

# Product data sheet

Specifications



## Multi9 - C60 UL1077 - MCB - 1P - 3 A - B Curve - 277 V - 5 kA

24112

⚠ 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         | 1P                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Number of protected poles | 1                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Line Rated Current        | 3 A 77 °F (25 °C)                                                                                                                                                                                                                                                                                                                                                                                                     |
| Network type              | DC<br>AC                                                                                                                                                                                                                                                                                                                                                                                                              |
| Trip unit technology      | Thermal-magnetic                                                                                                                                                                                                                                                                                                                                                                                                      |
| Curve code                | B                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Breaking capacity         | 10 kA Icu 240 V AC EN/IEC 60947-2<br>10 kA Icu 240 V AC GB 14048.2<br>5 kA AIR 277 V AC UL 1077<br>10 kA AIR 240 V AC UL 1077<br>10 kA AIR 65 V DC UL 1077<br>3 kA Icu 415 V AC EN/IEC 60947-2<br>10 kA Icu 60 V DC EN/IEC 60947-2<br>3 kA Icu 415 V AC GB 14048.2<br>10 kA Icu 60 V DC GB 14048.2<br>5 kA AIR 277 V AC CSA C22.2 No 235<br>10 kA AIR 240 V AC CSA C22.2 No 235<br>10 kA AIR 65 V DC CSA C22.2 No 235 |
| Suitability for isolation | Yes EN/IEC 60947-2                                                                                                                                                                                                                                                                                                                                                                                                    |
| 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                                                                                                                                                                                                                                                                                                                                                                                               |

### 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 |

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

|                                        |                                                                                             |
|----------------------------------------|---------------------------------------------------------------------------------------------|
| 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                           | 2                                                                                           |
| Height                                 | 3.2 in (81 mm)                                                                              |
| Width                                  | 0.7 in (18 mm)                                                                              |
| Depth                                  | 2.9 in (73 mm)                                                                              |
| Net Weight                             | 0.24 lb(US) (0.11 kg)                                                                       |
| color                                  | Gray                                                                                        |
| Mechanical durability                  | 20000 cycles                                                                                |
| Electrical durability                  | 10000 cycles                                                                                |
| Provision for padlocking               | Padlockable                                                                                 |
| Connections - terminals                | Tunnel type terminal top or bottom) 0.004...0.04 in² (2.5...25 mm²) AWG 14...AWG 4) - rigid |
| Wire stripping length                  | 0.6 in (14 mm) for top or bottom connection                                                 |
| Tightening torque                      | 22.1 lbf.in (2.5 N.m) top or bottom                                                         |

## Environment

|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
| 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              | 785901880127               |
| Returnability     | No                         |

## Packing Units

|                        |     |
|------------------------|-----|
| Unit Type of Package 1 | PCE |
| Nbr. of units in pkg.  | 1   |

|                     |                      |
|---------------------|----------------------|
| Package 1 Height    | 3.1 in (8 cm)        |
| Package 1 Width     | 0.9 in (2.2 cm)      |
| Package 1 Length    | 3.3 in (8.5 cm)      |
| Package weight(Lbs) | 4.038 oz (114.476 g) |

## Contractual warranty

|                      |    |
|----------------------|----|
| Warranty (in months) | 18 |
|----------------------|----|



## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

Environmental Disclosure

[Product Environmental Profile](#)

## Use Better



### Materials and Substances

[EU RoHS Directive](#)

Compliant

Halogen content performance

Halogen free product

## Use Longer



### Lifetime extension

Repair

No

## Use Again



### Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.