



### Main

|                           |                                                                                                                                                                                                                            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                     | Multi9                                                                                                                                                                                                                     |
| Product name              | Multi9 C60                                                                                                                                                                                                                 |
| Product or Component Type | Miniature circuit-breaker                                                                                                                                                                                                  |
| Device short name         | C60N                                                                                                                                                                                                                       |
| Device Application        | Distribution                                                                                                                                                                                                               |
| Poles description         | 2P                                                                                                                                                                                                                         |
| Number of protected poles | 2                                                                                                                                                                                                                          |
| Line Rated Current        | 16 A 122 °F (50 °C) EN/IEC 60947-2                                                                                                                                                                                         |
| Network type              | DC<br>AC                                                                                                                                                                                                                   |
| Trip unit technology      | Thermal-magnetic                                                                                                                                                                                                           |
| Curve code                | C                                                                                                                                                                                                                          |
| Breaking capacity         | 20 KA Icu <= 125 V DC EN/IEC 60947-2<br>10 KA Icu 415 V AC 50/60 Hz between phases EN/IEC 60947-2<br>20 KA Icu 240 V AC 50/60 Hz between phases EN/IEC 60947-2<br>6 kA Icu 440 V AC 50/60 Hz between phases EN/IEC 60947-2 |
| Utilisation category      | Category A EN/IEC 60947-2                                                                                                                                                                                                  |
| Suitability for isolation | Yes EN/IEC 60947-2                                                                                                                                                                                                         |
| Standards                 | EN/IEC 60947-2                                                                                                                                                                                                             |
| Product certifications    | EAC[RETURN]KC[RETURN]CCC                                                                                                                                                                                                   |

### Complementary

|                                        |                                                                                                                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network Frequency                      | 50/60 Hz                                                                                                                                                                                      |
| [Ue] rated operational voltage         | 240 V AC 50/60 Hz between phases<br>415 V AC 50/60 Hz between phases<br>440 V AC 50/60 Hz between phases<br><= 125 V DC                                                                       |
| Magnetic tripping limit                | 8.5 x In +/- 20 % AC<br>12 x In +/- 20 % DC                                                                                                                                                   |
| [Ics] rated service breaking capacity  | 7.5 KA 75 % EN/IEC 60947-2 - 415 V AC 50/60 Hz<br>16 KA 75 % EN/IEC 60947-2 - 240 V AC 50/60 Hz<br>4.5 KA 75 % EN/IEC 60947-2 - 440 V AC 50/60 Hz<br>20 kA 100 % EN/IEC 60947-2 - <= 125 V DC |
| Limitation class                       | 3                                                                                                                                                                                             |
| [Ui] rated insulation voltage          | 500 V AC 50/60 Hz 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)                                                                                                                                                                               |
| Net Weight                             | 0.53 lb(US) (0.24 kg)                                                                                                                                                                         |

|                          |                                                                                                                                                                                                                                                                                                                                |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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> ) - rigid<br>Tunnel type terminal top or bottom) 0.00...0.04 in <sup>2</sup> (1...25 mm <sup>2</sup> ) - flexible<br>Tunnel type terminal top or bottom) 0.00...0.04 in <sup>2</sup> (1...25 mm <sup>2</sup> ) - flexible with ferrule |
| Wire stripping length    | 0.55 in (14 mm) for top or bottom connection                                                                                                                                                                                                                                                                                   |
| Tightening torque        | 17.70 lbf.in (2 N.m) top or bottom                                                                                                                                                                                                                                                                                             |
| Earth-leakage protection | Separate block                                                                                                                                                                                                                                                                                                                 |

## Environment

|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
| Heat dissipation                      | 5 W 415 V - 16 A                                                                 |
| IP degree of protection               | IP20 conforming to IEC 60529<br>IP40 (modular enclosure) conforming to IEC 60529 |
| Pollution degree                      | 3 EN/IEC 60947-2                                                                 |
| Overvoltage category                  | IV                                                                               |
| Tropicalisation                       | 2 IEC 60068-1                                                                    |
| Relative humidity                     | 95 % 131 °F (55 °C)                                                              |
| 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          | 00908-C60N SUPPLEMENTARY PROTECTORS |
| Discount Schedule | DE2                                 |
| GTIN              | 3606480576256                       |
| Returnability     | Yes                                 |
| Country of origin | BG                                  |

## Packing Units

|                              |                          |
|------------------------------|--------------------------|
| Unit Type of Package 1       | PCE                      |
| Number of Units in Package 1 | 1                        |
| Package 1 Height             | 1.42 in (3.6 cm)         |
| Package 1 Width              | 2.95 in (7.5 cm)         |
| Package 1 Length             | 3.35 in (8.5 cm)         |
| Package 1 Weight             | 7.37 oz (209.0 g)        |
| Unit Type of Package 2       | BB1                      |
| Number of Units in Package 2 | 6                        |
| Package 2 Height             | 1.02 in (2.58 cm)        |
| Package 2 Width              | 7.87 in (20.0 cm)        |
| Package 2 Length             | 11.81 in (30.0 cm)       |
| Package 2 Weight             | 2.87 lb(US) (1.303 kg)   |
| Unit Type of Package 3       | S03                      |
| Number of Units in Package 3 | 72                       |
| Package 3 Height             | 11.81 in (30.0 cm)       |
| Package 3 Width              | 11.81 in (30.0 cm)       |
| Package 3 Length             | 15.75 in (40.0 cm)       |
| Package 3 Weight             | 35.60 lb(US) (16.148 kg) |

## Offer Sustainability

|                             |                                                                                                                                 |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status    | Green Premium product                                                                                                           |
| REACH Regulation            | <a href="#"> REACH Declaration</a>             |
| EU RoHS Directive           | Compliant with Exemptions                                                                                                       |
| Mercury free                | Yes                                                                                                                             |
| China RoHS Regulation       | <a href="#"> China RoHS Declaration</a>        |
| RoHS exemption information  | <a href="#"> Yes</a>                           |
| Environmental Disclosure    | <a href="#"> Product Environmental Profile</a> |
| Circularity Profile         | No need of specific recycling operations                                                                                        |
| 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                                                                                                            |