

# Product datasheet

Specifications



## Multi9 - C60H-DC - MCB - 1P - 3 A - C Curve - 250 V DC - 10 kA

M9U21103

**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	1P
Number Of Protected Poles	1
[In] Rated Current	3 A at 25 °C conforming to EN/IEC 60947-2
Network Type	DC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	10 kA Icu at 220 V DC conforming to EN/IEC 60947-2 6 kA Icu at 250 V DC conforming to EN/IEC 60947-2 20 kA Icu at 110 V DC conforming to EN/IEC 60947-2 5 kA AIR at 12...250 V DC conforming to UL 1077 10 kA Icu at 220 V DC conforming to GB 14048.2 6 kA Icu at 250 V DC conforming to GB 14048.2 20 kA Icu at 110 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	EN/IEC 60947-2 GB 14048.2 UL 1077
Product Certifications	IEC CCC UR

### Complementary

[Ue] Rated Operational Voltage	250 V DC 110 V DC 220 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 - 220 V DC 4.5 kA 75 % conforming to EN/IEC 60947-2 - 250 V DC 15 kA 75 % conforming to EN/IEC 60947-2 - 110 V DC 7.5 kA 75 % conforming to GB 14048.2 - 220 V DC 4.5 kA 75 % conforming to GB 14048.2 - 250 V DC 15 kA 75 % conforming to GB 14048.2 - 110 V DC
[UI] Rated Insulation Voltage	500 V DC conforming to EN/IEC 60947-2

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

<b>[Uimp] Rated Impulse Withstand Voltage</b>	6 kV conforming to EN/IEC 60947-2
<b>Contact Position Indicator</b>	Yes
<b>Control Type</b>	Toggle
<b>Local Signalling</b>	ON/OFF indication
<b>Mounting Mode</b>	Clip-on
<b>Mounting Support</b>	DIN rail
<b>9 Mm Pitches</b>	2
<b>Height</b>	81 mm
<b>Width</b>	18 mm
<b>Depth</b>	73 mm
<b>Net Weight</b>	0.128 kg
<b>Colour</b>	Grey
<b>Mechanical Durability</b>	20000 cycles
<b>Electrical Durability</b>	3000 cycles 250 V DC L/R = 2 ms 6000 cycles 250 V DC
<b>Provision For Padlocking</b>	Padlockable
<b>Connections - Terminals</b>	Tunnel type terminal (top or bottom)1...25 mm <sup>2</sup> (AWG 18...AWG 4) - rigid stranded Tunnel type terminal (top or bottom)1...16 mm <sup>2</sup> (AWG 18...AWG 6) - flexible Tunnel type terminal (top or bottom)1...16 mm <sup>2</sup> (AWG 18...AWG 6) - flexible with ferrule Tunnel type terminal (top or bottom) - 2 cable(s) 1...10 mm <sup>2</sup> (AWG 18...AWG 8) - rigid stranded Tunnel type terminal (top or bottom) - 2 cable(s) 1...10 mm <sup>2</sup> (AWG 18...AWG 8) - flexible Tunnel type terminal (top or bottom) - 2 cable(s) 1...10 mm <sup>2</sup> (AWG 18...AWG 8) - flexible with ferrule Tunnel type terminal (top or bottom) - 3 cable(s) 1 mm <sup>2</sup> (AWG 18) - flexible stranded
<b>Wire Stripping Length</b>	14 mm for top or bottom connection
<b>Tightening Torque</b>	2.5 N.m top or bottom
<b>Earth-Leakage Protection</b>	Without

## Environment

<b>Heat Dissipation</b>	2.2 W at 220 V - 3 A
<b>Ip Degree Of Protection</b>	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
<b>Pollution Degree</b>	3 conforming to EN/IEC 60947-2
<b>Tropicalisation</b>	2 conforming to IEC 60068-2 2 conforming to GB 14048.2
<b>Relative Humidity</b>	95 % at 55 °C
<b>Ambient Air Temperature For Operation</b>	-25...70 °C
<b>Ambient Air Temperature For Storage</b>	-40...85 °C

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	8.5 cm
<b>Package 1 Width</b>	1.8 cm

<b>Package 1 Length</b>	7.2 cm
<b>Package 1 Weight</b>	116.0 g
<b>Unit Type Of Package 2</b>	BB1
<b>Number Of Units In Package 2</b>	12
<b>Package 2 Height</b>	8.5 cm
<b>Package 2 Width</b>	9.0 cm
<b>Package 2 Length</b>	22.5 cm
<b>Package 2 Weight</b>	1.438 kg
<b>Unit Type Of Package 3</b>	S03
<b>Number Of Units In Package 3</b>	144
<b>Package 3 Height</b>	30.0 cm
<b>Package 3 Width</b>	30.0 cm
<b>Package 3 Length</b>	40.0 cm
<b>Package 3 Weight</b>	17.844 kg

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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Transparency RoHS/REACH

## Well-being performance

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information [Yes](#)

## Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Compliant

[EU RoHS Declaration](#)

China Rohs Regulation

[China RoHS declaration](#)

Pro-active China RoHS declaration (out of China RoHS legal scope)

Environmental Disclosure

[Product Environmental Profile](#)

Circularity Profile

No need of specific recycling operations