# Product data sheet
## Characteristics

# M9F23313
## Multi9 - C60SP - MCB - 3P - 13 A - D Curve - 480Y/277 V - 10 kA - UL 1077

Product availability : Stock - Normally stocked in distribution facility

Green Premium™

Price* : 315.00 USD

## 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 | 3P |
| Number of protected poles | 3 |
| Line Rated Current | 13 A 77 °F (25 °C) EN/IEC 60947-2 |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | D |
| Breaking capacity | 14 kA AIR 240 V AC UL 1077<br>14 kA AIR 240 V AC CSA C22.2 No 235<br>10 kA AIR 480Y/277 V AC UL 1077<br>10 kA AIR 480Y/277 V AC CSA C22.2 No 235<br>6 kA Icu 440 V AC EN/IEC 60947-2<br>10 kA Icu 415 V AC EN/IEC 60947-2<br>20 kA Icu 240 V AC EN/IEC 60947-2<br>6 kA Icu 440 V AC GB 14048.2<br>10 kA Icu 415 V AC GB 14048.2<br>20 kA Icu 240 V AC GB 14048.2 |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2 |
| Standards | EN/IEC 60947-2<br>GB 14048.2<br>UL 1077<br>CSA C22.2 No 235 |
| Product certifications | IEC<br>CCC<br>UR<br>CSA |

* Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

| | |
|---|---|
| [Ue] rated operational voltage | 240 V AC 50/60 Hz<br>415 V AC 50/60 Hz<br>440 V AC 50/60 Hz |
| Magnetic tripping limit | 12 x In +/- 20 % AC |
| [Ics] rated service breaking capacity | 4.5 kA 75 % EN/IEC 60947-2 - 440 V AC<br>7.5 kA 75 % EN/IEC 60947-2 - 415 V AC<br>15 kA 75 % EN/IEC 60947-2 - 240 V AC<br>4.5 kA 75 % GB 14048.2 - 440 V AC<br>7.5 kA 75 % GB 14048.2 - 415 V AC<br>15 kA 75 % GB 14048.2 - 240 V AC |
| [Ui] rated insulation voltage | 500 V AC EN/IEC 60947-2 |
| [Uimp] rated impulse withstand voltage | 6 kVEN/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 | 6 |
| Height | 3.19 in (81 mm) |
| Width | 2.13 in (54 mm) |
| Depth | 2.83 in (72 mm) |
| Color | Gray |
| Mechanical durability | 20000 cycles |
| Electrical durability | 10000 cycles |
| Provision for padlocking | Padlockable |
| Connections - terminals | Tunnel type terminal top or bottom) 0.00…0.04 in² (1…25 mm²) AWG 18...AWG 8) - rigid<br>Tunnel type terminal top or bottom) 0.00…0.02 in² (1…16 mm²) AWG 18...AWG 8) - flexible with ferrule<br>Tunnel type terminal top or bottom) 0.00…0.02 in² (1…16 mm²) AWG 18...AWG 8) - flexible |
| Wire stripping length | 0.55 in (14 mm) top or bottom |
| Tightening torque | 22.13 lbf.in (2.5 N.m) top or bottom |
| Earth-leakage protection | Without |

## Environment

| | |
|---|---|
| IP degree of protection | IP20 conforming to IEC 60529<br>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 % 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 | 03606481169150 |
| Nbr. of units in pkg. | 1 |
| Package weight(Lbs) | 11.92 oz (338 g) |
| Returnability | Yes |
| Country of origin | FR |

## Packing Units

| | |
|---|---|
| Unit Type of Package 1 | PCE |
| Package 1 Height | 2.13 in (5.4 cm) |
| Package 1 width | 2.95 in (7.5 cm) |
| Package 1 Length | 3.35 in (8.5 cm) |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 4 |
| Package 2 Weight | 3.09 lb(US) (1.4 kg) |
| Package 2 Height | 3.54 in (9 cm) |
| Package 2 width | 3.15 in (8 cm) |
| Package 2 Length | 9.06 in (23 cm) |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 48 |
| Package 3 Weight | 38.11 lb(US) (17.287 kg) |
| Package 3 Height | 11.81 in (30 cm) |
| Package 3 width | 11.81 in (30 cm) |
| Package 3 Length | 15.75 in (40 cm) |

## Offer Sustainability

| | |
|---|---|
| Sustainable offer status | Green Premium product |
| REACh Regulation | REACh Declaration |
| EU RoHS Directive | Compliant<br>EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration<br>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. |
| Halogen content performance | Halogen free product |