

Product data sheet

Characteristics

MX9RC263

Residual current circuit breaker (RCCB),
MAX9, 2P, 63A, 30mA, A type



Main

| | |
|--------------------------------|-----------------------------------------|
| Range | MAX9 |
| Product or component type | Residual current circuit breaker (RCCB) |
| Poles description | 2P |
| [In] rated current | 63 A conforming to AS/NZS 61008.1 |
| Network type | AC |
| Network frequency | 50 Hz |
| Earth-leakage sensitivity | 30 mA |
| [Ue] rated operational voltage | 240 V |

Complementary

| | |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Earth-leakage protection time delay | Instantaneous |
| Earth-leakage protection class | Type A |
| Rated breaking and making capacity | Im 630 A at 240 V AC 50 Hz conforming to AS/NZS 61008.1 |
| Rated conditional short-circuit current | MAX9 MCB: Inc 6 kA 63 A |
| [Ui] rated insulation voltage | 440 V AC 50 Hz conforming to AS/NZS 61008.1 |
| [Uimp] rated impulse withstand voltage | 4 kV |
| Surge current | 250 A |
| Control type | Toggle |
| Local signalling | ON/OFF indication |
| Mounting mode | Clip-on |
| Mounting support | DIN rail |
| Standards | IEC 61008-2-1 EN/IEC 61008-1 |
| Quality labels | RCM |
| 9 mm pitches | 4 |
| Height | 85 mm |
| Width | 36 mm |
| Depth | 75 mm |
| Product weight | 210 g |
| Colour | White (RAL 9003) |
| Mechanical durability | 10000 cycles |
| Electrical durability | 4000 cycles AC 50 Hz |
| Connections - terminals | Tunnel type terminals (top or bottom) |
| Wire stripping length | 14 mm for top or bottom connection |
| Tightening torque | 3.5 N.m top or bottom |
| Temperature derating table | 40 °C (63 A) 45 °C (58.5 A) 50 °C (55 A) 55 °C (51.3 A) 60 °C (47.5 A) 65 °C (44 A) 70 °C (40.5 A) |
| Grid distance | 35 mm |

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Environment

| | |
|---------------------------------------|---------------|
| IP degree of protection | IP20 |
| Pollution degree | 2 |
| Overvoltage category | III |
| Relative humidity | 95 % at 55 °C |
| Ambient air temperature for operation | -25...70 °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 | 223 g |
| Package 1 Height | 8 cm |
| Package 1 width | 9 cm |
| Package 1 Length | 4 cm |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 48 |
| Package 2 Weight | 12.108 kg |
| Package 2 Height | 30 cm |
| Package 2 width | 30 cm |
| Package 2 Length | 40 cm |
| Unit Type of Package 3 | BB1 |
| Number of Units in Package 3 | 6 |
| Package 3 Weight | 1.426 kg |
| Package 3 Height | 9 cm |
| Package 3 width | 25.4 cm |
| Package 3 Length | 10.6 cm |

Offer Sustainability

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