



Main

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|---------------------------|--|
| Range | Resi9 |
| Product or component type | Miniature circuit-breaker |
| Device application | Distribution |
| Poles description | 1P |
| Number of protected poles | 1 |
| [In] rated current | 25 A at 30 °C |
| Network type | AC |
| Curve code | C |
| Breaking capacity | 6000 A Icn at 230 V AC 50/60 Hz conforming to AS/NZS 60898 |
| Suitability for isolation | Yes |
| Quality labels | RCM |

Complementary

| | |
|--|---|
| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | 230 V AC 50/60 Hz |
| [Ics] rated service breaking capacity | 6000 A 100 % - 230 V AC 50/60 Hz |
| Magnetic tripping limit | 5...10 x In |
| Limitation class | 3 |
| [Ui] rated insulation voltage | 500 V |
| [Uimp] rated impulse withstand voltage | 4 kV |
| Contact position indicator | Yes |
| Control type | Toggle |
| Local signalling | ON/OFF indication |
| 9 mm pitches | 2 |
| Height | 85 mm |
| Width | 18 mm |
| Depth | 75 mm |
| Embedding depth | 44 mm |
| Net weight | 125 g |
| Colour | White (RAL 9003) |
| Mechanical durability | 20000 cycles |
| Electrical durability | 10000 cycles 230 V |
| Provision for padlocking | Padlockable |
| Wire stripping length | 14 mm for top or bottom connection |
| Tightening torque | 2 N.m |
| Connections - terminals | Tunnel type terminals (top or bottom) 1...16 mm ² flexible Tunnel type terminals (top or bottom) 1...25 mm ² rigid |

Environment

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|-------------------------|-------|
| Grid distance | 45 mm |
| Heat dissipation | 2.7 W |
| 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 |

Packing Units

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|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 7.2 cm |
| Package 1 Width | 8.5 cm |
| Package 1 Length | 1.8 cm |
| Package 1 Weight | 0.116 kg |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 12 |
| Package 2 Height | 8.6 cm |
| Package 2 Width | 9.6 cm |
| Package 2 Length | 23 cm |
| Package 2 Weight | 1.501 kg |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 84 |
| Package 3 Height | 30 cm |
| Package 3 Width | 38 cm |
| Package 3 Length | 30 cm |
| Package 3 Weight | 11.27 kg |

Offer Sustainability

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