

Product data sheet

Specifications



Multi9 - C60 UL489 - MCB - 1P - 15 A - C Curve - 277 V - 10 kA - tunnel term

MGN61309

! Discontinued on: 30 June 2021

! Discontinued

Main

| | |
|---------------------------|--|
| Range | Multi9 |
| Product name | Multi9 C60 |
| Product or component type | Miniature circuit-breaker |
| Device short name | C60 UL489 |
| Device application | Distribution |
| Poles description | 1P |
| Number of protected poles | 1 |
| [In] rated current | 15 A at 25 °C |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | 10 kA AIR at 277 V AC conforming to UL 489 10 kA AIR at 277 V AC conforming to CSA C22.2 No 5.2 10 kA Icu at 277 V AC conforming to EN/IEC 60947-2 10 kA Icu at 277 V AC conforming to GB 14048.2 |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2 |

Complementary

| | |
|--|---------------------------------------|
| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | 277 V AC |
| Magnetic tripping limit | 8.5 x In +/- 20 % AC |
| Limitation class | 3 conforming to EN/IEC 60947-2 |
| [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 | 141 mm |
| Width | 18 mm |
| Depth | 68.7 mm |
| Net weight | 0.11 kg |
| Colour | Grey |
| Mechanical durability | 20000 cycles |
| Electrical durability | 10000 cycles |
| Provision for padlocking | Padlockable |
| Connections - terminals | Tunnel type terminal (top or bottom) - 1 cable(s) 2.5...6 mm ² (AWG 14...AWG 10) - rigid Tunnel type terminal (top or bottom) - 2 cable(s) 2.5...6 mm ² (AWG 14...AWG 10) - rigid |
| Tightening torque | 1.6 N.m top or bottom |

Environment

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|---------------------------------------|--|
| Standards | GB 14048.2 EN/IEC 60947-2 UL 489 CSA C22.2 No 5 |
| Product certifications | CSA CCC IEC UL |
| 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 |
| Overvoltage category | IV |
| Tropicalisation | 2 conforming to IEC 60068-1 |
| Relative humidity | 95 % at 55 °C |
| Operating altitude | 2000 m |
| Ambient air temperature for operation | -30...70 °C |
| Ambient air temperature for storage | -40...80 °C |

Packing Units

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|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 2.032 cm |
| Package 1 Width | 7.366 cm |
| Package 1 Length | 14.224 cm |
| Package 1 Weight | 172.365 g |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| RoHS exemption information | Yes |

Environmental Disclosure [Product Environmental Profile](#)

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

Contractual warranty

Warranty 18 months

Recommended replacement(s)

MGN61309 is replaced by:

1x



Miniature circuit breaker (MCB), Multi9 C60BP, 1P, 15A, C curve, 14kA (UL489), 10kA (IEC/EN 60947-2)

M9F42115
