

# Product datasheet

Specifications



## Multi 9 - C60H-DC - MCB - 2P - 2 A - C Curve - 500 V - 5 kA

MGN61522

⚠ Discontinued on: 30-Jun-2021

⚠ End-of-service on: 30-Jun-2022

⚠ Discontinued

### 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	2 A at 25 °C
Network Type	DC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	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 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
Utilisation Category	Category A conforming to EN/IEC 60947-2
Suitability For Isolation	Yes conforming to EN/IEC 60947-2

### Complementary

[Ue] Rated Operational Voltage	12...500 V DC
Magnetic Tripping Limit	8.5 x In +/- 20 % AC
[Ics] Rated Service Breaking Capacity	4.5 kA 75 % conforming to GB 14048.2 - 500 V DC 7.5 kA 75 % conforming to GB 14048.2 - 440 V DC 15 kA 75 % conforming to GB 14048.2 - 220 V DC 15 kA 75 % conforming to EN/IEC 60947-2 - 220 V DC 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
Limitation Class	3 conforming to EN/IEC 60947-2
[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
Contact Position Indicator	Yes
Control Type	Toggle

<b>Local Signalling</b>	ON/OFF indication
<b>Mounting Mode</b>	Clip-on
<b>Mounting Support</b>	DIN rail
<b>Comb Busbar And Distribution Block Compatibility</b>	Top or bottom: standard
<b>9 Mm Pitches</b>	4
<b>Height</b>	81 mm
<b>Width</b>	36 mm
<b>Depth</b>	73 mm
<b>Net Weight</b>	0.256 kg
<b>Colour</b>	Grey
<b>Mechanical Durability</b>	20000 cycles
<b>Electrical Durability</b>	3000 cycles L/R = 2 ms
<b>Provision For Padlocking</b>	Padlockable
<b>Locking Options Description</b>	In position O
<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>Standards</b>	UL 1077 GB 14048.2 EN/IEC 60947-2
<b>Product Certifications</b>	UR CCC IEC
<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>Overvoltage Category</b>	IV
<b>Tropicalisation</b>	2 conforming to IEC 60068-2 2 conforming to GB 14048.2
<b>Relative Humidity</b>	95 % at 55 °C
<b>Operating Altitude</b>	2000 m
<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
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Number Of Units In Package 1	1
Package 1 Height	3.6 cm
Package 1 Width	7.1 cm
Package 1 Length	8.5 cm
Package 1 Weight	238 g

## Contractual warranty

Warranty	18 months
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