

# Product datasheet

Specifications



## Multi 9 - C60BP - MCB - 2P - 6 A - C Curve - 480Y/277 V - 10 kA - UL 489

M9F42206

EAN Code: 3606481169808

### Main

|                           |  |
|---------------------------|--|
| Range                     | Multi9   |
| Product name              | Multi9 C60   |
| Product or component type | Miniature circuit-breaker  |
| Device short name         | C60BP  |
| Device application        | Distribution   |
| Poles description         | 2P   |
| Number of protected poles | 2  |
| [In] rated current        | 6 A at 25 °C conforming to EN/IEC 60947-2  |
| Network type              | DC<br>AC   |
| Trip unit technology      | Thermal-magnetic   |
| Curve code                | C  |
| 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 440 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>14 kA AIR at 240 V AC conforming to UL 489<br>10 kA AIR at 125 V DC conforming to UL 489<br>10 kA AIR at 480Y/277 V AC conforming to UL 489<br>14 kA AIR at 240 V AC conforming to CSA C22.2 No 5<br>10 kA AIR at 480Y/277 V AC conforming to CSA C22.2 No 5<br>10 kA AIR at 125 V DC conforming to CSA C22.2 No 5 |
| Standards                 | EN/IEC 60947-2<br>GB 14048.2<br>UL 489<br>CSA C22.2 No 5   |
| Product certifications    | IEC<br>CCC<br>CSA<br>UL  |

### Complementary

|                                |   |
|--------------------------------|---|
| [Ue] rated operational voltage | 240 V AC 50/60 Hz<br>415 V AC 50/60 Hz<br>440 V AC 50/60 Hz |
| Magnetic tripping limit        | 8.5 x In +/- 20 % AC<br>12 x In +/- 20 % DC                 |

|   |  |
|---|--|
| <b>[Ics] rated service breaking capacity</b>  | 4.5 kA 75 % conforming to EN/IEC 60947-2 - 440 V AC<br>7.5 kA 75 % conforming to EN/IEC 60947-2 - 415 V AC<br>15 kA 75 % conforming to EN/IEC 60947-2 - 240 V AC<br>4.5 kA 75 % conforming to GB 14048.2 - 440 V AC<br>7.5 kA 75 % conforming to GB 14048.2 - 415 V AC<br>15 kA 75 % conforming to GB 14048.2 - 240 V AC |
| <b>[Ui] rated insulation voltage</b>          | 500 V AC conforming to EN/IEC 60947-2  |
| <b>[Uimp] rated impulse withstand voltage</b> | 6 kV conforming to EN/IEC 60947-2  |
| <b>Suitability for isolation</b>              | Yes conforming to EN/IEC 60947-2   |
| <b>Contact position indicator</b>             | Yes  |
| <b>Control type</b>                           | Toggle   |
| <b>Local signalling</b>                       | ON/OFF indication  |
| <b>Mounting mode</b>                          | Clip-on  |
| <b>Mounting support</b>                       | DIN rail   |
| <b>9 mm pitches</b>                           | 4  |
| <b>Height</b>                                 | 103 mm   |
| <b>Width</b>                                  | 36 mm  |
| <b>Depth</b>                                  | 72 mm  |
| <b>Colour</b>                                 | Grey   |
| <b>Mechanical durability</b>                  | 20000 cycles   |
| <b>Electrical durability</b>                  | 10000 cycles   |
| <b>Provision for padlocking</b>               | Padlockable  |
| <b>Connections - terminals</b>                | Tunnel type terminal (top or bottom)1...25 mm <sup>2</sup> (AWG 18...AWG 8) - rigid<br>Tunnel type terminal (top or bottom)1...16 mm <sup>2</sup> (AWG 18...AWG 8) - flexible with ferrule<br>Tunnel type terminal (top or bottom)1...16 mm <sup>2</sup> (AWG 18...AWG 8) - flexible                                     |
| <b>Wire stripping length</b>                  | 14 mm for top or bottom connection   |
| <b>Tightening torque</b>                      | 2.5 N.m top or bottom  |
| <b>Earth-leakage protection</b>               | Without  |

## Environment

|  |  |
|--|--|
| <b>IP degree of protection</b>               | IP20 conforming to IEC 60529<br>IP40 (modular enclosure) conforming to IEC 60529 |
| <b>Pollution degree</b>                      | 3 conforming to EN/IEC 60947-2   |
| <b>Tropicalisation</b>                       | 2 conforming to IEC 60068-1  |
| <b>Relative humidity</b>                     | 95 % at 55 °C  |
| <b>Operating altitude</b>                    | 0...2000 m   |
| <b>Ambient air temperature for operation</b> | -30...70 °C  |
| <b>Ambient air temperature for storage</b>   | -40...80 °C  |

## Packing Units

|                                     |          |
|-------------------------------------|----------|
| <b>Unit Type of Package 1</b>       | PCE      |
| <b>Number of Units in Package 1</b> | 1        |
| <b>Package 1 Height</b>             | 7.500 cm |
| <b>Package 1 Width</b>              | 3.600 cm |

|                              |           |
|------------------------------|-----------|
| Package 1 Length             | 10.300 cm |
| Package 1 Weight             | 240.000 g |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 6         |
| Package 2 Height             | 11.000 cm |
| Package 2 Width              | 10.800 cm |
| Package 2 Length             | 22.000 cm |
| Package 2 Weight             | 1.496 kg  |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 54        |
| Package 3 Height             | 30.000 cm |
| Package 3 Width              | 30.000 cm |
| Package 3 Length             | 40.000 cm |
| Package 3 Weight             | 14.050 kg |

## Logistical informations

|                   |    |
|-------------------|----|
| Country of origin | FR |
|-------------------|----|

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|



## 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 | 15  |
| 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                                  |
| <a href="#">EU RoHS Directive</a>      | Compliant                            |
| SCIP Number                            | 40a4e715-7fff-45ff-88bf-38212f6a80a5 |
| REACH Regulation                       | <a href="#">REACH Declaration</a>    |

### Use Again

#### Repack and remanufacture

|                                 |   |
|---------------------------------|---|
| End of life manual availability | 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 |