

Product datasheet

Specifications



Easy9 Residual Current Circuit Breaker - 4P - 25 A - 100 mA - AC type - 400 V

EZ9R56425

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 | 25 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 25 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 |

| | |
|-------------------------|---|
| 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 ² rigid Tunnel type terminal (top or bottom) 1...25 mm ² flexible |
| Tightening torque | 3.5 N.m top or bottom |

Environment

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|---------------------------------------|-----------------------------|
| 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

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 188 g |
| Package 1 Height | 8 cm |
| Package 1 width | 8 cm |
| Package 1 Length | 9 cm |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 6 |
| Package 2 Weight | 1.63 kg |
| Package 2 Height | 9.2 cm |
| Package 2 width | 9.7 cm |
| Package 2 Length | 25.5 cm |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 54 |
| Package 3 Weight | 13.536 kg |
| Package 3 Height | 30 cm |
| Package 3 width | 30 cm |
| Package 3 Length | 40 cm |

Offer Sustainability

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|--------------------------|-----------------------|
| Sustainable offer status | Green Premium product |
|--------------------------|-----------------------|

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|------------------------------------|---|
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End of Life Information |
| 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 |