

# M9F52206

Miniature circuit breaker (MCB), Multi9  
C60BPR, 2P, 6A, 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  |
| [In] rated current        | 6 A at 25 °C conforming to EN/IEC 60947-2  |
| Network type              | DC<br>AC   |
| Trip unit technology      | Thermal-magnetic   |
| Curve code                | C  |
| Breaking capacity         | 6 KA Icu at 440 V AC conforming to EN/IEC 60947-2<br>10 KA Icu at 415 V AC conforming to EN/IEC 60947-2<br>20 KA Icu at 240 V AC conforming to EN/IEC 60947-2<br>6 KA Icu at 440 V AC conforming to GB 14048.2<br>10 KA Icu at 415 V AC conforming to GB 14048.2<br>20 KA Icu at 240 V AC conforming to GB 14048.2<br>14 KA AIR at 240 V AC conforming to UL 489<br>10 KA AIR at 125 V DC conforming to UL 489<br>10 KA AIR at 480Y/277 V AC conforming to UL 489<br>14 KA AIR at 240 V AC conforming to CSA C22.2 No 5<br>10 KA AIR at 480Y/277 V AC conforming to CSA C22.2 No 5<br>10 KA AIR at 125 V DC conforming to CSA C22.2 No 5 |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2   |
| Standards                 | EN/IEC 60947-2<br>GB 14048.2<br>UL 489<br>CSA C22.2 No 5   |
| Product certifications    | IEC<br>CCC<br>CSA<br>UL  |

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## Complementary

|  |  |
|--|--|
| [Ue] rated operational voltage         | 240 V AC 50/60 Hz<br>415 V AC 50/60 Hz<br>440 V AC 50/60 Hz  |
| Magnetic tripping limit                | 8.5 x In +/- 20 % AC<br>12 x In +/- 20 % DC  |
| [Ics] rated service breaking capacity  | 4.5 KA 75 % conforming to GB 14048.2 - 240 V AC<br>7.5 KA 75 % conforming to GB 14048.2<br>15 KA 75 % conforming to GB 14048.2<br>4.5 KA 75 % conforming to EN/IEC 60947-2 - 125 V DC<br>7.5 KA 75 % conforming to EN/IEC 60947-2 - 440 V AC<br>15 KA 75 % conforming to EN/IEC 60947-2 - 415 V AC |
| [Ui] rated insulation voltage          | 500 V AC 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                           | 4  |
| Height                                 | 127 mm   |
| Width                                  | 36 mm  |
| Depth                                  | 72 mm  |
| Colour                                 | Grey   |
| Mechanical durability                  | 20000 cycles   |
| Electrical durability                  | 10000 cycles   |
| Provision for padlocking               | Padlockable  |
| Connections - terminals                | Ring terminal (top or bottom)  |
| Tightening torque                      | 2 N.m top or bottom  |
| Earth-leakage protection               | Without  |

## Environment

|                                       |  |
|---------------------------------------|--|
| IP degree of protection               | IP20 conforming to IEC 60529<br>IP40 (modular enclosure) conforming to IEC 60529 |
| Pollution degree                      | 3 conforming to EN/IEC 60947-2   |
| Overtoltage category                  | IV   |
| Tropicalisation                       | 2 conforming to IEC 60068-1  |
| Relative humidity                     | 95 % at 55 °C  |
| Operating altitude                    | 0...2000 m   |
| Ambient air temperature for operation | -30...70 °C  |
| Ambient air temperature for storage   | -40...80 °C  |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 7.5 cm   |
| Package 1 Width              | 3.6 cm   |
| Package 1 Length             | 12.7 cm  |
| Package 1 Weight             | 296 g    |
| Unit Type of Package 2       | BB1      |
| Number of Units in Package 2 | 6        |
| Package 2 Height             | 8 cm     |
| Package 2 Width              | 22 cm    |
| Package 2 Length             | 13.2 cm  |
| Package 2 Weight             | 1.836 kg |
| Unit Type of Package 3       | S03      |
| Number of Units in Package 3 | 48       |

|                  |           |
|------------------|-----------|
| Package 3 Height | 30 cm     |
| Package 3 Width  | 30 cm     |
| Package 3 Length | 40 cm     |
| Package 3 Weight | 15.203 kg |

### Offer Sustainability

|                             |   |
|-----------------------------|---|
| Sustainable offer status    | Green Premium product   |
| REACH Regulation            | <a href="#">REACH Declaration</a>   |
| EU RoHS Directive           | Compliant <a href="#">EU RoHS Declaration</a>   |
| Mercury free                | Yes   |
| China RoHS Regulation       | <a href="#">China RoHS Declaration</a>  |
| RoHS exemption information  | <a href="#">Yes</a>   |
| 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  |

### Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 Monate |
|----------|-----------|