



### Main

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|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                     | Multi 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product name              | Multi 9 C60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Product or component type | Miniature circuit-breaker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Device short name         | C60SP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Device application        | Distribution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Poles description         | 1P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Number of protected poles | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| [In] rated current        | 1 A at 25 °C conforming to EN/IEC 60947-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Network type              | DC<br>AC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Trip unit technology      | Thermal-magnetic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Curve code                | D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Breaking capacity         | 10 KA AIR at 277 V AC conforming to UL 1077<br>14 KA AIR at 240 V AC conforming to UL 1077<br>14 KA AIR at 120 V AC conforming to UL 1077<br>10 KA AIR at 65 V DC conforming to UL 1077<br>10 KA AIR at 277 V AC conforming to CSA C22.2 No 235<br>14 KA AIR at 240 V AC conforming to CSA C22.2 No 235<br>14 KA AIR at 120 V AC conforming to CSA C22.2 No 235<br>10 KA AIR at 65 V DC conforming to CSA C22.2 No 235<br>3 KA Icu at 415 V AC conforming to EN/IEC 60947-2<br>10 KA Icu at 240 V AC conforming to EN/IEC 60947-2<br>20 KA Icu at 60 V DC conforming to EN/IEC 60947-2<br>3 KA Icu at 415 V AC conforming to GB 14048.2<br>10 KA Icu at 240 V AC conforming to GB 14048.2<br>20 kA Icu at 60 V DC 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Complementary

|                                        |                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Ue] rated operational voltage         | 240 V AC 50/60 Hz<br>415 V AC 50/60 Hz<br>60 V DC                                                                                                                                                                                                                                                                          |
| Magnetic tripping limit                | 12 x I <sub>n</sub> +/- 20 % AC<br>17 x I <sub>n</sub> +/- 20 % DC                                                                                                                                                                                                                                                         |
| [Ics] rated service breaking capacity  | 2.25 KA 75 % conforming to EN/IEC 60947-2 - 415 V AC<br>7.5 KA 75 % conforming to EN/IEC 60947-2 - 240 V AC<br>20 KA 100 % conforming to EN/IEC 60947-2 - 60 V DC<br>2.25 KA 75 % conforming to GB 14048.2 - 415 V AC<br>7.5 KA 75 % conforming to GB 14048.2 - 240 V AC<br>20 KA 100 % conforming to GB 14048.2 - 60 V DC |
| [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                           | 2                                                                                                                                                                                                                                                                                                                          |
| Height                                 | 81 mm                                                                                                                                                                                                                                                                                                                      |
| Width                                  | 18 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 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                                       |
| 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 Weight             | 116 g    |
| Package 1 Height             | 1.8 cm   |
| Package 1 width              | 7.5 cm   |
| Package 1 Length             | 8.5 cm   |
| Unit Type of Package 2       | BB1      |
| Number of Units in Package 2 | 12       |
| Package 2 Weight             | 1.442 kg |
| Package 2 Height             | 9 cm     |
| Package 2 width              | 8 cm     |
| Package 2 Length             | 23 cm    |

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 144       |
| Package 3 Weight             | 17.791 kg |
| Package 3 Height             | 30 cm     |
| Package 3 width              | 30 cm     |
| Package 3 Length             | 40 cm     |

### Offer Sustainability

|                             |                                                                                                                                 |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status    | Green Premium product                                                                                                           |
| REACH Regulation            | <a href="#"> REACH Declaration</a>             |
| EU RoHS Directive           | Compliant <a href="#"> EU RoHS Declaration</a> |
| Mercury free                | Yes                                                                                                                             |
| RoHS exemption information  | <a href="#"> Yes</a>                           |
| China RoHS Regulation       | <a href="#"> China RoHS Declaration</a>        |
| 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     |
| Halogen content performance | Halogen free product                                                                                                            |