# Product data sheet
## Characteristics

# M9F42102
## Multi 9 - C60BP - MCB - 1P - 2 A - C Curve - 277 V - 10 kA - UL 489

Product availability : Stock - Normally stocked in distribution facility

Price* : 125.00 USD



## Main

| | |
|---|---|
| Range | Multi 9 |
| Product name | Multi 9 C60 |
| Product or component type | Miniature circuit-breaker |
| Device short name | C60BP |
| Device application | Distribution |
| Poles description | 1P |
| Number of protected poles | 1 |
| [In] rated current | 2 A at 77 °F (25 °C) conforming to EN/IEC 60947-2 |
| Network type | AC<br>DC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | Icu 3 kA at 415 V AC conforming to EN/IEC 60947-2<br>Icu 10 kA at 240 V AC conforming to EN/IEC 60947-2<br>Icu 20 kA at 60 V DC conforming to EN/IEC 60947-2<br>Icu 3 kA at 415 V AC conforming to GB 14048.2<br>Icu 10 kA at 240 V AC conforming to GB 14048.2<br>Icu 20 kA at 60 V DC conforming to GB 14048.2<br>AIR 10 kA at 277 V AC conforming to UL 489<br>AIR 14 kA at 240 V AC conforming to UL 489<br>AIR 14 kA at 120 V AC conforming to UL 489<br>AIR 10 kA at 60 V DC conforming to UL 489<br>AIR 10 kA at 277 V AC conforming to CSA C22.2 No 5<br>AIR 14 kA at 240 V AC conforming to CSA C22.2 No 5<br>AIR 14 kA at 120 V AC conforming to CSA C22.2 No 5<br>AIR 10 kA at 60 V DC conforming to CSA C22.2 No 5 |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2 |
| Standards | UL 489<br>CSA C22.2 No 5<br>GB 14048.2<br>EN/IEC 60947-2 |

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

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|---|---|
| Product certifications | UL<br>CSA<br>CCC<br>IEC |

## Complementary

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|---|---|
| System Voltage | 240 V AC 50/60 Hz<br>415 V AC 50/60 Hz<br>60 V DC |
| Magnetic tripping limit | 8.5 x In +/- 20% AC<br>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<br>7.5 kA 75 % x Icu at 240 V AC conforming to EN/IEC 60947-2<br>2.25 kA 75 % x Icu at 415 V AC conforming to GB 14048.2<br>7.5 kA 75 % x Icu at 240 V AC conforming to GB 14048.2<br>15 kA 75 % x Icu at 60 V DC conforming to GB 14048.2<br>15 kA 75 % x Icu at 60 V DC conforming to EN/IEC 60947-2 |
| [Ui] rated insulation voltage | 500 V ACconforming 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 | 4.06 in (103 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 in² (1...16 mm²) max (AWG 18...AWG 8)<br>Tunnel type terminal, top or bottom rigid wire(s) 0...0.04 in² (1...25 mm²) max (AWG 18...AWG 8)<br>Tunnel type terminal, top or bottom flexible wire(s) 0...0.02 in² (1...16 mm²) 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<br>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

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|---|---|
| Category | 00949 - M9 GEN 2 CB UL489 |
| Discount Schedule | DE2 |
| GTIN | 00785901669746 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 0.27000000000000002 |

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|---|---|
| Returnability | Y |
| Country of origin | FR |

## Offer Sustainability

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|---|---|
| Sustainable offer status | Green Premium product |
| RoHS (date code: YYWW) | Compliant - since 1719 - Schneider Electric declaration of conformity<br>Schneider Electric declaration of conformity |
| REACh | Reference not containing SVHC above the threshold<br>Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Need no specific recycling operations |