



### 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	1 A at 77 °F (25 °C)
Network type	DC
Trip unit technology	Thermal-magnetic
Curve code	C
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	
Suitability for isolation	Yes conforming to EN/IEC 60947-2

### Complementary

System Voltage	12...500 V DC
Magnetic tripping limit	8.5 x In +/- 20% AC
[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
Limitation class	3 conforming to EN/IEC 60947-2
[Ui] rated insulation voltage	
[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	Standard top or bottom
9 mm pitches	4
Height	3.19 in (81 mm)
Width	1.42 in (36 mm)
Depth	2.87 in (73 mm)
Product weight	0.56 lb(US) (0.256 kg)
Colour	Grey
Mechanical durability	20000 cycles
Electrical durability	6000 cycles 3000 cycles L/R = 2 ms

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Provision for padlocking	Padlockable
Locking options description	In position O
Connections - terminals	Tunnel type terminal, top or bottom rigid stranded wire(s) 0...0.04 in <sup>2</sup> (1...25 mm <sup>2</sup> ) max (AWG 18...AWG 4) Tunnel type terminal, top or bottom flexible wire(s) 0...0.02 in <sup>2</sup> (1...16 mm <sup>2</sup> ) max (AWG 18...AWG 6) Tunnel type terminal, top or bottom flexible with ferrule wire(s) 0...0.02 in <sup>2</sup> (1...16 mm <sup>2</sup> ) max (AWG 18...AWG 6) Tunnel type terminal, top or bottom 2 rigid stranded wire(s) 0...0.02 in <sup>2</sup> (1...10 mm <sup>2</sup> ) max (AWG 18...AWG 8) Tunnel type terminal, top or bottom 2 flexible wire(s) 0...0.02 in <sup>2</sup> (1...10 mm <sup>2</sup> ) max (AWG 18...AWG 8) Tunnel type terminal, top or bottom 2 flexible with ferrule wire(s) 0...0.02 in <sup>2</sup> (1...10 mm <sup>2</sup> ) max (AWG 18...AWG 8) Tunnel type terminal, top or bottom 3 flexible stranded wire(s) 0 in <sup>2</sup> (1 mm <sup>2</sup> ) 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

standards	UL 1077 GB 14048.2 EN/IEC 60947-2
product certifications	CCC IEC UR
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 % 131 °F (55 °C)
operating altitude	6561.68 ft (2000 m)
ambient air temperature for operation	-13...158 °F (-25...70 °C)
ambient air temperature for storage	-40...185 °F (-40...85 °C)

## Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 0627 - Schneider Electric declaration of conformity	Compliant - since 0627 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Need no specific recycling operations	Need no specific recycling operations

## Contractual warranty

Warranty period	18 months
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