

# Product data sheet

Specifications



## Multi9 - C60 UL489 - MCB - 1P - 8 A - D Curve - 277 V - 10 kA - tunnel term

MGN61340

! Discontinued

! Discontinued on: Nov 6, 2025

! End-of-service on: Dec 31, 2025

### 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        | 8 A 77 °F (25 °C)                                                                                                                      |
| Network type              | AC                                                                                                                                     |
| Trip unit technology      | Thermal-magnetic                                                                                                                       |
| Curve code                | D                                                                                                                                      |
| Breaking capacity         | 10 kA AIR 277 V AC UL 489<br>10 kA AIR 277 V AC CSA C22.2 No 5.2<br>10 kA Icu 277 V AC EN/IEC 60947-2<br>10 kA Icu 277 V AC GB 14048.2 |
| Suitability for isolation | Yes 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 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                  |

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                   | 5.6 in (141 mm)                                                                                                                                                                                      |
| Width                    | 0.7 in (18 mm)                                                                                                                                                                                       |
| Depth                    | 2.7 in (68.7 mm)                                                                                                                                                                                     |
| Net weight               | 0.24 lb(US) (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) - 1 0.002...0.002 in² (1...1.5 mm²) AWG 18...AWG 16) - rigid<br>Tunnel type terminal top or bottom) - 2 0.002...0.002 in² (1...1.5 mm²) AWG 18...AWG 16) - rigid |
| Tightening torque        | 7.08 lbf.in (0.8 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                    | 2000 m                                                                           |
| Ambient air temperature for operation | -22...158 °F (-30...70 °C)                                                       |
| Ambient air temperature for storage   | -40...176 °F (-40...80 °C)                                                       |

## Packing Units

|                              |                      |
|------------------------------|----------------------|
| Unit Type of Package 1       | PCE                  |
| Number of Units in Package 1 | 1                    |
| Package 1 Height             | 2.953 in (7.501 cm)  |
| Package 1 Width              | 0.709 in (1.801 cm)  |
| Package 1 Length             | 5.6 in (14.1 cm)     |
| Package 1 Weight             | 5.760 oz (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

[EU RoHS Directive](#)

Compliant

SCIP Number

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

REACH Regulation

[REACH Declaration](#)

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