

# Product data sheet

Specifications



## Multi9 - C60 UL489 - MCB - 2P - 5 A - C Curve - 480Y/277 V - 10 kA - tunnel ter

MGN61316

⚠ Discontinued on: Jul 12, 2021

⚠ Discontinued

Product availability: Non-Stock - Not normally stocked in distribution facility

### Main

|                           |                                                                                                                                                            |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                     | Multi9                                                                                                                                                     |
| Product Name              | Multi9 C60                                                                                                                                                 |
| Product Or Component Type | Miniature circuit-breaker                                                                                                                                  |
| Device Short Name         | C60 UL489                                                                                                                                                  |
| Device Application        | Distribution                                                                                                                                               |
| Poles Description         | 2P                                                                                                                                                         |
| Number Of Protected Poles | 2                                                                                                                                                          |
| Line Rated Current        | 5 A 77 °F (25 °C)                                                                                                                                          |
| Network Type              | AC                                                                                                                                                         |
| Trip Unit Technology      | Thermal-magnetic                                                                                                                                           |
| Curve Code                | C                                                                                                                                                          |
| Breaking Capacity         | 10 kA AIR 480Y/277 V AC UL 489<br>10 kA AIR 480Y/277 V AC CSA C22.2 No 5.2<br>10 kA Icu 480Y/277 V AC EN/IEC 60947-2<br>10 kA Icu 480Y/277 V AC GB 14048.2 |
| Suitability For Isolation | Yes EN/IEC 60947-2                                                                                                                                         |

### Complementary

|                                        |                         |
|----------------------------------------|-------------------------|
| Network Frequency                      | 50/60 Hz                |
| [Ue] Rated Operational Voltage         | 480Y/277 V AC           |
| Magnetic Tripping Limit                | 8.5 x In +/- 20 % AC    |
| Limitation Class                       | 3 EN/IEC 60947-2        |
| [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                                 | 5.55 in (141 mm)        |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                          |                                                                                                                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Width                    | 1.42 in (36 mm)                                                                                                                                                                                  |
| Depth                    | 2.70 in (68.7 mm)                                                                                                                                                                                |
| Net Weight               | 0.49 lb(US) (0.22 kg)                                                                                                                                                                            |
| Color                    | Gray                                                                                                                                                                                             |
| Mechanical Durability    | 20000 cycles                                                                                                                                                                                     |
| Electrical Durability    | 10000 cycles                                                                                                                                                                                     |
| Provision For Padlocking | Padlockable                                                                                                                                                                                      |
| Connections - Terminals  | Tunnel type terminal top or bottom) - 1 0.00...0.00 in² (1...1.5 mm²) AWG 18...AWG 16) - rigid<br>Tunnel type terminal top or bottom) - 2 0.00...0.00 in² (1...1.5 mm²) AWG 18...AWG 16) - rigid |
| Tightening Torque        | 7.08 lbf.in (0.8 N.m) top or bottom                                                                                                                                                              |

## Environment

|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
| Standards                             | GB 14048.2<br>EN/IEC 60947-2<br>UL 489<br>CSA C22.2 No 5                         |
| Product Certifications                | CSA<br>CCC<br>IEC<br>UL                                                          |
| 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)                                                              |
| Operating Altitude                    | 6561.68 ft (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          | US10DE200915 |
| Discount Schedule | 0DE2         |
| Gtin              | 785901630517 |
| Returnability     | No           |
| Country Of Origin | US           |

## Packing Units

|                              |                      |
|------------------------------|----------------------|
| Unit Type Of Package 1       | PCE                  |
| Number Of Units In Package 1 | 1                    |
| Package 1 Height             | 1.50 in (3.81 cm)    |
| Package 1 Width              | 3.00 in (7.62 cm)    |
| Package 1 Length             | 5.60 in (14.224 cm)  |
| Package 1 Weight             | 11.36 oz (322.051 g) |

# Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Sustainability



**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

- [Learn more about Green Premium >](#)
- [Guide to assess a product’s sustainability >](#)



RoHS/REACH

Well-being performance

|                                         |     |
|-----------------------------------------|-----|
| <div>✓</div> Mercury Free               |     |
| <div>✓</div> Rohs Exemption Information | Yes |
| <div>✓</div> Halogen Free Product       |     |

Certifications & Standards

|                       |                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------|
| Eu Rohs Directive     | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                             |
| China Rohs Regulation | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information.       |
| Weee                  | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |