

# Product data sheet

Specifications



## Miniature circuit breaker (MCB), Multi9 C60L, 1P, 10A, C curve, 25kA (IEC/EN 60947-2)

M9F17110

**Product availability: Non-Stock - Not normally stocked in  
distribution facility**

### Main

|                           |                                                                                                                                                                                    |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                     | Multi9                                                                                                                                                                             |
| Product name              | Multi9 C60                                                                                                                                                                         |
| Product or Component Type | Miniature circuit-breaker                                                                                                                                                          |
| Device short name         | C60L                                                                                                                                                                               |
| Device Application        | Distribution                                                                                                                                                                       |
| Poles description         | 1P                                                                                                                                                                                 |
| Number of protected poles | 1                                                                                                                                                                                  |
| Line Rated Current        | 10 A 122 °F (50 °C) EN/IEC 60947-2                                                                                                                                                 |
| Network type              | AC<br>DC                                                                                                                                                                           |
| Network Frequency         | 50/60 Hz                                                                                                                                                                           |
| Trip unit technology      | Thermal-magnetic                                                                                                                                                                   |
| Curve code                | C                                                                                                                                                                                  |
| Breaking capacity         | 25 kA Icu <= 72 V DC EN/IEC 60947-2<br>3 kA Icu 415 V AC 50/60 Hz between phase and neutral EN/IEC 60947-2<br>25 kA Icu 240 V AC 50/60 Hz between phase and neutral EN/IEC 60947-2 |
| Utilisation category      | Category A EN/IEC 60947-2                                                                                                                                                          |
| Standards                 | EN/IEC 60947-2                                                                                                                                                                     |
| Product certifications    | EAC<br>CCC                                                                                                                                                                         |

### Complementary

|                                        |                                                                                                                                              |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| [Ue] rated operational voltage         | 240 V AC 50/60 Hz between phase and neutral<br>415 V AC 50/60 Hz between phase and neutral<br><= 72 V DC                                     |
| Magnetic tripping limit                | 8.5 x In +/- 20 % AC<br>12 x In +/- 20 % DC                                                                                                  |
| [Ics] rated service breaking capacity  | 1.5 kA 50 % EN/IEC 60947-2 - 415 V AC 50/60 Hz<br>12.5 kA 50 % EN/IEC 60947-2 - 240 V AC 50/60 Hz<br>25 kA 100 % EN/IEC 60947-2 - <= 72 V DC |
| Limitation class                       | 3                                                                                                                                            |
| [Ui] rated insulation voltage          | 500 V AC 50/60 Hz EN/IEC 60947-2                                                                                                             |
| [Uimp] rated impulse withstand voltage | 6 kVEN/IEC 60947-2                                                                                                                           |
| Suitability for isolation              | Yes EN/IEC 60947-2                                                                                                                           |
| Contact position indicator             | Yes                                                                                                                                          |
| Control Type                           | Toggle                                                                                                                                       |

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

|                          |                                                                                                                                                                                                                                                        |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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                    | 2.8 in (72 mm)                                                                                                                                                                                                                                         |
| Product Weight           | 0.26 lb(US) (0.12 kg)                                                                                                                                                                                                                                  |
| color                    | Gray                                                                                                                                                                                                                                                   |
| Mechanical durability    | 20000 cycles                                                                                                                                                                                                                                           |
| Electrical durability    | 10000 cycles                                                                                                                                                                                                                                           |
| Provision for padlocking | Padlockable                                                                                                                                                                                                                                            |
| Connections - terminals  | Tunnel type terminal top or bottom) 0.002...0.04 in² (1...25 mm²) - rigid<br>Tunnel type terminal top or bottom) 0.002...0.04 in² (1...25 mm²) - flexible<br>Tunnel type terminal top or bottom) 0.002...0.04 in² (1...25 mm²) - flexible with ferrule |
| Wire stripping length    | 0.6 in (14 mm) for top or bottom connection                                                                                                                                                                                                            |
| Tightening torque        | 17.7 lbf.in (2 N.m) top or bottom                                                                                                                                                                                                                      |
| Earth-leakage protection | Separate block                                                                                                                                                                                                                                         |

## 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)                                                              |
| 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          | US10DE200908  |
| Discount Schedule | 0DE2          |
| GTIN              | 3606480577956 |
| Returnability     | No            |
| Country of origin | FR            |

## Packing Units

|                        |                      |
|------------------------|----------------------|
| Unit Type of Package 1 | PCE                  |
| Nbr. of units in pkg.  | 1                    |
| Package 1 Height       | 2.756 in (7.000 cm)  |
| Package 1 Width        | 0.709 in (1.800 cm)  |
| Package 1 Length       | 3.346 in (8.500 cm)  |
| Package weight(Lbs)    | 3.845 oz (109.000 g) |

|                              |                           |
|------------------------------|---------------------------|
| Unit Type of Package 2       | BB1                       |
| Number of Units in Package 2 | 12                        |
| Package 2 Height             | 3.071 in (7.800 cm)       |
| Package 2 Width              | 3.543 in (9.000 cm)       |
| Package 2 Length             | 8.858 in (22.500 cm)      |
| Package 2 Weight             | 2.983 lb(US) (1.353 kg)   |
| Unit Type of Package 3       | S03                       |
| Number of Units in Package 3 | 144                       |
| Package 3 Height             | 11.811 in (30.000 cm)     |
| Package 3 Width              | 11.811 in (30.000 cm)     |
| Package 3 Length             | 15.748 in (40.000 cm)     |
| Package 3 Weight             | 36.868 lb(US) (16.723 kg) |

## 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

|                                                        |                                               |
|--------------------------------------------------------|-----------------------------------------------|
| Total lifecycle Carbon footprint                       | 11 kg CO2 eq.                                 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.8 kg CO2 eq.                                |
| Carbon footprint of the distribution phase [A4]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the installation phase [A5]        | 0 kg CO2 eq.                                  |
| Carbon footprint of the use phase [B2, B3, B4, B6]     | 10 kg CO2 eq.                                 |
| Carbon footprint of the end-of-life phase [C1 to C4]   | 0.3 kg CO2 eq.                                |
| Environmental Disclosure                               | <a href="#">Product Environmental Profile</a> |

## Use Better



### Materials and Substances

|                                        |                                                                                                                                                                                                                                                               |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging made with recycled cardboard | Yes                                                                                                                                                                                                                                                           |
| Packaging without single use plastic   | Yes                                                                                                                                                                                                                                                           |
| SCIP Number                            | 40a4e715-7fff-45ff-88bf-38212f6a80a5                                                                                                                                                                                                                          |
| EU RoHS Directive                      | <a href="#">Compliant</a>                                                                                                                                                                                                                                     |
| REACH Regulation                       | <a href="#">Reference contains Substances of Very High Concern above the threshold</a>                                                                                                                                                                        |
| California proposition 65              | WARNING: This product can expose you to chemicals including: DIDP, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |
| Halogen content performance            | Halogen free plastic parts product                                                                                                                                                                                                                            |
| PVC free                               | Yes                                                                                                                                                                                                                                                           |
| Silicon free                           | No                                                                                                                                                                                                                                                            |

## Use Longer



### Lifetime extension

|        |    |
|--------|----|
| Repair | No |
|--------|----|

## Use Again



### Repack and remanufacture

|                               |                                          |
|-------------------------------|------------------------------------------|
| Recyclability potential, in % | 56                                       |
| Circularity Profile           | No need of specific recycling operations |
| Take-back                     | No                                       |

WEEE Label



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