

M9F11401

Miniature circuit breaker (MCB), Multi9 C60N,
4P, 1A, C curve, 10kA (IEC/EN 60947-2)



Main

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|---------------------------|--|
| Range | Multi9 |
| Product name | Multi9 C60 |
| Product or component type | Miniature circuit-breaker |
| Device short name | C60N |
| Device application | Distribution |
| Poles description | 4P |
| Number of protected poles | 4 |
| [In] rated current | 1 A at 50 °C conforming to EN/IEC 60947-2 |
| Network type | DC AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | 40 KA Icu at <= 250 V DC conforming to EN/IEC 60947-2 10 KA Icu at 415 V AC 50/60 Hz between phases conforming to EN/IEC 60947-2 20 KA Icu at 240 V AC 50/60 Hz between phases conforming to EN/IEC 60947-2 6 kA Icu at 440 V AC 50/60 Hz between phases conforming to EN/IEC 60947-2 |
| Utilisation category | Category A conforming to EN/IEC 60947-2 |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2 |
| Standards | EN/IEC 60947-2 |
| Product certifications | EAC CCC |

Complementary

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| Network frequency | 50/60 Hz |
| [Ue] rated operational voltage | 240 V AC 50/60 Hz between phases 415 V AC 50/60 Hz between phases 440 V AC 50/60 Hz between phases <= 250 V DC |
| Magnetic tripping limit | 8.5 x In +/- 20 % AC 12 x In +/- 20 % DC |
| [Ics] rated service breaking capacity | 7.5 KA 75 % conforming to EN/IEC 60947-2 - 415 V AC 50/60 Hz 16 KA 75 % conforming to EN/IEC 60947-2 - 240 V AC 50/60 Hz 4.5 KA 75 % conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 40 kA 100 % conforming to EN/IEC 60947-2 - <= 250 V DC |
| Limitation class | 3 |
| [Ui] rated insulation voltage | 500 V AC 50/60 Hz 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 | 8 |
| Height | 81 mm |
| Width | 72 mm |
| Depth | 72 mm |

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|--------------------------|---|
| Net weight | 0.48 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 mm ² - rigid Tunnel type terminal (top or bottom)1...25 mm ² - flexible Tunnel type terminal (top or bottom)1...25 mm ² - 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

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| Heat dissipation | 9.2 W at 415 V - 1 A |
| 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 |
| 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 | 7.5 cm |
| Package 1 Width | 7.2 cm |
| Package 1 Length | 8.5 cm |
| Package 1 Weight | 436.0 g |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 3 |
| Package 2 Height | 8.0 cm |
| Package 2 Width | 8.7 cm |
| Package 2 Length | 22.0 cm |
| Package 2 Weight | 1.351 kg |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 36 |
| Package 3 Height | 30.0 cm |
| Package 3 Width | 30.0 cm |
| Package 3 Length | 40.0 cm |
| Package 3 Weight | 16.807 kg |

Contractual warranty

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| Warranty | 18 Monate |
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