

# Product datasheet

Specifications



## Multi9 - C60SP - MCB - 3P - 6 A - C Curve - 480Y/277 V - 10 kA - UL 1077

M9F22306

EAN Code: 3606481168573

### Main

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                     | Multi9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Product Name              | Multi9 C60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product Or Component Type | Miniature circuit-breaker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Device Short Name         | C60SP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Device Application        | Distribution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Poles Description         | 3P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Number Of Protected Poles | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| [In] Rated Current        | 6 A at 25 °C conforming to EN/IEC 60947-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Network Type              | AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Trip Unit Technology      | Thermal-magnetic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Curve Code                | C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Breaking Capacity         | 14 kA AIR at 240 V AC conforming to UL 1077<br>14 kA AIR at 240 V AC conforming to CSA C22.2 No 235<br>10 kA AIR at 480Y/277 V AC conforming to UL 1077<br>10 kA AIR at 480Y/277 V AC conforming to CSA C22.2 No 235<br>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 |
| Suitability For Isolation | Yes conforming to EN/IEC 60947-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Standards                 | EN/IEC 60947-2<br>GB 14048.2<br>UL 1077<br>CSA C22.2 No 235                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Product Certifications    | IEC<br>CCC<br>UR<br>CSA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

### 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                                                                                                                                                                                                                                                                                                     |
| [Ics] Rated Service Breaking Capacity | 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 |

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

|                                        |                                                                                                                                                                                                                                                  |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [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                           | 6                                                                                                                                                                                                                                                |
| Height                                 | 81 mm                                                                                                                                                                                                                                            |
| Width                                  | 54 mm                                                                                                                                                                                                                                            |
| Depth                                  | 72 mm                                                                                                                                                                                                                                            |
| Colour                                 | Grey                                                                                                                                                                                                                                             |
| Mechanical Durability                  | 20000 cycles                                                                                                                                                                                                                                     |
| Electrical Durability                  | 10000 cycles                                                                                                                                                                                                                                     |
| Provision For Padlocking               | Padlockable                                                                                                                                                                                                                                      |
| Connections - Terminals                | Tunnel type terminal (top or bottom)1...25 mm² (AWG 18...AWG 8) - rigid<br>Tunnel type terminal (top or bottom)1...16 mm² (AWG 18...AWG 8) - flexible with ferrule<br>Tunnel type terminal (top or bottom)1...16 mm² (AWG 18...AWG 8) - flexible |
| Wire Stripping Length                  | 14 mm for top or bottom connection                                                                                                                                                                                                               |
| Tightening Torque                      | 2.5 N.m top or bottom                                                                                                                                                                                                                            |
| Earth-Leakage Protection               | Without                                                                                                                                                                                                                                          |

## Environment

|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
| 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                                                   |
| Tropicalisation                       | 2 conforming to IEC 60068-1                                                      |
| Relative Humidity                     | 95 % at 55 °C                                                                    |
| Operating Altitude                    | 0...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             | 7.5 cm  |
| Package 1 Width              | 5.4 cm  |
| Package 1 Length             | 8.5 cm  |
| Package 1 Weight             | 339.0 g |
| Unit Type Of Package 2       | BB1     |
| Number Of Units In Package 2 | 4       |
| Package 2 Height             | 8.0 cm  |

|                              |           |
|------------------------------|-----------|
| Package 2 Width              | 8.8 cm    |
| Package 2 Length             | 22.5 cm   |
| Package 2 Weight             | 1.399 kg  |
| Unit Type Of Package 3       | S03       |
| Number Of Units In Package 3 | 48        |
| Package 3 Height             | 30.0 cm   |
| Package 3 Width              | 30.0 cm   |
| Package 3 Length             | 40.0 cm   |
| Package 3 Weight             | 17.289 kg |

## Contractual warranty

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

Sustainability



**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class 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.

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Transparency   RoHS/REACH

## Well-being performance

|                                                                                                              |     |
|--------------------------------------------------------------------------------------------------------------|-----|
|  Mercury Free               |     |
|  Rohs Exemption Information | Yes |
|  Halogen Free Product       |     |

## Certifications & Standards

|                          |                                                                                                                             |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Reach Regulation         | <a href="#">REACH Declaration</a>                                                                                           |
| Eu Rohs Directive        | Compliant with Exemptions                                                                                                   |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>                                                                               |
| Weee                     | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Circularity Profile      | No need of specific recycling operations                                                                                    |