

Product data sheet

Characteristics

MX9C122522

Contactor, MAX9, 2 NO + 2 NC, 25A,
 U_e=415VAC, U_c=240VAC, 2 modules



Main

| | |
|---|-----------------|
| Range | MAX9 |
| Product or component type | Contactor |
| Device application | Control circuit |
| Poles description | 4P |
| [I _e] rated operational current | 25 A AC-7A |
| Pole contact composition | 2 NO + 2 NC |
| Network type | AC |
| Utilisation category | AC-7A |
| Control type | Remote control |
| [U _c] control circuit voltage | 240 V AC 50 Hz |

Complementary

| | |
|---|--|
| Network frequency | 50 Hz |
| [U _e] rated operational voltage | 415 V AC 50 Hz |
| Maximum power | 1.6 W at 415 V AC 50 Hz |
| [U _i] rated insulation voltage | 500 V AC 50 Hz conforming to EN 61095 |
| [U _{imp}] rated impulse withstand voltage | 2.5 kV |
| Switching frequency | 100 switching operations/day |
| Hold-in power consumption in VA | 4.6 VA |
| Inrush power in VA | 34 VA |
| Mounting mode | Clip-on |
| Mounting support | 35 mm symmetrical DIN rail |
| Comb busbar and distribution block compatibility | NO |
| 9 mm pitches | 4 |
| Height | 81 mm |
| Width | 36 mm |
| Depth | 63 mm |
| Product weight | 240 g |
| Colour | White (RAL 9003) |
| Mechanical durability | 1000000 cycles |
| Electrical durability | 100000 cycles 240 V 25 A AC 50 Hz |
| Connections - terminals | Power: tunnel type terminal1 cable(s) 1.5...4 mm ² flexible Power: tunnel type terminal2 cable(s) 1.5...2.5 mm ² flexible Power: tunnel type terminal1 cable(s) 1.5...6 mm ² rigid Power: tunnel type terminal2 cable(s) 1.5...2.5 mm ² rigid Control: tunnel type terminal1 cable(s) 0.5...4 mm ² flexible Control: tunnel type terminal2 cable(s) 0...2.5 mm ² flexible Control: tunnel type terminal1 cable(s) 0.5...6 mm ² rigid Control: tunnel type terminal2 cable(s) 0...2.5 mm ² rigid |
| Tightening torque | 0.8 N.m |
| Wire stripping length | 10 mm |
| Product compatibility | No auxiliary |

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|----------------------------|--|
| Market segment | Residential |
| Temperature derating table | 40 °C (25 A) 50 °C (23.8 A) 60 °C (20 A) |

Environment

| | |
|---------------------------------------|--|
| Quality labels | RCM |
| Noise level | 30 dB |
| Heat dissipation | 2.8 W at 50 Hz |
| IP degree of protection | IP20 (modular enclosure) conforming to IEC 60529 |
| Pollution degree | 2 |
| Overvoltage category | III |
| Tropicalisation | Severity B |
| Relative humidity | 95 % at 55 °C |
| Operating altitude | 2000 m |
| Ambient air temperature for operation | -5...70 °C |
| Ambient air temperature for storage | -40...70 °C |

Packing Units

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 270.8 g |
| Package 1 Height | 3.8 cm |
| Package 1 width | 11.1 cm |
| Package 1 Length | 12.1 cm |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 42 |
| Package 2 Weight | 11.874 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 | 1.625 kg |
| Package 3 Height | 12 cm |
| Package 3 width | 12.8 cm |
| Package 3 Length | 25.4 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 |