



### Main

|                           |                                  |
|---------------------------|----------------------------------|
| Product or component type | Miniature circuit-breaker        |
| Range                     | Multi 9                          |
| Product name              | Multi 9 C60                      |
| Device short name         | C60 UL1077                       |
| Device application        | Distribution                     |
| Number of protected poles | 1                                |
| [In] rated current        | 0.5 A at 25 °C                   |
| Network type              | AC<br>DC                         |
| Trip unit technology      | Thermal-magnetic                 |
| Breaking capacity code    | N                                |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2 |

### Complementary

|                                |  |
|--------------------------------|--|
| [Ue] rated operational voltage | 240 V AC<br>60 V DC<br>415 V AC  |
| Mounting mode                  | Clip-on  |
| Poles description              | 1P   |
| Breaking capacity              | AIR 10 kA at 65 V DC conforming to UL 1077<br>Icu 3 kA at 415 V AC conforming to EN/IEC 60947-2<br>Icu 10 kA at 240 V AC conforming to EN/IEC 60947-2<br>Icu 3 kA at 415 V AC conforming to GB 14048.2<br>Icu 10 kA at 240 V AC conforming to GB 14048.2<br>AIR 5 kA at 277 V AC conforming to UL 1077<br>AIR 10 kA at 240 V AC conforming to UL 1077<br>AIR 5 kA at 277 V AC conforming to CSA C22.2<br>AIR 10 kA at 240 V AC conforming to CSA C22.2<br>AIR 10 kA at 65 V DC conforming to CSA C22.2<br>Icu 10 kA at 60 V DC conforming to EN/IEC 60947-2<br>Icu 10 kA at 60 V DC conforming to GB 14048.2 |

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

|  |   |
|--|---|
| Network frequency                      | 50/60 Hz  |
| Curve code                             | C   |
| 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   |
| Control type                           | Toggle  |
| Local signalling                       | ON/OFF indication   |
| Mounting support                       | DIN rail  |
| Connection pitch                       | 18 mm Between devices   |
| 9 mm pitches                           | 2   |
| Height                                 | 81 mm   |
| Width                                  | 18 mm   |
| Depth                                  | 73 mm   |
| Product 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 rigid wire(s) 2.5...25 mm <sup>2</sup> max (AWG 14...AWG 4) |
| Wire stripping length                  | 14 mm top or bottom   |
| 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                | CSA<br>CCC<br>IEC<br>UR  |
| IP degree of protection               | IP40 for modular enclosure conforming to IEC 60529<br>IP20 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 % 55 °C   |
| Operating altitude                    | 2000 m   |
| Ambient air temperature for operation | -30...70 °C  |
| Ambient air temperature for storage   | -40...80 °C  |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 0627 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference not containing SVHC above the threshold<br><a href="#">Reference not containing SVHC above the threshold</a>                |
| Product environmental profile    | Available<br><a href="#">Product environmental</a>  |
| Product end of life instructions | Need no specific recycling operations   |