

M9F22120

Multi 9 - C60SP - MCB - 1P - 20 A - C Curve - 277 V - 10 kA - UL 1077

Product availability : Stock - Normally stocked in distribution facility



Main

| | |
|---------------------------|--|
| Range | Multi 9 |
| Product name | Multi 9 C60 |
| Product or component type | Miniature circuit-breaker |
| Device short name | C60SP |
| Device application | Distribution |
| Poles description | 1P |
| Number of protected poles | 1 |
| [In] rated current | 20 A at 77 °F (25 °C) conforming to EN/IEC 60947-2 |
| Network type | AC DC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | AIR 10 kA at 277 V AC conforming to UL 1077 AIR 14 kA at 240 V AC conforming to UL 1077 AIR 14 kA at 120 V AC conforming to UL 1077 AIR 10 kA at 65 V DC conforming to UL 1077 AIR 10 kA at 277 V AC conforming to CSA C22.2 No 235 AIR 14 kA at 240 V AC conforming to CSA C22.2 No 235 AIR 14 kA at 120 V AC conforming to CSA C22.2 No 235 AIR 10 kA at 65 V DC conforming to CSA C22.2 No 235 Icu 3 kA at 415 V AC conforming to EN/IEC 60947-2 Icu 10 kA at 240 V AC conforming to EN/IEC 60947-2 Icu 20 kA at 60 V DC conforming to EN/IEC 60947-2 Icu 3 kA at 415 V AC conforming to GB 14048.2 Icu 10 kA at 240 V AC conforming to GB 14048.2 Icu 20 kA at 60 V DC conforming to GB 14048.2 |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2 |
| Standards | UL 1077 GB 14048.2 EN/IEC 60947-2 CSA C22.2 No 235 |
| Product certifications | CSA |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Complementary

| | |
|--|--|
| System Voltage | 240 V AC 50/60 Hz 415 V AC 50/60 Hz 60 V DC |
| Magnetic tripping limit | 8.5 x In +/- 20% AC 12 x In +/- 20% DC |
| [Ics] rated service breaking capacity | 2.25 kA 75 % x Icu at 415 V AC conforming to EN/IEC 60947-2 7.5 kA 75 % x Icu at 240 V AC conforming to EN/IEC 60947-2 20 kA 100 % x Icu at 60 V DC conforming to EN/IEC 60947-2 2.25 kA 75 % x Icu at 415 V AC conforming to GB 14048.2 7.5 kA 75 % x Icu at 240 V AC conforming to GB 14048.2 20 kA 100 % x Icu at 60 V DC conforming to GB 14048.2 |
| [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 | 2 |
| Height | 3.19 in (81 mm) |
| Width | 0.71 in (18 mm) |
| Depth | 2.83 in (72 mm) |
| Colour | Grey |
| Mechanical durability | 20000 cycles |
| Electrical durability | 10000 cycles |
| Provision for padlocking | Padlockable |
| Connections - terminals | Tunnel type terminal, top or bottom flexible with ferrule wire(s) 0...0.02 in ² (1...16 mm ²) max (AWG 18...AWG 8) Tunnel type terminal, top or bottom rigid wire(s) 0...0.04 in ² (1...25 mm ²) max (AWG 18...AWG 8) Tunnel type terminal, top or bottom flexible wire(s) 0...0.02 in ² (1...16 mm ²) max (AWG 18...AWG 8) |
| Wire stripping length | 0.55 in (14 mm) (top or bottom) |
| Tightening torque | 22.12 lbf.in (2.5 N.m) (top or bottom) |
| Earth-leakage protection | Without |

Environment

| | |
|---------------------------------------|--|
| IP degree of protection | IP40 modular enclosure conforming to IEC 60529 IP20 conforming to IEC 60529 |
| Pollution degree | 3 conforming to EN/IEC 60947-2 |
| Tropicalisation | 2 conforming to IEC 60068-1 |
| Relative humidity | 95 % (131 °F (55 °C)) |
| Operating altitude | 0...6561.68 ft (0...2000 m) |
| Ambient air temperature for operation | -22...158 °F (-30...70 °C) |
| Ambient air temperature for storage | -40...176 °F (-40...80 °C) |

Ordering and shipping details

| | |
|-----------------------|----------------------------------|
| Category | 00948 - M9 GEN 2 CB UL1077 / IEC |
| Discount Schedule | DE2 |
| GTIN | 00785901719441 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.25 |
| Returnability | Y |

| | |
|-------------------|----|
| Country of origin | FR |
|-------------------|----|

Offer Sustainability

| | |
|--------------------------|--|
| Sustainable offer status | Not Green Premium product |
| REACH | Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold |

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