



## 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        | 3 A 122 °F (50 °C) EN/IEC 60947-2                                                                                                                                                 |
| Network type              | AC<br>DC                                                                                                                                                                          |
| Trip unit technology      | Thermal-magnetic                                                                                                                                                                  |
| Curve code                | C                                                                                                                                                                                 |
| 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                | 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 - 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 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                                 | 3.2 in (81 mm)                                                                                                                              |
| Width                                  | 0.7 in (18 mm)                                                                                                                              |
| Depth                                  | 2.8 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) 0.002...0.04 in <sup>2</sup> (1...25 mm <sup>2</sup> ) - rigid<br>Tunnel type terminal top or bottom) 0.002...0.04 in <sup>2</sup> (1...25 mm <sup>2</sup> ) - flexible<br>Tunnel type terminal top or bottom) 0.002...0.04 in <sup>2</sup> (1...25 mm <sup>2</sup> ) - flexible with ferrule |
| Wire stripping length    | 0.6 in (14 mm) for top or bottom connection                                                                                                                                                                                                                                                                                       |
| Tightening torque        | 17.7 lbf.in (2 N.m) top or bottom                                                                                                                                                                                                                                                                                                 |
| Earth-leakage protection | Separate block                                                                                                                                                                                                                                                                                                                    |

## Environment

|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
| Heat dissipation                      | 2.2 W 240 V - 3 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              | 3606480576089 |
| Returnability     | No            |
| Country of origin | BG            |

## Packing Units

|                              |                           |
|------------------------------|---------------------------|
| Unit Type of Package 1       | PCE                       |
| Number of Units in Package 1 | 1                         |
| Package 1 Height             | 0.7 in (1.8 cm)           |
| Package 1 Width              | 3.0 in (7.5 cm)           |
| Package 1 Length             | 3.3 in (8.5 cm)           |
| Package 1 Weight             | 3.8 oz (108.0 g)          |
| Unit Type of Package 2       | BB1                       |
| Number of Units in Package 2 | 12                        |
| Package 2 Height             | 3.1 in (8.0 cm)           |
| Package 2 Width              | 3.5 in (8.8 cm)           |
| Package 2 Length             | 8.7 in (22.0 cm)          |
| Package 2 Weight             | 2.965 lb(US) (1.345 kg)   |
| Unit Type of Package 3       | S03                       |
| Number of Units in Package 3 | 144                       |
| Package 3 Height             | 11.8 in (30.0 cm)         |
| Package 3 Width              | 11.8 in (30.0 cm)         |
| Package 3 Length             | 15.7 in (40.0 cm)         |
| Package 3 Weight             | 35.995 lb(US) (16.327 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 |  Yes                                    |

|                             |                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| 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                                                                                                           |