Product data sheet

Specifications

Miniature circuit breaker (MCB), Multi9 C60H-DC, 1P, 30A, C curve, 5kA (UL 1077), 6kA (IEC/EN 60947-2)

MGN61514

⚠ Discontinued

⚠ **Discontinued on:** Jun 30, 2023

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	30 A at 25 °C
Network Type	DC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	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 20 kA Icu at 110 V DC conforming to EN/IEC 60947-2 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 5 kA AIR at 12...250 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...250 V DC
Magnetic Tripping Limit	8.5 x In +/- 20 % AC
[Ics] Rated Service Breaking Capacity	15 kA 75 % conforming to GB 14048.2 - 110 V DC 15 kA 75 % conforming to EN/IEC 60947-2 - 110 V DC 7.5 kA 75 % conforming to EN/IEC 60947-2 - 250 V DC 4.5 kA 75 % conforming to EN/IEC 60947-2 - 220 V DC 7.5 kA 75 % conforming to GB 14048.2 - 250 V DC 4.5 kA 75 % conforming to GB 14048.2 - 220 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

Local Signalling	ON/OFF indication
Mounting Mode	Clip-on
Mounting Support	DIN rail
Comb Busbar And Distribution Block Compatibility	Top or bottom: standard
9 Mm Pitches	2
Height	81 mm
Width	18 mm
Depth	73 mm
Net Weight	0.128 kg
Colour	Grey
Mechanical Durability	20000 cycles
Electrical Durability	3000 cycles L/R = 2 ms
Provision For Padlocking	Padlockable
Locking Options Description	In position O
Connections - Terminals	Tunnel type terminal (top or bottom)1…35 mm² (AWG 18...AWG 2) - rigid stranded Tunnel type terminal (top or bottom)1…25 mm² (AWG 18...AWG 4) - flexible Tunnel type terminal (top or bottom)1…25 mm² (AWG 18...AWG 4) - flexible with ferrule Tunnel type terminal (top or bottom) - 2 cable(s) 1…16 mm² (AWG 18...AWG 6) - rigid stranded Tunnel type terminal (top or bottom) - 2 cable(s) 1…16 mm² (AWG 18...AWG 6) - flexible Tunnel type terminal (top or bottom) - 2 cable(s) 1…16 mm² (AWG 18...AWG 6) - flexible with ferrule Tunnel type terminal (top or bottom) - 3 cable(s) 4 mm² (AWG 6) - flexible stranded
Wire Stripping Length	14 mm for top or bottom connection
Tightening Torque	3.5 N.m top or bottom
Earth-Leakage Protection	Without

Environment

Standards	UL 1077 GB 14048.2 EN/IEC 60947-2
Product Certifications	UR CCC IEC
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
Overvoltage Category	IV
Tropicalisation	2 conforming to IEC 60068-2 2 conforming to GB 14048.2
Relative Humidity	95 % at 55 °C
Operating Altitude	2000 m
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	6.5 cm
Package 1 Width	1.8 cm
Package 1 Length	8.5 cm
Package 1 Weight	123.0 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	12
Package 2 Height	8.0 cm
Package 2 Width	9.0 cm
Package 2 Length	22.5 cm
Package 2 Weight	1.526 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	144
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	18.799 kg

Contractual warranty

Warranty	18 months

Sustainability

Green Premium^{TM} 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_2 products.

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

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency   RoHS/REACh

Well-being performance

✓ Reach Free Of Svhc

✓ Toxic Heavy Metal Free

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

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

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

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