

Product data sheet

Characteristics

MX9R1116

Residual current breaker with overcurrent protection (RCBO), MAX9, 1PN, 16A, 10mA, C Curve, 6000A, A type, SLIM



Main

| | |
|--------------------------------|---|
| Range | MAX9 |
| Product or component type | Residual current breaker with overcurrent protection (RCBO) |
| Poles description | 1P + N |
| Number of protected poles | 1 |
| [In] rated current | 16 A at 30 °C conforming to AS/NZS 61009.1 |
| Network type | AC |
| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | 240 V AC 50/60 Hz |
| Curve code | C |
| Earth-leakage sensitivity | 10 mA |
| Earth-leakage protection class | Type A |

Complementary

| | |
|--|---|
| Earth-leakage protection time delay | Instantaneous |
| Breaking capacity | 6000 A Icn at 240 V AC 50/60 Hz |
| Limitation class | 3 |
| [Ui] rated insulation voltage | 440 V AC 50/60 Hz |
| [Uimp] rated impulse withstand voltage | 4 kV |
| 9 mm pitches | 2 |
| Height | 93 mm |
| Width | 18 mm |
| Depth | 73 mm |
| Net weight | 136 g |
| Connections - terminals | Tunnel type terminal (top) - 1...16 mm ² - rigid Tunnel type terminal (top) - 1...10 mm ² - flexible Tunnel type terminal (bottom) - 1...10 mm ² - rigid Tunnel type terminal (bottom) - 1...6 mm ² - flexible |
| Comb busbar and distribution block compatibility | YES |

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|----------------------------|--|
| Temperature derating table | -25 °C (19.1 A) -20 °C (18.8 A) -15 °C (18.6 A) -10 °C (18.3 A) -5 °C (18 A) 0 °C (17.8 A) 5 °C (17.5 A) 10 °C (17.2 A) 15 °C (16.9 A) 20 °C (16.6 A) 25 °C (16.3 A) 30 °C (16 A) 35 °C (15.7 A) 40 °C (15.4 A) 45 °C (15 A) 50 °C (14.7 A) 55 °C (14.4 A) 60 °C (14 A) 65 °C (13.7 A) 70 °C (13.3 A) |
| Grid distance | 45 mm |

Environment

| | |
|---------------------------------------|---|
| Standards | IEC 61009-2-2 EN/IEC 61009-1 AS/NZS 61009.1 |
| Quality labels | RCM |
| IP degree of protection | IP20 |
| Pollution degree | 2 |
| Overvoltage category | III |
| Ambient air temperature for operation | -25...70 °C |

Packing Units

| | |
|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 141.0 g |
| Package 1 Height | 1.8 cm |
| Package 1 width | 9.8 cm |
| Package 1 Length | 7.2 cm |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 12 |
| Package 2 Weight | 1.692 kg |
| Package 2 Height | 8.6 cm |
| Package 2 width | 24.4 cm |
| Package 2 Length | 10.3 cm |
| Unit Type of Package 3 | CAR |
| Number of Units in Package 3 | 60 |
| Package 3 Weight | 8.96 kg |
| Package 3 Height | 20 cm |
| Package 3 width | 30 cm |
| Package 3 Length | 40 cm |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |