# Product datasheet

Specifications



## Multi9 - C60N - MCB - 1P - 2 A - D Curve - 240 V - 10 kA

M9F12102

**EAN Code: 3606480576591**

## Main

| | |
|---|---|
| **Range** | Multi9 |
| **Product name** | Multi9 C60 |
| **Product or component type** | Miniature circuit-breaker |
| **Device short name** | C60N |
| **Device application** | Distribution |
| **Poles description** | 1P |
| **Number of protected poles** | 1 |
| **[In] rated current** | 2 A at 50 °C conforming to EN/IEC 60947-2 |
| **Network type** | AC<br>DC |
| **Network frequency** | 50/60 Hz |
| **Trip unit technology** | Thermal-magnetic |
| **Curve code** | D |
| **Breaking capacity** | 15 kA Icu at <= 72 V DC conforming to EN/IEC 60947-2<br>10 kA Icu at 240 V AC 50/60 Hz between phase and neutral conforming to EN/IEC 60947-2<br>3 kA Icu at 415 V AC 50/60 Hz between phase and neutral conforming to EN/IEC 60947-2 |
| **Utilisation category** | Category A conforming to EN/IEC 60947-2 |
| **Standards** | EN/IEC 60947-2 |
| **Product certifications** | EAC<br>KC<br>CCC |
| **Quality labels** | UKCA<br>RCM |

## Complementary

| | |
|---|---|
| **[Ue] rated operational voltage** | 240 V AC 50/60 Hz between phase and neutral<br>415 V AC 50/60 Hz between phase and neutral<br><= 72 V DC |
| **Magnetic tripping limit** | 12 x In +/- 20 % AC<br>17 x In +/- 20 % DC |
| **[Ics] rated service breaking capacity** | 7.5 kA 75 % conforming to EN/IEC 60947-2 - 240 V AC 50/60 Hz<br>2.25 kA 75 % conforming to EN/IEC 60947-2 - 415 V AC 50/60 Hz<br>15 kA 100 % conforming to EN/IEC 60947-2 - <= 72 V DC |
| **Limitation class** | 3 |
| **[Ui] rated insulation voltage** | 500 V AC 50/60 Hz conforming to EN/IEC 60947-2 |

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

| | |
|---|---|
| **[Uimp] rated impulse withstand voltage** | 6 kV conforming to EN/IEC 60947-2 |
| **Suitability for isolation** | Yes 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 |
| **Net weight** | 0.12 kg |
| **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 - rigid<br>Tunnel type terminal (top or bottom)1…25 mm² - flexible<br>Tunnel type terminal (top or bottom)1…25 mm² - flexible with ferrule |
| **Wire stripping length** | 14 mm for top or bottom connection |
| **Tightening torque** | 2 N.m top or bottom |
| **Earth-leakage protection** | Separate block |

## 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 |
| **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** | 7.500 cm |
| **Package 1 Width** | 1.800 cm |
| **Package 1 Length** | 8.500 cm |
| **Package 1 Weight** | 106.000 g |
| **Unit Type of Package 2** | BB1 |
| **Number of Units in Package 2** | 12 |

| | |
|---|---|
| **Package 2 Height** | 8.000 cm |
| **Package 2 Width** | 8.800 cm |
| **Package 2 Length** | 22.000 cm |
| **Package 2 Weight** | 1.320 kg |
| **Unit Type of Package 3** | S03 |
| **Number of Units in Package 3** | 144 |
| **Package 3 Height** | 30.000 cm |
| **Package 3 Width** | 30.000 cm |
| **Package 3 Length** | 40.000 cm |
| **Package 3 Weight** | 16.553 kg |

## Logistical informations

| | |
|---|---|
| **Country of origin** | BG |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **10** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **Yes** |
| EU RoHS Directive | **Compliant** |
| SCIP Number | **40a4e715-7fff-45ff-88bf-38212f6a80a5** |
| REACh Regulation | **REACh Declaration** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| End of life manual availability | **No need of specific recycling operations** |
| Take-back | **No** |
| WEEE Label | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins** |

Image of product / Alternate images

**Alternative**

