



## 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Line Rated Current        | 1 A 77 °F (25 °C) EN/IEC 60947-2                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Network type              | AC<br>DC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Trip unit technology      | Thermal-magnetic                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Curve code                | C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Breaking capacity         | 10 KA AIR 277 V AC UL 1077<br>14 KA AIR 240 V AC UL 1077<br>14 KA AIR 120 V AC UL 1077<br>10 KA AIR 65 V DC UL 1077<br>10 KA AIR 277 V AC CSA C22.2 No 235<br>14 KA AIR 240 V AC CSA C22.2 No 235<br>14 KA AIR 120 V AC CSA C22.2 No 235<br>10 KA AIR 65 V DC CSA C22.2 No 235<br>3 KA Icu 415 V AC EN/IEC 60947-2<br>10 KA Icu 240 V AC EN/IEC 60947-2<br>20 KA Icu 60 V DC EN/IEC 60947-2<br>3 KA Icu 415 V AC GB 14048.2<br>10 KA Icu 240 V AC GB 14048.2<br>20 KA Icu 60 V DC 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>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 % EN/IEC 60947-2 - 415 V AC<br>7.5 KA 75 % EN/IEC 60947-2 - 240 V AC<br>20 KA 100 % EN/IEC 60947-2 - 60 V DC<br>2.25 KA 75 % GB 14048.2 - 415 V AC<br>7.5 KA 75 % GB 14048.2 - 240 V AC<br>20 KA 100 % GB 14048.2 - 60 V DC |
| [Ui] rated insulation voltage          | 500 V AC EN/IEC 60947-2                                                                                                                                                                                                                |
| [Uimp] rated impulse withstand voltage | 6 kV 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)                                                                                                                                                                                                                                                                                                                                                                |
| Maximum Width            | 0.71 in (18 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    | 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<br>IP40 (modular enclosure) conforming to IEC 60529 |
| Pollution degree                      | 3 EN/IEC 60947-2                                                                 |
| Tropicalisation                       | 2 conforming to IEC 60068-1                                                      |
| Relative humidity                     | 95 % at 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                  | 00785901719939                   |
| Nbr. of units in pkg. | 1                                |
| Package weight(Lbs)   | 0.26 lb(US) (0.12 kg)            |
| Returnability         | Yes                              |
| Country of origin     | FR                               |

## Packing Units

|                              |                          |
|------------------------------|--------------------------|
| Unit Type of Package 1       | PCE                      |
| Package 1 Height             | 0.71 in (1.8 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 | 12                       |
| Package 2 Weight             | 3.18 lb(US) (1.444 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 | 144                      |
| Package 3 Weight             | 39.28 lb(US) (17.815 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                                                                                                            |