# Product data sheet
## Characteristics

# EZ9R64440
## Residual current circuit breaker (RCCB), Easy9, 4P, 40A, AC type, 300mA



## 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 mm² rigid<br>Tunnel type terminal (top or bottom) 1…25 mm² flexible |

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|---|---|
| Tightening torque | 3.5 N.M top or bottom |
| Market segment | Residential<br>Small commercial |

## Environment

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|---|---|
| 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

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|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 8.400 Cm |
| Package 1 Width | 7.700 Cm |
| Package 1 Length | 9.200 Cm |
| Package 1 Weight | 349.000 G |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 3 |
| Package 2 Height | 9.500 Cm |
| Package 2 Width | 10.000 Cm |
| Package 2 Length | 25.500 Cm |
| Package 2 Weight | 1.132 Kg |

## Offer Sustainability

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|---|---|
| Recyclability potential, in % | 51 |
| Total lifecycle Carbon footprint | 24 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 16.307440291916155 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 16 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.18361772556370198 |
| Carbon footprint of the distribution phase [A4] | 0.2 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0.10253599532483348 |
| Carbon footprint of the installation phase [A5] | 0.1 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 7.008076799999997 |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 7 kg CO2 eq. |
| Mercury free | Yes |
| Sustainable packaging | Yes |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.7935879255224303 |
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.8 kg CO2 eq. |
| Environmental Disclosure | Product Environmental Profile |
| Total lifecycle Carbon footprint | 24 |
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| SCIP Number | C80aa611-4852-4a2c-b49a-fd0fbf96bfd7 |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant By Exemption |
| California proposition 65 | WARNING: This product can expose you to chemicals including: Lead, which is known to the State |
| Halogen-free status | Product contains halogen above thresholds |
| PVC free | No |
| Silicone-free | No |
| End of life manual availability | No need of specific recycling operations |

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|---|---|
| Take-back | No |
| WEEE Label | The product must be disposed on European Union markets following specific waste collection a |

## Contractual warranty

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|---|---|
| Warranty (in months) | 18 |

Product Life Status : Commercialised