



### Main

|   |   |
|---|---|
| Range of product                        | Easy9                                   |
| Product or component type               | Residual current circuit breaker (RCCB) |
| Device short name                       | Easy9 RCCB                              |
| Poles description                       | 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                          |
| Depth  | 72 Mm                          |
| Colour   | Grey (RAL 7035)                |
| Mechanical durability                            | 5000 Cycles                    |
| Electrical durability                            | AC: 2000 cycles 400 V AC 50 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   |
| Market segment          | Residential<br>Small commercial   |





## Environment

|                                       |                             |
|---------------------------------------|-----------------------------|
| Standards                             | IEC 61008-1                 |
| Product certifications                | CE[RETURN]ISI               |
| 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 | -25...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             | 362 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             | 1.59 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             | 13.032 Kg |

## Offer Sustainability

|                             |   |
|-----------------------------|---|
| Sustainable offer status    | Green Premium product   |
| REACH Regulation            |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive           | Compliant with Exemptions   |
| Mercury free                | Yes   |
| China RoHS Regulation       |  <a href="#">China RoHS Declaration</a>        |
| RoHS exemption information  |  <a href="#">Yes</a>                           |
| Environmental Disclosure    |  <a href="#">Product Environmental Profile</a> |
| Circularity Profile         | No need of specific recycling operations  |
| WEEE                        | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins       |
| Halogen content performance | Halogen free plastic parts & cables product   |

Product Life Status : **Commercialised**