

# Product data sheet

Specifications



## Multi9 - C60 UL1077 - MCB - 2P - 50 A - D Curve - 480Y/277 V - 5 kA

24529

⚠ Discontinued on: Oct 8, 2021

⚠ Discontinued

### Main

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                     | Multi9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product Name              | Multi9 C60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Product Or Component Type | Miniature circuit-breaker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Device Short Name         | C60 UL1077                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Device Application        | Distribution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Poles Description         | 2P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Number Of Protected Poles | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Neutral Position          | Left                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Line Rated Current        | 50 A 77 °F (25 °C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Network Type              | DC<br>AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Trip Unit Technology      | Thermal-magnetic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Curve Code                | D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Breaking Capacity         | 6 kA Icu 440 V AC EN/IEC 60947-2<br>10 kA Icu 415 V AC EN/IEC 60947-2<br>20 kA Icu 240 V AC EN/IEC 60947-2<br>6 kA Icu 440 V AC GB 14048.2<br>10 kA Icu 415 V AC GB 14048.2<br>20 kA Icu 240 V AC GB 14048.2<br>10 kA AIR 240 V AC UL 1077<br>5 kA AIR 480Y/277 V AC UL 1077<br>10 kA AIR 125 V DC UL 1077<br>10 kA Icu 125 V DC EN/IEC 60947-2<br>10 kA Icu 125 V DC GB 14048.2<br>10 kA AIR 240 V AC CSA C22.2 No 235<br>5 kA AIR 480Y/277 V AC CSA C22.2 No 235<br>10 kA AIR 125 V DC CSA C22.2 No 235 |
| Suitability For Isolation | Yes EN/IEC 60947-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

### Complementary

|                                |                                              |
|--------------------------------|----------------------------------------------|
| Network Frequency              | 50/60 Hz                                     |
| [Ue] Rated Operational Voltage | 415 V AC<br>240 V AC<br>440 V AC<br>125 V DC |
| Magnetic Tripping Limit        | 12 x In +/- 20 % AC<br>17 x In +/- 20 % DC   |
| Limitation Class               | 3 EN/IEC 60947-2                             |
| [Ui] Rated Insulation Voltage  | 500 V AC EN/IEC 60947-2                      |

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

|                                        |                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------|
| [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                                  | 2.87 in (73 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) 0.00...0.05 in² (2.5...35 mm²) AWG 14...AWG 2)<br>- rigid |
| Wire Stripping Length                  | 0.55 in (14 mm) for top or bottom connection                                                  |
| Tightening Torque                      | 30.98 lbf.in (3.5 N.m) top or bottom                                                          |

## Environment

|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
| Standards                             | UL 1077<br>GB 14048.2<br>EN/IEC 60947-2<br>CSA C22.2 No 235                      |
| Product Certifications                | UR<br>CSA<br>CCC<br>IEC                                                          |
| 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          | 99999-DEFAULT ADD CATEGORY |
| Discount Schedule | N/A                        |
| Gtin              | 785901881292               |
| Returnability     | No                         |

## Packing Units

|                              |                     |
|------------------------------|---------------------|
| Unit Type Of Package 1       | PCE                 |
| Number Of Units In Package 1 | 1                   |
| Package 1 Height             | 3.07 in (7.8 cm)    |
| Package 1 Width              | 1.57 in (4 cm)      |
| Package 1 Length             | 3.46 in (8.8 cm)    |
| Package 1 Weight             | 8.62 oz (244.414 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

|   |                            |     |
|---|----------------------------|-----|
| ✓ | Mercury Free               |     |
| ✓ | Rohs Exemption Information | Yes |
| ✓ | 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. |