Product datasheet

Specifications





Multi 9 - C60BP - MCB - 2P - 6 A - C Curve - 480Y/277 V - 10 kA - UL 489

M9F42206

Main

| Walli | | |
|--------------------------------------|--|--|
| Range | Multi9 | |
| Product name | Multi9 C60 | |
| Product or component type | Miniature circuit-breaker | |
| Device short name | C60BP | |
| Device application | Distribution | |
| poles description | 2P | |
| Number of protected poles | 2 | |
| [In] rated current | 6 A at 25 °C conforming to EN/IEC 60947-2 | |
| network type | DC AC | |
| rip unit technology Thermal-magnetic | | |
| Curve code | С | |
| Breaking capacity | 6 kA Icu at 440 V AC conforming to EN/IEC 60947-2 10 kA Icu at 415 V AC conforming to EN/IEC 60947-2 20 kA Icu at 240 V AC conforming to EN/IEC 60947-2 6 kA Icu at 440 V AC conforming to GB 14048.2 10 kA Icu at 415 V AC conforming to GB 14048.2 20 kA Icu at 240 V AC conforming to GB 14048.2 14 kA AIR at 240 V AC conforming to UL 489 10 kA AIR at 125 V DC conforming to UL 489 10 kA AIR at 480Y/277 V AC conforming to UL 489 14 kA AIR at 240 V AC conforming to UL 489 15 kA AIR at 480Y/277 V AC conforming to UL 489 16 kA AIR at 480Y/277 V AC conforming to CSA C22.2 No 5 17 kA AIR at 480Y/277 V AC conforming to CSA C22.2 No 5 | |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2 | |
| Standards | EN/IEC 60947-2 GB 14048.2 UL 489 CSA C22.2 No 5 | |
| Product certifications | IEC CCC CSA UL | |

Complementary

| [Ue] rated operational voltage | 240 V AC 50/60 Hz 415 V AC 50/60 Hz 440 V AC 50/60 Hz |
|--------------------------------|---|
| Magnetic tripping limit | 8.5 x In +/- 20 % AC 12 x In +/- 20 % DC |

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| [Ics] rated service breaking capacity | 4.5 kA 75 % conforming to EN/IEC 60947-2 - 440 V AC 7.5 kA 75 % conforming to EN/IEC 60947-2 - 415 V AC |
| | 15 kA 75 % conforming to EN/IEC 60947-2 - 240 V AC |
| | 4.5 kA 75 % conforming to GB 14048.2 - 440 V AC |
| | 7.5 kA 75 % conforming to GB 14048.2 - 415 V AC |
| | 15 kA 75 % conforming to GB 14048.2 - 240 V AC |
| [Ui] rated insulation voltage | 500 V AC conforming to EN/IEC 60947-2 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN/IEC 60947-2 |
| Contact position indicator | Yes |
| Control type | Toggle |
| local signalling | ON/OFF indication |
| Mounting mode | Clip-on |
| Mounting support | DIN rail |
| 9 mm pitches | 4 |
| Height | 103 mm |
| Width | 36 mm |
| Depth | 72 mm |
| Colour | Grey |
| Mechanical durability | 20000 cycles |
| Electrical durability 10000 cycles | |
| Provision for padlocking | Padlockable |
| Connections - terminals | Tunnel type terminal (top or bottom)125 mm² (AWG 18AWG 8) - rigid |
| | Tunnel type terminal (top or bottom)116 mm² (AWG 18AWG 8) - flexible with |
| | ferrule |
| | Tunnel type terminal (top or bottom)116 mm² (AWG 18AWG 8) - flexible |
| Wire stripping length | 14 mm for top or bottom connection |
| Tightening torque | 2.5 N.m top or bottom |
| Earth-leakage protection | Without |
| | |

Environment

| IP degree of protection | IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529 |
|---------------------------------------|---|
| Pollution degree | 3 conforming to EN/IEC 60947-2 |
| Tropicalisation | 2 conforming to IEC 60068-1 |
| Relative humidity | 95 % at 55 °C |
| Operating altitude | 02000 m |
| Ambient air temperature for operation | -3070 °C |
| Ambient air temperature for storage | -4080 °C |

Packing Units

| Unit Type of Package 1 | PCE |
|------------------------------|-----------|
| Number of Units in Package 1 | 1 |
| Package 1 Height | 7.500 cm |
| Package 1 Width | 3.600 cm |
| Package 1 Length | 10.300 cm |

| Package 1 Weight | 242.000 g |
|------------------------------|-----------|
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 6 |
| Package 2 Height | 11.000 cm |
| Package 2 Width | 10.800 cm |
| Package 2 Length | 22.000 cm |
| Package 2 Weight | 1.496 kg |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 54 |
| Package 3 Height | 30.000 cm |
| Package 3 Width | 30.000 cm |
| Package 3 Length | 40.000 cm |
| Package 3 Weight | 14.050 kg |



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Transparency RoHS/REACh

Well-being performance

| Mercury Free | |
|----------------------------|-----|
| Rohs Exemption Information | Yes |
| Halogen Free Product | |

Certifications & Standards

| Reach Regulation | REACh Declaration |
|--------------------------|---|
| Eu Rohs Directive | Compliant with Exemptions |
| China Rohs Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| 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 |
| Circularity Profile | No need of specific recycling operations |

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