008-1 |
| <b>Tropicalisation</b>                       | 2                           |
| <b>Relative Humidity</b>                     | 95 % at 55 °C               |
| <b>Ambient Air Temperature For Operation</b> | -25...60 °C                 |
| <b>Ambient Air Temperature For Storage</b>   | -40...85 °C                 |

## Packing Units

|                                     |           |
|-------------------------------------|-----------|
| <b>Unit Type Of Package 1</b>       | PCE       |
| <b>Number Of Units In Package 1</b> | 1         |
| <b>Package 1 Height</b>             | 8 cm      |
| <b>Package 1 Width</b>              | 8 cm      |
| <b>Package 1 Length</b>             | 9 cm      |
| <b>Package 1 Weight</b>             | 362 g     |
| <b>Unit Type Of Package 2</b>       | BB1       |
| <b>Number Of Units In Package 2</b> | 3         |
| <b>Package 2 Height</b>             | 9.2 cm    |
| <b>Package 2 Width</b>              | 9.7 cm    |
| <b>Package 2 Length</b>             | 25.5 cm   |
| <b>Package 2 Weight</b>             | 1.59 kg   |
| <b>Unit Type Of Package 3</b>       | S03       |
| <b>Number Of Units In Package 3</b> | 27        |
| <b>Package 3 Height</b>             | 30 cm     |
| <b>Package 3 Width</b>              | 30 cm     |
| <b>Package 3 Length</b>             | 40 cm     |
| <b>Package 3 Weight</b>             | 13.032 kg |

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

## Well-being performance

Mercury Free

RoHS Exemption Information Yes

Halogen Free Plastic Parts & Cables Product

## Certifications & Standards

**Reach Regulation** [REACH Declaration](#)

**Eu RoHS Directive** Compliant with Exemptions

**China RoHS Regulation** [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

**Environmental Disclosure** [Product Environmental Profile](#)

**Weee** The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

**Circularity Profile** No need of specific recycling operations