

M9F42105

Miniature circuit breaker (MCB), Multi9 C60BP, 1P, 5A, C curve, 14kA (UL489), 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 | C60BP |
| Device Application | Distribution |
| Poles description | 1P |
| Number of protected poles | 1 |
| Line Rated Current | 5 A 77 °F (25 °C) EN/IEC 60947-2 |
| Network type | DC AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | 3 KA Icu 415 V AC EN/IEC 60947-2 10 KA Icu 240 V AC EN/IEC 60947-2 20 KA Icu 60 V DC EN/IEC 60947-2 3 KA Icu 415 V AC GB 14048.2 10 KA Icu 240 V AC GB 14048.2 20 KA Icu 60 V DC GB 14048.2 10 KA AIR 277 V AC UL 489 14 KA AIR 240 V AC UL 489 14 KA AIR 120 V AC UL 489 10 KA AIR 60 V DC UL 489 10 KA AIR 277 V AC CSA C22.2 No 5 14 KA AIR 240 V AC CSA C22.2 No 5 14 KA AIR 120 V AC CSA C22.2 No 5 10 KA AIR 60 V DC CSA C22.2 No 5 |
| Suitability for isolation | Yes EN/IEC 60947-2 |
| Standards | EN/IEC 60947-2 GB 14048.2 UL 489 CSA C22.2 No 5 |
| Product certifications | IEC[RETURN]CCC[RETURN]CSA[RETURN]UL |

Complementary

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| [Ue] rated operational voltage | 240 V AC 50/60 Hz 415 V AC 50/60 Hz 60 V DC |
| Magnetic tripping limit | 8.5 x In +/- 20 % AC 12 x In +/- 20 % DC |
| [Ics] rated service breaking capacity | 2.25 KA 75 % EN/IEC 60947-2 - 415 V AC 7.5 KA 75 % EN/IEC 60947-2 - 240 V AC 2.25 KA 75 % GB 14048.2 - 415 V AC 7.5 KA 75 % GB 14048.2 - 240 V AC 15 KA 75 % GB 14048.2 - 60 V DC 15 KA 75 % EN/IEC 60947-2 - 60 V DC |
| [Ui] rated insulation voltage | 500 V AC EN/IEC 60947-2 |
| [Uimp] 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 |

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|--------------------------|---|
| Mounting Support | DIN rail |
| 9 mm pitches | 2 |
| Height | 4.06 in (103 mm) |
| Width | 0.7 in (18 mm) |
| Depth | 2.8 in (72 mm) |
| 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) AWG 18...AWG 8) - rigid Tunnel type terminal top or bottom) 0.002...0.02 in ² (1...16 mm ²) AWG 18...AWG 8) - flexible with ferrule Tunnel type terminal top or bottom) 0.002...0.02 in ² (1...16 mm ²) AWG 18...AWG 8) - flexible |
| Wire stripping length | 0.6 in (14 mm) for top or bottom connection |
| Tightening torque | 22.1 lbf.in (2.5 N.m) top or bottom |
| Earth-leakage protection | Without |

Environment

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|---------------------------------------|--|
| IP degree of protection | IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529 |
| Pollution degree | 3 EN/IEC 60947-2 |
| Tropicalisation | 2 IEC 60068-1 |
| Relative humidity | 95 % 131 °F (55 °C) |
| Operating altitude | 0...6561.68 ft (0...2000 m) |
| 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 | US10DE200949 |
| Discount Schedule | 0DE2 |
| GTIN | 3606481169631 |
| Returnability | Yes |
| Country of origin | CN |

Packing Units

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|------------------------------|---------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 0.7 in (1.8 cm) |
| Package 1 Width | 2.8 in (7.2 cm) |
| Package 1 Length | 4.06 in (10.3 cm) |
| Package 1 Weight | 4.3 oz (122 g) |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 12 |
| Package 2 Height | 3.2 in (8.2 cm) |
| Package 2 Width | 4.3 in (11 cm) |
| Package 2 Length | 8.7 in (22 cm) |
| Package 2 Weight | 3.369 lb(US) (1.528 kg) |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 108 |
| 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 | 31.495 lb(US) (14.286 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 product |