# **Product datasheet**

Specifications





Multi9 - C60 UL489 - MCB - 2P -35 A - D Curve - 240 V - 10 kA tunnel term

60167

() Discontinued on: 20 Mar 2019

(!) End-of-service on: 31 May 2021

#### Main

| mann                      |   |  |
|---------------------------|---|--|
| Range                     | Multi9  |  |
| Product name              | Multi9 C60  |  |
| Product or component type | Miniature circuit-breaker   |  |
| Device short name         | C60 UL489   |  |
| Device application        | Distribution  |  |
| poles description         | 2P  |  |
| Number of protected poles | 2   |  |
| Neutral position          | Left  |  |
| [In] rated current        | 35 A at 25 °C   |  |
| network type              | DC<br>AC  |  |
| Trip unit technology      | Thermal-magnetic  |  |
| Curve code                | D   |  |
| Breaking capacity         | 6 kA Icu at 440 V AC conforming to EN/IEC 60947-2<br>10 kA Icu at 415 V AC conforming to EN/IEC 60947-2<br>20 kA Icu at 240 V AC conforming to EN/IEC 60947-2<br>6 kA Icu at 240 V AC conforming to GB 14048.2<br>10 kA Icu at 415 V AC conforming to GB 14048.2<br>20 kA Icu at 240 V AC conforming to GB 14048.2<br>10 kA Icu at 125 V DC conforming to GB 14048.2<br>10 kA Icu at 125 V DC conforming to GB 14048.2<br>10 kA AIR at 25 V DC conforming to UL 489<br>10 kA AIR at 125 V DC conforming to UL 489<br>10 kA AIR at 240 V AC conforming to CSA C22.2 No 5.2<br>10 kA AIR at 125 V DC conforming to CSA C22.2 No 5.2 |  |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2  |  |

## Complementary

| Network frequency              | 50/60 Hz                              |  |
|--------------------------------|---------------------------------------|--|
| [Ue] rated operational voltage | 415 V AC                              |  |
|                                | 240 V AC                              |  |
|                                | 440 V AC                              |  |
|                                | 125 V DC                              |  |
| Magnetic tripping limit        | 12 x In +/- 20 % AC                   |  |
|                                | 17 x ln +/- 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 mode                          | Clip-on   |  |
| Mounting support                       | DIN rail  |  |
| 9 mm pitches                           | 4   |  |
| Height                                 | 107 mm  |  |
| Width                                  | 36 mm   |  |
| Depth                                  | 73 mm   |  |
| Net weight                             | 0.22 kg   |  |
| Colour                                 | Grey  |  |
| Mechanical durability                  | 20000 cycles  |  |
| Electrical durability                  | 10000 cycles  |  |
| Provision for padlocking               | Padlockable   |  |
| Connections - terminals                | Tunnel type terminal (top or bottom)2.535 mm² (AWG 14AWG 2) - rigid |  |
| Wire stripping length                  | 14 mm for top or bottom connection                                  |  |
| Tightening torque                      | 3.5 N.m top or bottom   |  |
|  |   |  |

# Environment

| Standards                             | GB 14048.2<br>EN/IEC 60947-2<br>UL 489<br>CSA C22.2 No 5                         |  |
|---------------------------------------|--|--|
| Product certifications                | CSA<br>CCC<br>IEC<br>UL  |  |
| 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 | -3070 °C   |  |
| Ambient air temperature for storage   | -4080 °C   |  |

# **Packing Units**

| Unit Type of Package 1       | PCE      |
|------------------------------|----------|
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 13 cm    |
| Package 1 Width              | 7.501 cm |
| Package 1 Length             | 4.001 cm |

Package 1 Weight

### **Contractual warranty**

Warranty

18 months

# Sustainability Screen Premium

**Green Premium<sup>TM</sup> label** is Schneider Electric's commitment to delivering products with best-inclass 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   |
|-----------------------|---|
|                       | 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 |