



### 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         | 2P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Number of protected poles | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| [In] rated current        | 13 A at 25 °C conforming to EN/IEC 60947-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Network type              | AC<br>DC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Trip unit technology      | Thermal-magnetic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Curve code                | B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 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 125 V DC conforming to UL 1077<br>10 KA AIR at 480Y/277 V AC conforming to CSA C22.2 No 235<br>10 KA AIR at 125 V DC 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                | 4 x In +/- 20 % AC<br>5.7 x In +/- 20 % DC                                                                                                                                                                                                                                                                               |
| [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 |
| [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               | 4                                                                                                                                                                                                                                                                                    |
| Height                     | 81 mm                                                                                                                                                                                                                                                                                |
| Width                      | 36 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             | 223 g     |
| Package 1 Height             | 7.5 cm    |
| Package 1 width              | 3.6 cm    |
| Package 1 Length             | 8.5 cm    |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 6         |
| Package 2 Weight             | 1.393 kg  |
| Package 2 Height             | 22 cm     |
| Package 2 width              | 8 cm      |
| Package 2 Length             | 9 cm      |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 72        |
| Package 3 Weight             | 17.203 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                                                                                                            |