



### Main

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                     | Multi 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product name              | Multi 9 C60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Product or component type | Miniature circuit-breaker                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Device short name         | C60BPR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Device application        | Distribution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Poles description         | 1P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Number of protected poles | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| [In] rated current        | 45 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         | 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<br>10 KA AIR at 60 V DC conforming to UL 489<br>10 KA AIR at 240 V AC conforming to UL 489<br>10 KA AIR at 120 V AC conforming to UL 489<br>10 KA AIR at 60 V DC conforming to CSA C22.2 No 5<br>10 KA AIR at 240 V AC conforming to CSA C22.2 No 5<br>10 KA AIR at 120 V AC conforming to CSA C22.2 No 5 |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 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>60 V DC                                                                                                                                                                                                                                                                        |
| Magnetic tripping limit                | 8.5 x In +/- 20 % AC<br>12 x In +/- 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>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>15 KA 75 % conforming to GB 14048.2 - 60 V DC<br>15 KA 75 % conforming to EN/IEC 60947-2 - 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                   | 127 mm                        |
| Width                    | 18 mm                         |
| Depth                    | 72 mm                         |
| Colour                   | Grey                          |
| Mechanical durability    | 20000 cycles                  |
| Electrical durability    | 10000 cycles                  |
| Provision for padlocking | Padlockable                   |
| Connections - terminals  | Ring terminal (top or bottom) |
| Tightening torque        | 2 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                                                   |
| Overvoltage category                  | IV                                                                               |
| 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             | 158 g     |
| Package 1 Height             | 1.8 cm    |
| Package 1 width              | 7.5 cm    |
| Package 1 Length             | 12.7 cm   |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 12        |
| Package 2 Weight             | 1.971 kg  |
| Package 2 Height             | 22 cm     |
| Package 2 width              | 8 cm      |
| Package 2 Length             | 13 cm     |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 96        |
| Package 3 Weight             | 16.255 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                                                                                                           |