

Product data sheet

Characteristics

MX9MC206

Miniature circuit-breaker (MCB), MAX9, 2P, 6A, C Curve, 6000A, 415V, distribution



Main

| | |
|--------------------------------|---------------------------|
| Range | MAX9 |
| Product or component type | Miniature circuit-breaker |
| Device application | Distribution |
| Poles description | 2P |
| Number of protected poles | 2 |
| [In] rated current | 6 A at 30 °C |
| Network type | AC |
| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | 415 V AC 50/60 Hz |
| Curve code | C |
| Magnetic tripping limit | 5...10 x In |
| Colour | White (RAL 9003) |

Complementary

| | |
|--|---|
| Breaking capacity | 6000 A Icn at 415 V AC 50/60 Hz conforming to AS/NZS 60898 |
| [Ics] rated service breaking capacity | 6000 A 100 % - 415 V AC 50/60 Hz |
| Limitation class | 3 |
| [Uimp] rated impulse withstand voltage | 4 kV |
| [Ui] rated insulation voltage | 500 V |
| Suitability for isolation | Yes |
| Contact position indicator | Yes |
| Control type | Toggle |
| Local signalling | ON/OFF indication |
| 9 mm pitches | 4 |
| Height | 85 mm |
| Width | 36 mm |
| Embedding depth | 44 mm |
| Depth | 75 mm |
| Product weight | 250 g |
| Mechanical durability | 20000 cycles |
| Electrical durability | 10000 cycles 240 V |
| Heat dissipation | 1.3 W |
| Provision for padlocking | Padlockable |
| Connections - terminals | Tunnel type terminals (top or bottom) 1...16 mm ² flexible Tunnel type terminals (top or bottom) 1...25 mm ² rigid |
| Wire stripping length | 14 mm for top or bottom connection |
| Tightening torque | 2 N.m |
| Grid distance | 45 mm |

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Environment

| | |
|---------------------------------------|---|
| Quality labels | RCM |
| IP degree of protection | IP20 |
| Pollution degree | 2 |
| Overvoltage category | III |
| Tropicalisation | Severity B conforming to IEC 60068-2-30 |
| Relative humidity | 95 % at 55 °C |
| Operating altitude | 0...2000 m |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...85 °C |
| Temperature derating table | -25 °C (7.44 A) -20 °C (7.32 A) -15 °C (7.2 A) -10 °C (7.07 A) -5 °C (6.95 A) 0 °C (6.82 A) 5 °C (6.69 A) 10 °C (6.56 A) 15 °C (6.42 A) 20 °C (6.29 A) 25 °C (6.14 A) 30 °C (6 A) 35 °C (5.85 A) 40 °C (5.7 A) 45 °C (5.54 A) 50 °C (5.38 A) 55 °C (5.22 A) 60 °C (5.04 A) 65 °C (4.87 A) 70 °C (4.68 A) |

Packing Units

| | |
|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 205 g |
| Package 1 Height | 7.5 cm |
| Package 1 width | 8.5 cm |
| Package 1 Length | 3.5 cm |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 6 |
| Package 2 Weight | 1.302 kg |
| Package 2 Height | 8 cm |
| Package 2 width | 22 cm |
| Package 2 Length | 9.85 cm |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 42 |
| Package 3 Weight | 9.814 kg |
| Package 3 Height | 30 cm |
| Package 3 width | 30 cm |
| Package 3 Length | 40 cm |

Offer Sustainability

| | |
|----------------------------|---|
| REACH Regulation |  REACH Declaration |
| REACH free of SVHC | Yes |
| 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](#)
