



### Main

|                           |                                                                                                                                                                                    |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                     | Multi9                                                                                                                                                                             |
| Product name              | Multi9 C60                                                                                                                                                                         |
| Product or Component Type | Miniature circuit-breaker                                                                                                                                                          |
| Device short name         | C60N                                                                                                                                                                               |
| Device Application        | Distribution                                                                                                                                                                       |
| Poles description         | 1P                                                                                                                                                                                 |
| Number of protected poles | 1                                                                                                                                                                                  |
| Line Rated Current        | 10 A 122 °F (50 °C) EN/IEC 60947-2                                                                                                                                                 |
| Network type              | DC<br>AC                                                                                                                                                                           |
| Trip unit technology      | Thermal-magnetic                                                                                                                                                                   |
| Curve code                | D                                                                                                                                                                                  |
| Breaking capacity         | 15 KA Icu <= 72 V DC EN/IEC 60947-2<br>10 KA Icu 240 V AC 50/60 Hz between phase and neutral EN/IEC 60947-2<br>3 kA Icu 415 V AC 50/60 Hz between phase and neutral 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 phase and neutral<br>415 V AC 50/60 Hz between phase and neutral<br><= 72 V DC                                     |
| Magnetic tripping limit                | 12 x In +/- 20 % AC<br>17 x In +/- 20 % DC                                                                                                   |
| [Ics] rated service breaking capacity  | 7.5 KA 75 % EN/IEC 60947-2 - 240 V AC 50/60 Hz<br>2.25 KA 75 % EN/IEC 60947-2 - 415 V AC 50/60 Hz<br>15 kA 100 % EN/IEC 60947-2 - <= 72 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                           | 2                                                                                                                                            |
| Height                                 | 3.19 in (81 mm)                                                                                                                              |
| Width                                  | 0.71 in (18 mm)                                                                                                                              |
| Depth                                  | 2.83 in (72 mm)                                                                                                                              |
| Net Weight                             | 0.26 lb(US) (0.12 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                      | 1.8 W 240 V - 10 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          | US10DE200908  |
| Discount Schedule | 0DE2          |
| GTIN              | 3606480576638 |
| Returnability     | No            |
| Country of origin | BG            |

## Packing Units

|                              |                          |
|------------------------------|--------------------------|
| Unit Type of Package 1       | PCE                      |
| Number of Units in Package 1 | 1                        |
| Package 1 Height             | 2.95 in (7.500 cm)       |
| Package 1 Width              | 0.71 in (1.800 cm)       |
| Package 1 Length             | 3.35 in (8.500 cm)       |
| Package 1 Weight             | 3.60 oz (102 g)          |
| Unit Type of Package 2       | BB1                      |
| Number of Units in Package 2 | 12                       |
| Package 2 Height             | 3.23 in (8.200 cm)       |
| Package 2 Width              | 3.43 in (8.700 cm)       |
| Package 2 Length             | 8.66 in (22.000 cm)      |
| Package 2 Weight             | 2.79 lb(US) (1.264 kg)   |
| Unit Type of Package 3       | S03                      |
| Number of Units in Package 3 | 144                      |
| Package 3 Height             | 11.81 in (30.000 cm)     |
| Package 3 Width              | 11.81 in (30.000 cm)     |
| Package 3 Length             | 15.75 in (40.000 cm)     |
| Package 3 Weight             | 34.78 lb(US) (15.778 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                                                                                                           |