

# Product data sheet

Specifications



## Multi9 - C60 UL489 - MCB - 2P - 10 A - D Curve - 240 V - 10 kA - tunnel term

60161

 **Discontinued on:** Feb 17, 2021

 **Discontinued**

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

### Main

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                     | Multi9                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Product Name              | Multi9 C60                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product Or Component Type | Miniature circuit-breaker                                                                                                                                                                                                                                                                                                                                                                                                  |
| Device Short Name         | C60 UL489                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Device Application        | Distribution                                                                                                                                                                                                                                                                                                                                                                                                               |
| Poles Description         | 2P                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Number Of Protected Poles | 2                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Neutral Position          | Left                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Line Rated Current        | 10 A 77 °F (25 °C)                                                                                                                                                                                                                                                                                                                                                                                                         |
| Network Type              | DC<br>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 Icu 125 V DC EN/IEC 60947-2<br>10 kA Icu 125 V DC GB 14048.2<br>10 kA AIR 240 V AC UL 489<br>10 kA AIR 125 V DC UL 489<br>10 kA AIR 240 V AC CSA C22.2 No 5.2<br>10 kA AIR 125 V DC CSA C22.2 No 5.2 |
| Suitability For Isolation | Yes EN/IEC 60947-2                                                                                                                                                                                                                                                                                                                                                                                                         |

### Complementary

|                                |                                              |
|--------------------------------|----------------------------------------------|
| Network Frequency              | 50/60 Hz                                     |
| [Ue] Rated Operational Voltage | 415 V AC<br>240 V AC<br>440 V AC<br>125 V DC |
| Magnetic Tripping Limit        | 12 x In +/- 20 % AC<br>17 x In +/- 20 % DC   |
| Limitation Class               | 3 EN/IEC 60947-2                             |
| [Ui] Rated Insulation Voltage  | 500 V AC EN/IEC 60947-2                      |

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

|                                        |                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------|
| [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                                 | 4.21 in (107 mm)                                                                              |
| Width                                  | 1.42 in (36 mm)                                                                               |
| Depth                                  | 2.87 in (73 mm)                                                                               |
| Net Weight                             | 0.49 lb(US) (0.22 kg)                                                                         |
| Color                                  | Gray                                                                                          |
| Mechanical Durability                  | 20000 cycles                                                                                  |
| Electrical Durability                  | 10000 cycles                                                                                  |
| Provision For Padlocking               | Padlockable                                                                                   |
| Connections - Terminals                | Tunnel type terminal top or bottom) 0.00...0.04 in² (2.5...25 mm²) AWG 14...AWG 4)<br>- rigid |
| Wire Stripping Length                  | 0.55 in (14 mm) for top or bottom connection                                                  |
| Tightening Torque                      | 22.13 lbf.in (2.5 N.m) top or bottom                                                          |

## Environment

|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
| Standards                             | GB 14048.2<br>EN/IEC 60947-2<br>UL 489<br>CSA C22.2 No 5                         |
| Product Certifications                | CSA<br>CCC<br>IEC<br>UL                                                          |
| Ip Degree Of Protection               | IP20 conforming to IEC 60529<br>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                    | 6561.68 ft (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          | US10DE200915   |
| Discount Schedule | 0DE2           |
| Gtin              | 00785901210559 |
| Returnability     | No             |
| Country Of Origin | US             |

## Packing Units

|                              |                  |
|------------------------------|------------------|
| Unit Type Of Package 1       | PCE              |
| Number Of Units In Package 1 | 1                |
| Package 1 Height             | 5.12 in (13 cm)  |
| Package 1 Width              | 1.57 in (4 cm)   |
| Package 1 Length             | 2.95 in (7.5 cm) |
| Package 1 Weight             | 9.81 oz (278 g)  |

## Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|