



Main

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| Range | Multi9 |
| Product name | Multi9 C60 |
| Product or Component Type | Miniature circuit-breaker |
| Device short name | C60L |
| Device Application | Distribution |
| Poles description | 4P |
| Number of protected poles | 4 |
| Line Rated Current | 20 A 122 °F (50 °C) EN/IEC 60947-2 |
| Network type | AC DC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | 60 KA I _{cu} ≤ 250 V DC EN/IEC 60947-2 50 KA I _{cu} 240 V AC 50/60 Hz between phases EN/IEC 60947-2 25 KA I _{cu} 415 V AC 50/60 Hz between phases EN/IEC 60947-2 20 kA I _{cu} 440 V AC 50/60 Hz between phases EN/IEC 60947-2 |
| Utilisation category | Category A EN/IEC 60947-2 |
| Suitability for isolation | Yes EN/IEC 60947-2 |
| Standards | EN/IEC 60947-2 |
| Product certifications | EAC[RETURN]CCC |

Complementary

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| Network Frequency | 50/60 Hz |
| [U _e] 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 I _n +/- 20 % AC 12 x I _n +/- 20 % DC |
| [I _{cs}] rated service breaking capacity | 25 KA 50 % EN/IEC 60947-2 - 240 V AC 50/60 Hz 12.5 KA 50 % EN/IEC 60947-2 - 415 V AC 50/60 Hz 10 KA 50 % EN/IEC 60947-2 - 440 V AC 50/60 Hz 60 kA 100 % EN/IEC 60947-2 - ≤ 250 V DC |
| Limitation class | 3 |
| [U _i] rated insulation voltage | 500 V AC 50/60 Hz EN/IEC 60947-2 |
| [U _{imp}] rated impulse withstand voltage | 6 kVEN/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 | 3.2 in (81 mm) |
| Width | 2.8 in (72 mm) |
| Depth | 2.8 in (72 mm) |

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| Net Weight | 1.06 lb(US) (0.48 kg) |
| Color | Gray |
| Mechanical durability | 20000 cycles |
| Electrical durability | 10000 cycles |
| Provision for padlocking | Padlockable |
| Connections - terminals | Tunnel type terminal top or bottom) 0.002...0.04 in ² (1...25 mm ²) - rigid Tunnel type terminal top or bottom) 0.002...0.04 in ² (1...25 mm ²) - flexible Tunnel type terminal top or bottom) 0.002...0.04 in ² (1...25 mm ²) - flexible with ferrule |
| Wire stripping length | 0.6 in (14 mm) for top or bottom connection |
| Tightening torque | 17.7 lbf.in (2 N.m) top or bottom |
| Earth-leakage protection | Separate block |

Environment

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| Heat dissipation | 12 W 415 V - 20 A |
| IP degree of protection | IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529 |
| Pollution degree | 3 EN/IEC 60947-2 |
| Overvoltage category | IV |
| Tropicalisation | 2 IEC 60068-1 |
| Relative humidity | 95 % 131 °F (55 °C) |
| Ambient air temperature for operation | -22...158 °F (-30...70 °C) |
| Ambient Air Temperature for Storage | -40...176 °F (-40...80 °C) |

Ordering and shipping details

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| Category | US10DE200908 |
| Discount Schedule | 0DE2 |
| GTIN | 3606480578243 |
| Returnability | No |
| Country of origin | FR |

Packing Units

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|------------------------------|--------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 2.8 in (7 cm) |
| Package 1 Width | 2.8 in (7 cm) |
| Package 1 Length | 3.5 in (9 cm) |
| Package 1 Weight | 15.7 oz (446 g) |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 3 |
| Package 2 Height | 3.1 in (8 cm) |
| Package 2 Width | 3.5 in (9 cm) |
| Package 2 Length | 8.7 in (22 cm) |
| Package 2 Weight | 3.058 lb(US) (1.387 kg) |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 18 |
| Package 3 Height | 11.8 in (30 cm) |
| Package 3 Width | 11.8 in (30 cm) |
| Package 3 Length | 15.7 in (40 cm) |
| Package 3 Weight | 19.685 lb(US) (8.929 kg) |

Offer Sustainability

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| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant with Exemptions |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations |
| 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 plastic parts & cables product |