

Product datasheet

Specifications



Miniature circuit breaker (MCB), Multi9 C60SP, 1P, 13A, D curve, 10kA (UL1077), 10kA (IEC/EN 60947-2)

M9F23113

Main

| | |
|---------------------------|--|
| Range | Multi9 |
| Product name | Multi9 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 | 13 A at 25 °C conforming to EN/IEC 60947-2 |
| Network type | DC AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | D |
| Breaking capacity | 10 kA AIR at 277 V AC conforming to UL 1077 14 kA AIR at 240 V AC conforming to UL 1077 14 kA AIR at 120 V AC conforming to UL 1077 10 kA AIR at 65 V DC conforming to UL 1077 10 kA AIR at 277 V AC conforming to CSA C22.2 No 235 14 kA AIR at 240 V AC conforming to CSA C22.2 No 235 14 kA AIR at 120 V AC conforming to CSA C22.2 No 235 10 kA AIR at 65 V DC conforming to CSA C22.2 No 235 3 kA Icu at 415 V AC conforming to EN/IEC 60947-2 10 kA Icu at 240 V AC conforming to EN/IEC 60947-2 20 kA Icu at 60 V DC conforming to EN/IEC 60947-2 3 kA Icu at 415 V AC conforming to GB 14048.2 10 kA Icu at 240 V AC conforming to GB 14048.2 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 GB 14048.2 UL 1077 CSA C22.2 No 235 |
| Product certifications | IEC CCC UR CSA |

Complementary

| | |
|--------------------------------|---|
| [Ue] rated operational voltage | 240 V AC 50/60 Hz 415 V AC 50/60 Hz 60 V DC |
| Magnetic tripping limit | 12 x In +/- 20 % AC 17 x In +/- 20 % DC |

| | |
|---|--|
| [Ics] rated service breaking capacity | 2.25 kA 75 % conforming to EN/IEC 60947-2 - 415 V AC 7.5 kA 75 % conforming to EN/IEC 60947-2 - 240 V AC 20 kA 100 % conforming to EN/IEC 60947-2 - 60 V DC 2.25 kA 75 % conforming to GB 14048.2 - 415 V AC 7.5 kA 75 % conforming to GB 14048.2 - 240 V AC 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 ² (AWG 18...AWG 8) - rigid Tunnel type terminal (top or bottom)1...16 mm ² (AWG 18...AWG 8) - flexible with ferrule Tunnel type terminal (top or bottom)1...16 mm ² (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 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 | 1.8 cm |
| Package 1 Width | 7.5 cm |
| Package 1 Length | 8.5 cm |

| | |
|-------------------------------------|----------|
| Package 1 Weight | 111.0 g |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 12 |
| Package 2 Height | 8.0 cm |
| Package 2 Width | 8.8 cm |
| Package 2 Length | 22.5 cm |
| Package 2 Weight | 1.38 kg |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 72 |
| Package 3 Height | 30.0 cm |
| Package 3 Width | 30.0 cm |
| Package 3 Length | 40.0 cm |
| Package 3 Weight | 8.815 kg |

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-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)

Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant
[EU RoHS Declaration](#)

China Rohs Regulation [China RoHS declaration](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
