

# Product datasheet

Specifications



## Multi9 - C60 UL489 - MCB - 1P - 10 A - D Curve - 277 V - 10 kA - ring term

MGN61407

! Discontinued

! Discontinued on: 21 Mar 2019

! End-of-service on: 30 Jun 2021

### Main

|                           |                                                                                                                                                                                                            |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                     | Multi9                                                                                                                                                                                                     |
| Product name              | Multi9 C60                                                                                                                                                                                                 |
| Product or component type | Miniature circuit-breaker                                                                                                                                                                                  |
| Device short name         | C60 UL489                                                                                                                                                                                                  |
| Device application        | Distribution                                                                                                                                                                                               |
| Poles description         | 1P                                                                                                                                                                                                         |
| Number of protected poles | 1                                                                                                                                                                                                          |
| [In] rated current        | 10 A at 25 °C                                                                                                                                                                                              |
| Network type              | AC                                                                                                                                                                                                         |
| Trip unit technology      | Thermal-magnetic                                                                                                                                                                                           |
| Curve code                | D                                                                                                                                                                                                          |
| Breaking capacity         | 10 kA AIR at 277 V AC conforming to UL 489<br>10 kA AIR at 277 V AC conforming to CSA C22.2 No 5.2<br>10 kA Icu at 277 V AC conforming to EN/IEC 60947-2<br>10 kA Icu at 277 V AC conforming to GB 14048.2 |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2                                                                                                                                                                           |
| 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                                                                                                                                                                                    |

### Complementary

|                                        |                                       |
|----------------------------------------|---------------------------------------|
| Network frequency                      | 50/60 Hz                              |
| [Ue] rated operational voltage         | 277 V AC                              |
| Magnetic tripping limit                | 12 x In +/- 20 % AC                   |
| 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                                |

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

|                          |                               |
|--------------------------|-------------------------------|
| Local signalling         | ON/OFF indication             |
| Mounting mode            | Clip-on                       |
| Mounting support         | DIN rail                      |
| 9 mm pitches             | 2                             |
| Height                   | 141 mm                        |
| Width                    | 18 mm                         |
| Depth                    | 68.7 mm                       |
| Net weight               | 0.11 kg                       |
| Colour                   | Grey                          |
| Mechanical durability    | 20000 cycles                  |
| Electrical durability    | 10000 cycles                  |
| Provision for padlocking | Padlockable                   |
| Connections - terminals  | Ring terminal (top or bottom) |
| Tightening torque        | 2 N.m top or bottom           |

## Environment

|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
| IP degree of protection               | IP40 (modular enclosure) conforming to IEC 60529<br>IP10 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             | 2.032 cm  |
| Package 1 Width              | 7.366 cm  |
| Package 1 Length             | 14.478 cm |
| Package 1 Weight             | 163.293 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

Packaging made with recycled cardboard

Yes

SCIP Number

40a4e715-7fff-45ff-88bf-38212f6a80a5

EU RoHS Directive

[Compliant](#)

REACH Regulation

[Reference contains Substances of Very High Concern above the threshold](#)

Halogen-free status

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