

# Product data sheet

Specifications



## Multi9 - C60 UL1077 - MCB - 1P - 7 A - C Curve - 277 V - 5 kA

17415

 **Discontinued on:** Nov 19, 2020

 **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         | 1P  |
| Number Of Protected Poles | 1   |
| [In] Rated Current        | 7 A at 25 °C  |
| Network Type              | AC<br>DC  |
| Trip Unit Technology      | Thermal-magnetic  |
| Curve Code                | C   |
| Breaking Capacity         | 10 kA Icu at 240 V AC conforming to EN/IEC 60947-2<br>10 kA Icu at 240 V AC conforming to GB 14048.2<br>5 kA AIR at 277 V AC conforming to UL 1077<br>10 kA AIR at 240 V AC conforming to UL 1077<br>10 kA AIR at 65 V DC conforming to UL 1077<br>3 kA Icu at 415 V AC conforming to EN/IEC 60947-2<br>10 kA Icu at 60 V DC conforming to EN/IEC 60947-2<br>3 kA Icu at 415 V AC conforming to GB 14048.2<br>10 kA Icu at 60 V DC conforming to GB 14048.2<br>5 kA AIR at 277 V AC conforming to CSA C22.2 No 235<br>10 kA AIR at 240 V AC conforming to CSA C22.2 No 235<br>10 kA AIR at 65 V DC conforming to CSA C22.2 No 235 |
| Suitability For Isolation | Yes conforming to EN/IEC 60947-2  |

### Complementary

|  |   |
|--|---|
| Network Frequency                      | 50/60 Hz                                    |
| [Ue] Rated Operational Voltage         | 415 V AC<br>240 V AC<br>60 V DC             |
| Magnetic Tripping Limit                | 8.5 x In +/- 20 % AC<br>12 x In +/- 20 % DC |
| Limitation Class                       | 3 conforming to EN/IEC 60947-2              |
| [Ui] Rated Insulation Voltage          | 500 V AC conforming to EN/IEC 60947-2       |
| [Uimp] Rated Impulse Withstand Voltage | 6 kV conforming to EN/IEC 60947-2           |
| Contact Position Indicator             | Yes   |

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

|                          |   |
|--------------------------|---|
| Control Type             | Toggle  |
| Local Signalling         | ON/OFF indication   |
| Mounting Mode            | Clip-on   |
| Mounting Support         | DIN rail  |
| 9 Mm Pitches             | 2   |
| Height                   | 81 mm   |
| Width                    | 18 mm   |
| Depth                    | 73 mm   |
| Net Weight               | 0.11 kg   |
| Colour                   | Grey  |
| Mechanical Durability    | 20000 cycles  |
| Electrical Durability    | 10000 cycles  |
| Provision For Padlocking | Padlockable   |
| Connections - Terminals  | Tunnel type terminal (top or bottom)2.5...25 mm² (AWG 14...AWG 4) - rigid |
| Wire Stripping Length    | 14 mm for top or bottom connection  |
| Tightening Torque        | 2.5 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 conforming to EN/IEC 60947-2   |
| Overvoltage Category                  | IV   |
| Tropicalisation                       | 2 conforming to IEC 60068-1  |
| Relative Humidity                     | 95 % at 55 °C  |
| Operating Altitude                    | 2000 m   |
| Ambient Air Temperature For Operation | -30...70 °C  |
| Ambient Air Temperature For Storage   | -40...80 °C  |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type Of Package 1       | PCE       |
| Number Of Units In Package 1 | 1         |
| Package 1 Height             | 7.5 cm    |
| Package 1 Width              | 1.8 cm    |
| Package 1 Length             | 9.5 cm    |
| Package 1 Weight             | 112.341 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.

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RoHS/REACH

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

✓ Halogen Free Product

## Certifications & Standards

**Eu Rohs Directive** Compliant  
[EU RoHS Declaration](#)

**China Rohs Regulation** [China RoHS declaration](#)  
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