



### 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         | 2P  |
| Number of protected poles | 2   |
| Line Rated Current        | 6 A 77 °F (25 °C) EN/IEC 60947-2  |
| Network type              | AC<br>DC  |
| 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 125 V DC UL 1077<br>10 KA AIR 480Y/277 V AC CSA C22.2 No 235<br>10 KA AIR 125 V DC 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 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   |

### 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<br>17 x In +/- 20 % DC   |
| [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             | 4  |
| Height                   | 3.19 in (81 mm)  |
| Width                    | 1.42 in (36 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 in <sup>2</sup> (1...25 mm <sup>2</sup> ) AWG 18...AWG 8) - rigid<br>Tunnel type terminal top or bottom) 0.00...0.02 in <sup>2</sup> (1...16 mm <sup>2</sup> ) AWG 18...AWG 8) - flexible with ferrule<br>Tunnel type terminal top or bottom) 0.00...0.02 in <sup>2</sup> (1...16 mm <sup>2</sup> ) 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(IEC 60529<br>IP40 modular enclosure)IEC 60529 |
| Pollution degree                      | 3 EN/IEC 60947-2                                   |
| Tropicalisation                       | 2 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                  | 3606481169013                  |
| Nbr. of units in pkg. | 1                              |
| Package weight(Lbs)   | 7.90 oz (224.0 g)              |
| Returnability         | Yes                            |
| Country of origin     | FR                             |

## Packing Units

|                              |                          |
|------------------------------|--------------------------|
| Unit Type of Package 1       | PCE                      |
| Package 1 Height             | 2.95 in (7.5 cm)         |
| Package 1 width              | 1.42 in (3.6 cm)         |
| Package 1 Length             | 3.35 in (8.5 cm)         |
| Unit Type of Package 2       | BB1                      |
| Number of Units in Package 2 | 6                        |
| Package 2 Weight             | 3.07 lb(US) (1.393 kg)   |
| Package 2 Height             | 3.15 in (8 cm)           |
| Package 2 width              | 3.54 in (9 cm)           |
| Package 2 Length             | 8.94 in (22.7 cm)        |
| Unit Type of Package 3       | S03                      |
| Number of Units in Package 3 | 72                       |
| Package 3 Weight             | 37.92 lb(US) (17.201 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            | <a href="#">REACH Declaration</a>  |
| EU RoHS Directive           | Compliant <a href="#">EU RoHS Declaration</a>  |
| Mercury free                | Yes  |
| RoHS exemption information  | <a href="#">Yes</a>  |
| China RoHS Regulation       | <a href="#">China RoHS Declaration</a>   |
| Environmental Disclosure    | <a href="#">Product Environmental Profile</a>  |
| 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   |