

# Product data sheet

Specifications



## Multi9 - C60H - MCB - 4P - 63 A - C Curve - 415 V - 15 kA

M9F14463

⚠ Discontinued

### Main

|                           |                                                                                                                                                                                                                             |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                     | Multi9                                                                                                                                                                                                                      |
| Product Name              | Multi9 C60                                                                                                                                                                                                                  |
| Product Or Component Type | Miniature circuit-breaker                                                                                                                                                                                                   |
| Device Short Name         | C60H                                                                                                                                                                                                                        |
| Device Application        | Distribution                                                                                                                                                                                                                |
| Poles Description         | 4P                                                                                                                                                                                                                          |
| Number Of Protected Poles | 4                                                                                                                                                                                                                           |
| Line Rated Current        | 63 A 122 °F (50 °C) EN/IEC 60947-2                                                                                                                                                                                          |
| Network Type              | DC<br>AC                                                                                                                                                                                                                    |
| Trip Unit Technology      | Thermal-magnetic                                                                                                                                                                                                            |
| Curve Code                | C                                                                                                                                                                                                                           |
| Breaking Capacity         | 50 kA Icu <= 250 V DC EN/IEC 60947-2<br>30 kA Icu 240 V AC 50/60 Hz between phases EN/IEC 60947-2<br>15 kA Icu 415 V AC 50/60 Hz between phases EN/IEC 60947-2<br>10 kA Icu 440 V AC 50/60 Hz between phases EN/IEC 60947-2 |
| Utilisation Category      | Category A EN/IEC 60947-2                                                                                                                                                                                                   |
| Suitability For Isolation | Yes EN/IEC 60947-2                                                                                                                                                                                                          |
| Standards                 | EN/IEC 60947-2                                                                                                                                                                                                              |
| Product Certifications    | EAC                                                                                                                                                                                                                         |

### Complementary

|                                        |                                                                                                                                                                                             |
|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Network Frequency                      | 50/60 Hz                                                                                                                                                                                    |
| [Ue] Rated Operational Voltage         | 240 V AC 50/60 Hz between phases<br>415 V AC 50/60 Hz between phases<br>440 V AC 50/60 Hz between phases<br><= 250 V DC                                                                     |
| Magnetic Tripping Limit                | 8.5 x In +/- 20 % AC<br>12 x In +/- 20 % DC                                                                                                                                                 |
| [Ics] Rated Service Breaking Capacity  | 15 kA 50 % EN/IEC 60947-2 - 240 V AC 50/60 Hz<br>7.5 kA 50 % EN/IEC 60947-2 - 415 V AC 50/60 Hz<br>5 kA 50 % EN/IEC 60947-2 - 440 V AC 50/60 Hz<br>50 kA 100 % EN/IEC 60947-2 - <= 250 V DC |
| [Ui] Rated Insulation Voltage          | 500 V AC 50/60 Hz EN/IEC 60947-2                                                                                                                                                            |
| [Uimp] Rated Impulse Withstand Voltage | 6 kV 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

|                            |                                                                                                                                                                                                                                                           |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Contact Position Indicator | Yes                                                                                                                                                                                                                                                       |
| Control Type               | Toggle                                                                                                                                                                                                                                                    |
| Local Signalling           | ON/OFF indication                                                                                                                                                                                                                                         |
| Mounting Mode              | Clip-on                                                                                                                                                                                                                                                   |
| Mounting Support           | DIN rail                                                                                                                                                                                                                                                  |
| 9 Mm Pitches               | 8                                                                                                                                                                                                                                                         |
| Height                     | 3.19 in (81 mm)                                                                                                                                                                                                                                           |
| Width                      | 2.83 in (72 mm)                                                                                                                                                                                                                                           |
| Depth                      | 2.83 in (72 mm)                                                                                                                                                                                                                                           |
| Net Weight                 | 1.06 lb(US) (0.48 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...0.05 in² (1.5...35 mm²) - rigid<br>Tunnel type terminal top or bottom) 0.00...0.05 in² (1.5...35 mm²) - flexible<br>Tunnel type terminal top or bottom) 0.00...0.05 in² (1.5...35 mm²) - flexible with ferrule |
| Wire Stripping Length      | 0.55 in (14 mm) for top or bottom connection                                                                                                                                                                                                              |
| Tightening Torque          | 30.98 lbf.in (3.5 N.m) top or bottom                                                                                                                                                                                                                      |
| Earth-Leakage Protection   | Separate block                                                                                                                                                                                                                                            |

## Environment

|                                       |                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------|
| Heat Dissipation                      | 24.4 W 415 V - 63 A                                                              |
| 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)                                                              |
| 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

|      |               |
|------|---------------|
| Gtin | 3606480929960 |
|------|---------------|

## 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              | 2.83 in (7.2 cm)       |
| Package 1 Length             | 3.35 in (8.5 cm)       |
| Package 1 Weight             | 1.09 lb(US) (0.495 kg) |

