



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	1P
Number of protected poles	1
[In] rated current	63 A at 77 °F (25 °C) conforming to EN/IEC 60947-2
Network type	DC
Trip unit technology	Thermal-magnetic
Curve code	B
Breaking capacity	Icu 10 kA at 220 V DC conforming to EN/IEC 60947-2 Icu 6 kA at 250 V DC conforming to EN/IEC 60947-2 Icu 20 kA at 110 V DC conforming to EN/IEC 60947-2 AIR 5 kA at 12...250 V DC conforming to UL 1077 Icu 10 kA at 220 V DC conforming to GB 14048.2 Icu 6 kA at 250 V DC conforming to GB 14048.2 Icu 20 kA 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	UL 1077 GB 14048.2 EN/IEC 60947-2
Product certifications	CCC IEC UR

Complementary

System Voltage	110 V DC 220 V DC 250 V DC
Magnetic tripping limit	3...7 x In DC
[Ics] rated service breaking capacity	7.5 kA 75 % x Icu at 220 V DC conforming to EN/IEC 60947-2 4.5 kA 75 % x Icu at 250 V DC conforming to EN/IEC 60947-2 15 kA 75 % x Icu at 110 V DC conforming to EN/IEC 60947-2 7.5 kA 75 % x Icu at 220 V DC conforming to GB 14048.2 4.5 kA 75 % x Icu at 250 V DC conforming to GB 14048.2 15 kA 75 % x Icu at 110 V DC conforming to GB 14048.2
[Ui] rated insulation voltage	500 V 500 V EN/IEC 60947-2 conforming to EN/IEC 60947-2 conforming to EN/IEC 60947-2 conforming to EN/IEC 60947-2 conforming to EN/IEC 60947-2 conforming to EN/IEC 60947-2 DC DC DC conforming to EN/IEC 60947-2 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
9 mm pitches	2
Height	3.19 in (81 mm)
Width	0.71 in (18 mm)
Depth	2.87 in (73 mm)

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Product weight	0.28 lb(US) (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 flexible wire(s) 0...0.04 in ² (1...25 mm ²) max (AWG 18...AWG 4) Tunnel type terminal, top or bottom rigid stranded wire(s) 0...0.05 in ² (1...35 mm ²) max (AWG 18...AWG 2) Tunnel type terminal, top or bottom flexible with ferrule wire(s) 0...0.04 in ² (1...25 mm ²) max (AWG 18...AWG 4) Tunnel type terminal, top or bottom 2 rigid stranded wire(s) 0...0.02 in ² (1...16 mm ²) max (AWG 18...AWG 6) Tunnel type terminal, top or bottom 2 flexible wire(s) 0...0.02 in ² (1...16 mm ²) max (AWG 18...AWG 6) Tunnel type terminal, top or bottom 2 flexible with ferrule wire(s) 0...0.02 in ² (1...16 mm ²) max (AWG 18...AWG 6) Tunnel type terminal, top or bottom 3 flexible stranded wire(s) 0.01 in ² (4 mm ²) max (AWG 6)
Wire stripping length	0.55 in (14 mm) (top or bottom)
Tightening torque	30.97 lbf.in (3.5 N.m) (top or bottom)
Earth-leakage protection	Without

Environment

heat dissipation	6.1 W 220 V 63 A
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 % (131 °F (55 °C))
ambient air temperature for operation	-13...158 °F (-25...70 °C)
ambient air temperature for storage	-40...185 °F (-40...85 °C)

Offer Sustainability

Not Green Premium product	Not Green Premium product
Compliant - since 1645 - Schneider Electric declaration of conformity	Compliant - since 1645 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold