

Product data sheet

Characteristics

MX9MS1100

Clipsal MAX9, Isolator Switch, 1P, 100A, 240V



Main

| | |
|---------------------------|---------------------|
| Range | MAX9 |
| Product or component type | Switch disconnecter |
| Device application | Switch |
| Poles description | 1P |
| Utilisation category | AC-22A |
| Suitability for isolation | Yes |

Complementary

| | |
|--|---|
| [Ie] rated operational current | AC-22A: 100 A at 240 V AC 50/60 Hz |
| [Ue] rated operational voltage | 240 V AC 50/60 Hz |
| Network frequency | 50/60 Hz |
| [Icm] rated short-circuit making capacity | 5 kA 240 V AC at 50/60 Hz |
| [Icw] rated short-time withstand current | 1500 A during 1 s conforming to IEC 60947-3 at 240 V |
| [Ith] conventional free air thermal current | 100 A |
| Maximum power | AC-22A: 4.7 W at 240 V AC 50/60 Hz |
| [Ui] rated insulation voltage | 500 V AC 50/60 Hz |
| [Uimp] rated impulse withstand voltage | 6 kV |
| Control type | Toggle |
| Local signalling | ON/OFF indication |
| Contact position indicator | Yes |
| Mounting mode | Clip-on |
| Mounting support | DIN rail |
| Comb busbar and distribution block compatibility | Top or bottom: YES |
| 9 mm pitches | 2 |
| Height | 85 mm |
| Width | 18 mm |
| Depth | 75 mm |
| Product weight | 81 g |
| Colour | White |
| Mechanical durability | 20000 cycles |
| Electrical durability | AC-22A: 10000 cycles 240 V AC 50/60 Hz |
| Connections - terminals | Tunnel type terminals (top or bottom) - 6...50 mm ² - rigid Tunnel type terminals (top or bottom) - 6...35 mm ² - flexible |
| Wire stripping length | 14 mm |
| Tightening torque | 3.5 N.m |

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Environment

| | |
|---------------------------------------|---|
| Standards | IEC 60947-3 |
| Quality labels | RCM |
| IP degree of protection | IP20 |
| Pollution degree | 3 |
| Overvoltage category | IV |
| Tropicalisation | Severity B conforming to IEC 60068-2-30 |
| 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 Height | 8.5 cm |
| Package 1 Width | 7.5 cm |
| Package 1 Length | 1.8 cm |
| Package 1 Weight | 80 g |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 12 |
| Package 2 Height | 9.6 cm |
| Package 2 Width | 8.2 cm |
| Package 2 Length | 22 cm |
| Package 2 Weight | 960 g |
| Unit Type of Package 3 | CAR |
| Number of Units in Package 3 | 96 |
| Package 3 Height | 20 cm |
| Package 3 Width | 30 cm |
| Package 3 Length | 40 cm |
| Package 3 Weight | 8.18 kg |

Offer Sustainability

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

Contractual warranty

| | |
|----------|--------|
| Warranty | 7-year |
|----------|--------|