

# Product data sheet

Specifications



## Multi 9 - C60BP - MCB - 2P - 50 A - D Curve - 240 V - 10 kA - UL 489

M9F43250

**Discontinued on:** Feb 17, 2021

**Product availability: Non-Stock - Not normally stocked in distribution facility**

**Discontinued**

### Main

|                           |                                                                                                                                                                                                                                                                                |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                     | Multi9                                                                                                                                                                                                                                                                         |
| Product name              | Multi9 C60                                                                                                                                                                                                                                                                     |
| Product or Component Type | Miniature circuit-breaker                                                                                                                                                                                                                                                      |
| Device short name         | C60BP                                                                                                                                                                                                                                                                          |
| 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                | D                                                                                                                                                                                                                                                                              |
| Breaking capacity         | 6 kA Icu 440 V AC EN/IEC 60947-2<br>10 kA Icu 415 V AC EN/IEC 60947-2<br>20 kA Icu 240 V AC EN/IEC 60947-2<br>6 kA Icu 440 V AC GB 14048.2<br>10 kA Icu 415 V AC GB 14048.2<br>20 kA Icu 240 V AC GB 14048.2<br>10 kA AIR 240 V AC UL 489<br>10 kA AIR 240 V AC CSA C22.2 No 5 |
| Suitability for isolation | Yes 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                                                                                                                                                                                                                                                        |

### 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               | 12 x In +/- 20 % AC                                                                                                                                                                                                                  |
| [Ics] rated service breaking capacity | 4.5 kA 75 % EN/IEC 60947-2 - 440 V AC<br>7.5 kA 75 % EN/IEC 60947-2 - 415 V AC<br>15 kA 75 % EN/IEC 60947-2 - 240 V AC<br>4.5 kA 75 % GB 14048.2 - 440 V AC<br>7.5 kA 75 % GB 14048.2 - 415 V AC<br>15 kA 75 % GB 14048.2 - 240 V AC |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: 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

|                                        |                                                                                                                                                                                                                                                                                                        |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [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                                 | 4.06 in (103 mm)                                                                                                                                                                                                                                                                                       |
| Width                                  | 1.4 in (36 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...0.05 in² (1...35 mm²) AWG 18...AWG 2) - rigid<br>Tunnel type terminal top or bottom) 0.002...0.04 in² (1...25 mm²) AWG 18...AWG 3) - flexible with ferrule<br>Tunnel type terminal top or bottom) 0.002...0.04 in² (1...25 mm²) AWG 18...AWG 3) - flexible |
| Wire stripping length                  | 0.6 in (14 mm) for top or bottom connection                                                                                                                                                                                                                                                            |
| Tightening torque                      | 31.0 lbf.in (3.5 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 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

|                   |               |
|-------------------|---------------|
| Category          | US10DE200949  |
| Discount Schedule | 0DE2          |
| GTIN              | 3606481170224 |
| Returnability     | No            |
| Country of origin | FR            |

## Packing Units

|                        |     |
|------------------------|-----|
| Unit Type of Package 1 | PCE |
|------------------------|-----|

|                              |                   |
|------------------------------|-------------------|
| Number of Units in Package 1 | 1                 |
| Package 1 Height             | 1.4 in (3.6 cm)   |
| Package 1 Width              | 2.8 in (7.2 cm)   |
| Package 1 Length             | 4.06 in (10.3 cm) |
| Package 1 Weight             | 9.2 oz (262 g)    |

# Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

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## Well-being performance

|                                                                                                              |                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|
|  Mercury Free               |                                                                                                                              |
|  Rohs Exemption Information | <a href="#">Yes</a>                                                                                                          |
|  Halogen Free Product       |                                                                                                                              |
| Reach Regulation                                                                                             | <a href="#">REACH Declaration</a>                                                                                            |
| Eu Rohs Directive                                                                                            | Compliant with Exemptions                                                                                                    |
| China Rohs Regulation                                                                                        | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information.       |
| Weee                                                                                                         | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins. |