

Product datasheet

Miniature circuit breaker (MCB)

Main

| | |
|---------------------------|---------------------------|
| Device application | Distribution |
| Range of product | Panasonic MCB |
| Range | Panasonic MCB |
| Product name | Panasonic MCB |
| Product or component type | Miniature circuit breaker |
| Device short name | Panasonic MCB |
| Poles description | SP |
| Number of protected poles | 1 |
| [In] rated current | 10A |
| Network type | AC |
| Trip unit technology | Thermal & Magnetic |
| Curve code | B,C,D |
| Utilisation category | NA |
| Suitability for isolation | Yes |
| Standards | IEC 60898-1:2008 |
| Product certifications | ISI |

Complementary

| | |
|--|---|
| Network frequency | 50Hz |
| [Ue] rated operational voltage | AC240/415V |
| Magnetic tripping limit | B - (3-5) In C - (5-10) In D - (10-20) In |
| Breaking capacity | 10kA |
| [Ics] rated service breaking capacity | 7.5kA |
| Limitation class | 3 |
| [Ui] rated insulation voltage | 660V |
| [Uimp] rated impulse withstand voltage | 4kV |
| Contact position indicator | Yes |

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|--|-------------------------------------|
| Trip indicator | 3 colour indication |
| Control type | Knob/Toggle |
| Local signalling | ON/OFF & TRIP (Under Fault) |
| Mounting mode | Fixed |
| Mounting support | Din Rail |
| Comb busbar and distribution block compatibility | Yes |
| 9 mm pitches | 2 |
| Height | 81 |
| Width | 18 |
| Depth | 65.5 |
| Net weight | 0.126 kg |
| Quantity per set | 1 |
| Colour | RAL7035 (Light grey) |
| Mechanical durability | |
| Electrical durability | 4000 ops |
| Connections - terminals | 1sq.mm to 25sq.mm For Cu conductors |
| Wire stripping length | 7mm |
| Tightening torque | 2.5 Nm |
| Earth-leakage protection | NA |
| <i>Environment</i> | |
| IP degree of protection | IP20 |
| Pollution degree | 2 |
| <i>Tropicalisation</i> | |
| Relative humidity | 95% |
| Operating altitude | 2000m |
| Ambient air temperature for operation | 30°C |
| Ambient air temperature for storage | 30°C |
| <i>Packing Units</i> | |
| Unit Type of Primary Package | Nos |
| Number of Units in Primary Package | 1 |

| | |
|--------------------------------------|----------|
| Primary Package Height | 0.088m |
| Primary Package Width | 0.019m |
| Primary Package Length | 0.072m |
| Primary Package Weight | 0.134kg |
| Unit Type of Secondary Package | Nos |
| Number of Units in Secondary Package | 12 |
| Secondary Package Height | 0.238m |
| Secondary Package Width | 0.094m |
| Secondary Package Length | 0.078m |
| Secondary Package Weight | 1.608 kg |
| Unit Type of Master Package | Nos |
| Number of Units in Master Package | 120 |
| Master Package Height | 0.425m |
| Master Package Width | 0.200m |
| Master Package Length | 0.255m |
| Master Package Weight | 16.528kg |