

Product datasheet

Specifications



Miniature circuit breaker, Easy9, 1P, 16 A, C curve, 10000 A

EZ9F71116

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 | 16 A |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | 10000 A Icn at 240 V AC 50/60 Hz conforming to IEC 60898-1 |
| Suitability for isolation | Yes conforming to IEC 60898-1 |

Complementary

| | |
|--|---|
| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | 240 V AC 50/60 Hz |
| Magnetic tripping limit | 5...10 x In |
| [Ics] rated service breaking capacity | 10 kA 75 % x Icn at 240 V AC 50/60 Hz conforming to IEC 60898-1 |
| Limitation class | 3 conforming to IEC 60898-1 |
| [Ui] rated insulation voltage | 500 V AC 50/60 Hz conforming to IEC 60898-1 |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to IEC 60898-1 |
| Contact position indicator | Yes |
| Control type | Toggle |
| Local signalling | Without |
| Mounting mode | Clip-on |
| Mounting support | DIN rail |
| 9 mm pitches | 2 |
| Height | 81 mm |

| | |
|-------------------------|---|
| Width | 18 mm |
| Depth | 77.5 mm |
| Net weight | 0.115 kg |
| Colour | Grey (RAL 7035) |
| Mechanical durability | 20000 cycles |
| Electrical durability | 20000 cycles |
| Connections - terminals | Tunnel type terminal (top or bottom) 1...25 mm² rigid Tunnel type terminal (top or bottom) 1...16 mm² flexible |
| Tightening torque | 2 N.m top or bottom |

Environment

| | |
|---------------------------------------|------------------------------|
| Standards | IEC 60898-1 |
| Product certifications | CE ISI |
| IP degree of protection | IP20 conforming to IEC 60529 |
| Pollution degree | 2 |
| Tropicalisation | 2 |
| Relative humidity | 95 % at -5...55 °C |
| Ambient air temperature for operation | -5...55 °C |
| Ambient air temperature for storage | -25...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 | 2 cm |
| Package 1 Length | 9 cm |
| Package 1 Weight | 0.115 kg |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 144 |
| Package 2 Height | 30 cm |
| Package 2 Width | 30 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 16.56 kg |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| Sustainable packaging | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| RoHS exemption information | Yes |

Recommended replacement(s)