

Product datasheet

Specifications



Domae MCB - miniature circuit-breaker - 3P - 20A - C Curve - 4500A

11053

Main

| | |
|---------------------------|---------------------------|
| Range | Domae |
| Product or component type | Miniature circuit-breaker |
| Device short name | Domae MCB |
| Device application | Distribution |
| Poles description | 3P |
| Number of protected poles | 3 |
| [In] rated current | 20 A |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | Icn 4500 A |

Complementary

| | |
|--|--|
| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | 400 V AC 50/60 Hz |
| Magnetic tripping limit | 5...10 x In |
| [Ics] rated service breaking capacity | 4500 kA 100 % x Icn conforming to EN/IEC 60898-1 |
| Contact position indicator | Yes |
| Control type | Toggle |
| Local signalling | Fault trip |
| Mounting mode | Clip-on |
| Mounting support | DIN rail |
| Comb busbar and distribution block compatibility | YES |
| 9 mm pitches | 6 |
| Height | 81 mm |
| Width | 54 mm |
| Depth | 78.5 mm |
| Net weight | 0.285 kg |

| | |
|--------------------------|---|
| Colour | White |
| Mechanical durability | 20000 cycles |
| Connections - terminals | Tunnel type terminals (top or bottom) - 1...25 mm ² - rigid Tunnel type terminals (top or bottom) - 1...16 mm ² - flexible |
| Wire stripping length | 14 mm for top or bottom connection |
| Tightening torque | 2 N.m top or bottom |
| Earth-leakage protection | Without |

Environment

| | |
|---------------------------------------|--|
| Standards | IEC 60529 IEC 60068-1 IEC 60898-1 |
| IP degree of protection | IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529 |
| Tropicalisation | 2 conforming to IEC 60068-1 |
| Relative humidity | 95 % at 55 °C |
| Ambient air temperature for operation | -25...60 °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 | 289.0 g |
| Package 1 Height | 5.5 cm |
| Package 1 width | 7.5 cm |
| Package 1 Length | 8.5 cm |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 4 |
| Package 2 Weight | 1.198 kg |
| Package 2 Height | 8 cm |
| Package 2 width | 8.5 cm |
| Package 2 Length | 22 cm |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 48 |
| Package 3 Weight | 14.823 kg |
| Package 3 Height | 30 cm |
| Package 3 width | 30 cm |
| Package 3 Length | 40 cm |

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 |

| | |
|-----------------------------------|---|
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Pro-active China RoHS declaration (out of China RoHS legal scope) |
| Environmental Disclosure | Product Environmental Profile |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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|-----------------|-----------|
| Warranty | 18 months |
|-----------------|-----------|