

# Product data sheet

Specifications



## Multi9 - C60 UL489 - MCB - 1P - 30 A - D Curve - 120 V - 10 kA - tunnel/ ring

60332

⚠ Discontinued on: Jan 23, 2021

⚠ Discontinued

### Main

|                           |                                                                                                                                                                                                                                                                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                     | Multi9                                                                                                                                                                                                                                                                                                                                         |
| Product Name              | Multi9 C60                                                                                                                                                                                                                                                                                                                                     |
| Product Or Component Type | Miniature circuit-breaker                                                                                                                                                                                                                                                                                                                      |
| Device Short Name         | C60 UL489                                                                                                                                                                                                                                                                                                                                      |
| Device Application        | Distribution                                                                                                                                                                                                                                                                                                                                   |
| Poles Description         | 1P                                                                                                                                                                                                                                                                                                                                             |
| Number Of Protected Poles | 1                                                                                                                                                                                                                                                                                                                                              |
| Line Rated Current        | 30 A 77 °F (25 °C)                                                                                                                                                                                                                                                                                                                             |
| Network Type              | AC<br>DC                                                                                                                                                                                                                                                                                                                                       |
| Trip Unit Technology      | Thermal-magnetic                                                                                                                                                                                                                                                                                                                               |
| Curve Code                | D                                                                                                                                                                                                                                                                                                                                              |
| Breaking Capacity         | 5 kA AIR 240 V AC UL 489<br>10 kA Icu 240 V AC EN/IEC 60947-2<br>10 kA Icu 240 V AC GB 14048.2<br>10 kA Icu 60 V DC EN/IEC 60947-2<br>10 kA Icu 60 V DC GB 14048.2<br>10 kA AIR 120 V AC UL 489<br>10 kA AIR 60 V DC UL 489<br>10 kA AIR 120 V AC CSA C22.2 No 5.2<br>5 kA AIR 240 V AC CSA C22.2 No 5.2<br>10 kA AIR 60 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         | 240 V AC<br>60 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                    |
| [Uimp] Rated Impulse Withstand Voltage | 6 kVEN/IEC 60947-2                         |
| Contact Position Indicator             | Yes                                        |
| Control Type                           | Toggle                                     |
| Local Signalling                       | ON/OFF indication                          |

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

|                          |                                                                                                           |
|--------------------------|-----------------------------------------------------------------------------------------------------------|
| Mounting Mode            | Clip-on                                                                                                   |
| Mounting Support         | DIN rail                                                                                                  |
| 9 Mm Pitches             | 2                                                                                                         |
| Width                    | 0.71 in (18 mm)                                                                                           |
| Depth                    | 2.87 in (73 mm)                                                                                           |
| Net Weight               | 0.24 lb(US) (0.11 kg)                                                                                     |
| Color                    | Gray                                                                                                      |
| Mechanical Durability    | 20000 cycles                                                                                              |
| Electrical Durability    | 10000 cycles                                                                                              |
| Provision For Padlocking | Padlockable                                                                                               |
| Connections - Terminals  | Ring terminal bottom)<br>Tunnel type terminal top) 0.00...0.05 in² (2.5...35 mm²) AWG 14...AWG 2) - rigid |
| Wire Stripping Length    | 0.55 in (14 mm) for top connection                                                                        |
| Tightening Torque        | 17.70 lbf.in (2 N.m) bottom<br>30.98 lbf.in (3.5 N.m) top                                                 |

## 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               | IP40 (modular enclosure) conforming to IEC 60529<br>IP10 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          | 00915-C60N MINIATURE CIRCUIT BREAKER-UL489 |
| Discount Schedule | DE2                                        |
| Gtin              | 00785901411505                             |
| Returnability     | No                                         |
| Country Of Origin | IT                                         |

## Packing Units

|                              |                  |
|------------------------------|------------------|
| 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  | 0.71 in (1.8 cm)       |
| Package 1 Length | 0.45 in (1.15 cm)      |
| Package 1 Weight | 0.28 lb(US) (0.127 kg) |

## Contractual warranty

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