

M9F53220

Miniature circuit breaker (MCB), Multi9
C60BPR, 2P, 20A, D curve, 10kA (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 | C60BPR |
| Device Application | Distribution |
| Poles description | 2P |
| Number of protected poles | 2 |
| Line Rated Current | 20 A 77 °F (25 °C) EN/IEC 60947-2 |
| Network type | AC DC |
| Trip unit technology | Thermal-magnetic |
| Curve code | D |
| 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 14 KA AIR 240 V AC UL 489 10 KA AIR 125 V DC UL 489 10 KA AIR 480Y/277 V AC UL 489 14 KA AIR 240 V AC CSA C22.2 No 5 10 KA AIR 480Y/277 V AC CSA C22.2 No 5 10 KA AIR 125 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 CCC CSA 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 | 12 x In +/- 20 % AC 17 x In +/- 20 % DC |
| [Ics] rated service breaking capacity | 4.5 KA 75 % GB 14048.2 - 240 V AC 7.5 KA 75 % GB 14048.2 15 KA 75 % GB 14048.2 4.5 KA 75 % EN/IEC 60947-2 - 125 V DC 7.5 KA 75 % EN/IEC 60947-2 - 440 V AC 15 KA 75 % EN/IEC 60947-2 - 415 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 |

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|--------------------------|------------------------------------|
| 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 |
| 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 |
| 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 | 3606481171375 |
| 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 | 2.95 in (7.5 cm) |
| Package 1 Width | 1.42 in (3.6 cm) |
| Package 1 Length | 5.00 in (12.7 cm) |
| Package 1 Weight | 10.65 oz (302 g) |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 6 |
| Package 2 Height | 3.15 in (8 cm) |
| Package 2 Width | 8.66 in (22 cm) |
| Package 2 Length | 5.20 in (13.2 cm) |
| Package 2 Weight | 4.12 lb(US) (1.87 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 | 34.06 lb(US) (15.45 kg) |

Offer Sustainability

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|-----------------------------|--|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| China RoHS Regulation | China RoHS Declaration |
| RoHS exemption information | Yes |
| 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 |