

M9U11220

Multi 9 - C60H-DC - MCB - 2P - 20 A - B Curve - 500 V DC - 10 kA

Product availability : Stock - Normally stocked in distribution facility



Main

| | |
|---------------------------|---|
| Range | Multi 9 |
| Product name | Multi 9 C60H-DC |
| Product or component type | Miniature circuit-breaker |
| Device short name | C60H-DC |
| Device application | Distribution |
| Poles description | 2P |
| Number of protected poles | 2 |
| [In] rated current | 20 A at 77 °F (25 °C) conforming to EN/IEC 60947-2 |
| Network type | DC |
| Trip unit technology | Thermal-magnetic |
| Curve code | B |
| Breaking capacity | Icu 20 kA at 220 V DC conforming to EN/IEC 60947-2 Icu 10 kA at 440 V DC conforming to EN/IEC 60947-2 Icu 6 kA at 500 V DC conforming to EN/IEC 60947-2 AIR 5 kA at 12...500 V DC conforming to UL 1077 Icu 20 kA at 220 V DC conforming to GB 14048.2 Icu 10 kA at 440 V DC conforming to GB 14048.2 Icu 6 kA at 500 V DC conforming to GB 14048.2 |
| Utilisation category | Category A conforming to EN/IEC 60947-2 |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2 |
| Standards | UL 1077 GB 14048.2 EN/IEC 60947-2 |
| Product certifications | CCC IEC UR |

Complementary

| | |
|----------------|----------------------|
| System Voltage | 220 V DC 440 V DC |
|----------------|----------------------|

500 V DC

| | |
|--|---|
| Magnetic tripping limit | 3...7 x In DC |
| [Ics] rated service breaking capacity | 7.5 kA 75 % x Icu at 440 V DC conforming to EN/IEC 60947-2 4.5 kA 75 % x Icu at 500 V DC conforming to EN/IEC 60947-2 15 kA 75 % x Icu at 220 V DC conforming to EN/IEC 60947-2 7.5 kA 75 % x Icu at 440 V DC conforming to GB 14048.2 4.5 kA 75 % x Icu at 500 V DC conforming to GB 14048.2 15 kA 75 % x Icu at 220 V DC conforming to GB 14048.2 |
| [Ui] rated insulation voltage | 500 V 500 V EN/IEC 60947-2 conforming to EN/IEC 60947-2 conforming to EN/IEC 60947-2 conforming to EN/IEC 60947-2 conforming to EN/IEC 60947-2 conforming to EN/IEC 60947-2 DC DC DC conforming to EN/IEC 60947-2 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 | 3.19 in (81 mm) |
| Width | 1.42 in (36 mm) |
| Depth | 2.87 in (73 mm) |
| Product weight | 0.28 lb(US) (0.128 kg) |
| Colour | Grey |
| Mechanical durability | 20000 cycles |
| Electrical durability | 3000 cycles 250 V DC L/R = 2 ms 6000 cycles 250 V DC |
| Provision for padlocking | Padlockable |
| Connections - terminals | Tunnel type terminal, top or bottom rigid stranded wire(s) 0...0.04 in ² (1...25 mm ²) max (AWG 18...AWG 4) Tunnel type terminal, top or bottom flexible wire(s) 0...0.02 in ² (1...16 mm ²) max (AWG 18...AWG 6) Tunnel type terminal, top or bottom flexible with ferrule wire(s) 0...0.02 in ² (1...16 mm ²) max (AWG 18...AWG 6) Tunnel type terminal, top or bottom 2 rigid stranded wire(s) 0...0.02 in ² (1...10 mm ²) max (AWG 18...AWG 8) Tunnel type terminal, top or bottom 2 flexible wire(s) 0...0.02 in ² (1...10 mm ²) max (AWG 18...AWG 8) Tunnel type terminal, top or bottom 2 flexible with ferrule wire(s) 0...0.02 in ² (1...10 mm ²) max (AWG 18...AWG 8) Tunnel type terminal, top or bottom 3 flexible stranded wire(s) 0 in ² (1 mm ²) max (AWG 18) |
| Wire stripping length | 0.55 in (14 mm) (top or bottom) |
| Tightening torque | 22.12 lbf.in (2.5 N.m) (top or bottom) |
| Earth-leakage protection | Without |

Environment

| | |
|---------------------------------------|--|
| Heat dissipation | 6 W 440 V 20 A |
| IP degree of protection | IP40 modular enclosure conforming to IEC 60529 IP20 conforming to IEC 60529 |
| Pollution degree | 3 conforming to EN/IEC 60947-2 |
| Tropicalisation | 2 conforming to IEC 60068-2 2 conforming to GB 14048.2 |
| Relative humidity | 95 % (131 °F (55 °C)) |
| Ambient air temperature for operation | -13...158 °F (-25...70 °C) |
| Ambient air temperature for storage | -40...185 °F (-40...85 °C) |

Ordering and shipping details

| | |
|-----------------------|----------------------------------|
| Category | 00948 - M9 GEN 2 CB UL1077 / IEC |
| Discount Schedule | DE2 |
| GTIN | 00785901773634 |
| Nbr. of units in pkg. | 1 |

| | |
|---------------------|-----|
| Package weight(Lbs) | 0.5 |
| Returnability | Y |
| Country of origin | CN |

Offer Sustainability

| | |
|--------------------------|---------------------------|
| Sustainable offer status | Not Green Premium product |
|--------------------------|---------------------------|