

M9F52250

Miniature circuit breaker (MCB), Multi9
C60BPR, 2P, 50A, C curve, 10kA (UL489),
10kA (IEC/EN 60947-2)



Main

| | |
|---------------------------|--|
| Range | Multi9 |
| Product name | Multi9 C60 |
| Product or Component Type | Miniature circuit-breaker |
| Device short name | C60BPR |
| Device Application | Distribution |
| Poles description | 2P |
| Number of protected poles | 2 |
| Line Rated Current | 50 A 77 °F (25 °C) EN/IEC 60947-2 |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | 6 KA Icu 440 V AC EN/IEC 60947-2 10 KA Icu 415 V AC EN/IEC 60947-2 20 KA Icu 240 V AC EN/IEC 60947-2 6 KA Icu 440 V AC GB 14048.2 10 KA Icu 415 V AC GB 14048.2 20 KA Icu 240 V AC GB 14048.2 10 KA AIR 240 V AC UL 489 10 KA AIR 240 V AC 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 440 V AC 50/60 Hz |
| Magnetic tripping limit | 8.5 x In +/- 20 % AC |
| [Ics] rated service breaking capacity | 4.5 KA 75 % EN/IEC 60947-2 - 440 V AC 7.5 KA 75 % EN/IEC 60947-2 - 415 V AC 15 KA 75 % EN/IEC 60947-2 - 240 V AC 4.5 KA 75 % GB 14048.2 - 440 V AC 7.5 KA 75 % GB 14048.2 - 415 V AC 15 KA 75 % GB 14048.2 - 240 V AC |
| [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 |
| Mounting Support | DIN rail |
| 9 mm pitches | 4 |
| Height | 5.00 in (127 mm) |
| Width | 1.42 in (36 mm) |
| Depth | 2.83 in (72 mm) |
| Color | Gray |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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|--------------------------|------------------------------------|
| Mechanical durability | 20000 cycles |
| Electrical durability | 10000 cycles |
| Provision for padlocking | Padlockable |
| Connections - terminals | Ring terminal top or bottom) |
| Tightening torque | 17.70 lbf.in (2 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 |
| Overvoltage category | IV |
| 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 | 00949-M9 GEN 2 CB UL489 |
| Discount Schedule | DE2 |
| GTIN | 00785901129905 |
| 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 | 1.42 in (3.6 cm) |
| Package 1 Width | 2.95 in (7.5 cm) |
| Package 1 Length | 5.00 in (12.7 cm) |
| Package 1 Weight | 11.25 oz (319 g) |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 6 |
| Package 2 Height | 8.66 in (22 cm) |
| Package 2 Width | 3.15 in (8 cm) |
| Package 2 Length | 5.12 in (13 cm) |
| Package 2 Weight | 4.38 lb(US) (1.989 kg) |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 48 |
| Package 3 Height | 11.81 in (30 cm) |
| Package 3 Width | 11.81 in (30 cm) |
| Package 3 Length | 15.75 in (40 cm) |
| Package 3 Weight | 36.15 lb(US) (16.399 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 |

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| 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 |
