

Product datasheet

Specifications



Multi9 - C60H-DC - MCB - 2P - 10 A - C Curve - 500 V DC - 10 kA

M9U21210

Price: 1,228.97 ZAR

Main

| | |
|---------------------------|---|
| Range | Multi9 |
| Product name | Multi9 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 | 10 A at 25 °C conforming to EN/IEC 60947-2 |
| Network type | DC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | 20 kA Icu at 220 V DC conforming to EN/IEC 60947-2 10 kA Icu at 440 V DC conforming to EN/IEC 60947-2 6 kA Icu at 500 V DC conforming to EN/IEC 60947-2 5 kA AIR at 12...500 V DC conforming to UL 1077 20 kA Icu at 220 V DC conforming to GB 14048.2 10 kA Icu at 440 V DC conforming to GB 14048.2 6 kA Icu at 500 V DC conforming to GB 14048.2 |
| Utilisation category | Category A conforming to EN/IEC 60947-2 |
| Standards | EN/IEC 60947-2 GB 14048.2 UL 1077 |
| Product certifications | IEC CCC UR |

Complementary

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|--|--|
| [Ue] rated operational voltage | 220 V DC 440 V DC 500 V DC |
| Magnetic tripping limit | 7...10 x In DC |
| [Ics] rated service breaking capacity | 7.5 kA 75 % conforming to EN/IEC 60947-2 - 440 V DC 4.5 kA 75 % conforming to EN/IEC 60947-2 - 500 V DC 15 kA 75 % conforming to EN/IEC 60947-2 - 220 V DC 7.5 kA 75 % conforming to GB 14048.2 - 440 V DC 4.5 kA 75 % conforming to GB 14048.2 - 500 V DC 15 kA 75 % conforming to GB 14048.2 - 220 V DC |
| [Ui] rated insulation voltage | 500 V DC conforming to EN/IEC 60947-2 |
| [Uimp] rated impulse withstand voltage | 6 kV conforming to EN/IEC 60947-2 |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2 |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

| | |
|-----------------------------------|--|
| 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 | 81 mm |
| Width | 36 mm |
| Depth | 73 mm |
| Net weight | 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)1...25 mm ² (AWG 18...AWG 4) - rigid stranded Tunnel type terminal (top or bottom)1...16 mm ² (AWG 18...AWG 6) - flexible Tunnel type terminal (top or bottom)1...16 mm ² (AWG 18...AWG 6) - flexible with ferrule Tunnel type terminal (top or bottom) - 2 cable(s) 1...10 mm ² (AWG 18...AWG 8) - rigid stranded Tunnel type terminal (top or bottom) - 2 cable(s) 1...10 mm ² (AWG 18...AWG 8) - flexible Tunnel type terminal (top or bottom) - 2 cable(s) 1...10 mm ² (AWG 18...AWG 8) - flexible with ferrule Tunnel type terminal (top or bottom) - 3 cable(s) 1 mm ² (AWG 18) - flexible stranded |
| Wire stripping length | 14 mm for top or bottom connection |
| Tightening torque | 2.5 N.m top or bottom |
| Earth-leakage protection | Without |

Environment

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|--|--|
| IP degree of protection | IP20 conforming to IEC 60529 IP40 (modular enclosure) 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 % at 55 °C |
| Ambient air temperature for operation | -25...70 °C |
| Ambient air temperature for storage | -40...85 °C |

Packing Units

| | |
|-------------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 7.500 cm |
| Package 1 Width | 3.700 cm |
| Package 1 Length | 8.500 cm |
| Package 1 Weight | 222.000 g |

| | |
|-------------------------------------|-----------|
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 6 |
| Package 2 Height | 8.500 cm |
| Package 2 Width | 9.500 cm |
| Package 2 Length | 22.500 cm |
| Package 2 Weight | 1.378 kg |
| Unit Type of Package 3 | S03 |
| Number of Units in Package 3 | 72 |
| Package 3 Height | 30.000 cm |
| Package 3 Width | 30.000 cm |
| Package 3 Length | 40.000 cm |
| Package 3 Weight | 17.078 kg |

Contractual warranty

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|-----------------------------|----|
| Warranty (in months) | 18 |
|-----------------------------|----|



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Total lifecycle Carbon footprint 12

Environmental Disclosure [Product Environmental Profile](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard No

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant

REACH Regulation [REACH Declaration](#)

Halogen-free status Product contains halogen above thresholds

Use Longer



Lifetime extension

Repair No

Use Again



Repack and remanufacture

End of life manual availability No need of specific recycling operations

Take-back No

WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

Alternative

