

Product datasheet

Specifications



Miniature circuit breaker, Easy9, 1P, 6 A, C curve, 3 kA

EZ9F53106

Price* : 61.03 ZAR

Main

| | |
|---------------------------|--|
| Range | Easy9 |
| Device application | Distribution |
| Product or component type | Miniature circuit-breaker |
| Device short name | Easy9 MCB |
| Poles | 1P |
| Number of protected poles | 1 |
| [In] rated current | 6 A |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | 3 kA Icu at 230 V AC 50/60 Hz conforming to SANS 60947-2 |
| Utilisation category | Category A |
| Suitability for isolation | Yes conforming to SANS 60947-2 |

Complementary

| | |
|--|--|
| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | 230 V AC 50/60 Hz |
| Magnetic tripping limit | 8.5 x In +/- 20 % |
| [Ics] rated service breaking capacity | 3 kA 100 % x Icu at 230 V AC 50/60 Hz conforming to SANS 60947-2 |
| Limitation class | 3 conforming to SANS 60947-2 |
| [Ui] rated insulation voltage | 500 V AC 50/60 Hz conforming to SANS 60947-2 |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to SANS 60947-2 |
| Contact position indicator | Yes |
| Control type | Toggle |
| Local signalling | Without |
| Mounting mode | Clip-on |
| Mounting support | DIN rail |

* Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

| | |
|-------------------------|---|
| 9 mm pitches | 2 |
| Height | 81 mm |
| Width | 18 mm |
| Depth | 66.5 mm |
| Net weight | 0.105 kg |
| Colour | Grey (RAL 7035) |
| Mechanical durability | 10000 cycles |
| Electrical durability | 4000 cycles |
| Connections - terminals | Tunnel type terminal (top or bottom) 1...25 mm ² rigid Tunnel type terminal (top or bottom) 1...25 mm ² flexible |
| Tightening torque | 2 N.m top or bottom |

Environment

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|---------------------------------------|------------------------------|
| Standards | SANS 60947-2 |
| Product certifications | CE |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Pollution degree | 2 |
| Relative humidity | 95 % at -5...60 °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 Weight | 104.0 g |
| Package 1 Height | 7.4 cm |
| Package 1 width | 1.8 cm |
| Package 1 Length | 8.5 cm |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 12 |
| Package 2 Weight | 1584 g |
| Package 2 Height | 8 cm |
| Package 2 width | 8.8 cm |
| Package 2 Length | 22.8 cm |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 144 |
| Package 3 Weight | 14.976 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 |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Contractual warranty | |
| Warranty | 18 months |