

Product data sheet

Characteristics

MCB4-120

Miniature circuit breaker, Resi MAX, 1P, 20A, C curve, 4500A, 240VAC



Main

| | |
|---------------|----------|
| Product brand | Clipsal |
| Range | Resi MAX |

Complementary

| | |
|--|--|
| Curve code | C |
| Number of poles | 1 |
| [In] rated current | 20 A |
| Number of modules | 1 |
| [Ue] rated operational voltage | 240 V |
| Breaking capacity | Icn 4500 A at 240 V conforming to AS/NZS 60898-1 |
| Network type | AC |
| Network frequency | 50/60 Hz |
| [Uimp] rated impulse withstand voltage | 4 kV |
| [Ui] rated insulation voltage | 440 V |
| Mechanical durability | 20000 cycles |
| Electrical durability | 20000 cycles |
| Connections - terminals | Screw terminal for 1 cable(s) 0.75...16 mm ² rigid Screw terminal for 1 cable(s) 0.33...10 mm ² flexible Screw terminal for 1 cable(s) 0.33...10 mm ² flexible with ferrule |
| Wire stripping length | 13 mm |
| Tightening torque | 2 N.m |

Environment

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|---------------------------------------|--|
| IP degree of protection | IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529 |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...70 °C |
| Standards | AS/NZS 60898 |
| Pollution degree | 3 |
| Tropicalisation | 2 conforming to IEC 60068-1 |
| Relative humidity | 95 % at 55 °C |
| Height | 81 mm |
| Width | 18 mm |
| Depth | 78.5 mm |
| Net weight | 115 g |

Packing Units

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|------------------------------|----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 106.0 g |
| Package 1 Height | 7.2 cm |
| Package 1 Width | 1.8 cm |
| Package 1 Length | 8.5 cm |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 12 |
| Package 2 Weight | 1.348 kg |
| Package 2 Height | 8.2 cm |
| Package 2 Width | 9.2 cm |
| Package 2 Length | 23 cm |

Offer Sustainability

| | |
|-----------------------------|---|
| Sustainable offer status | Green Premium product |
| 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 |
| Halogen content performance | Halogen free product |