# Product datasheet

Specifications

# Multi9 - C60 UL1077 - MCB - 1P - 35 A - B Curve - 277 V - 5 kA

17408

Discontinued on: 19 Nov 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** | 35 A at 25 °C |
| **Network Type** | DC<br>AC |
| **Trip Unit Technology** | Thermal-magnetic |
| **Curve Code** | B |
| **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** | 4 x In +/- 20 % AC<br>5.6 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…35 mm² (AWG 14...AWG 2) - rigid |
| **Wire Stripping Length** | 14 mm for top or bottom connection |
| **Tightening Torque** | 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 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** | 8 cm |
| **Package 1 Width** | 2 cm |
| **Package 1 Length** | 9 cm |
| **Package 1 Weight** | 123.671 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-$CO_2$ 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>EU RoHS Declaration |
| **China Rohs Regulation** | China RoHS declaration<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 |