



Main

Range of product	C60
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	50 A at 25 °C
Network type	DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity code	H
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 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
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	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
[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
Connection pitch	18 mm Between phases
9 mm pitches	4
Height	81 mm
Width	36 mm
Depth	73 mm
Product weight	0.256 kg
Colour	Grey
Mechanical durability	20000 cycles
Electrical durability	3000 cycles L/R = 2 ms 6000 cycles
Provision for padlocking	Padlockable
Locking options description	In position O
Connections - terminals	Tunnel type terminal, top or bottom flexible wire(s) 1...25 mm ² max (AWG 18...AWG 4) Tunnel type terminal, top or bottom rigid stranded wire(s) 1...35 mm ² max (AWG 18...AWG 2) Tunnel type terminal, top or bottom flexible with ferrule wire(s) 1...25 mm ² max (AWG 18...AWG 4) Tunnel type terminal, top or bottom for 2 rigid stranded wire(s) 1...16 mm ² max (AWG 18...AWG 6) Tunnel type terminal, top or bottom for 2 flexible wire(s) 1...16 mm ² max (AWG 18...AWG 6) Tunnel type terminal, top or bottom for 2 flexible with ferrule wire(s) 1...16 mm ² max (AWG 18...AWG 6) Tunnel type terminal, top or bottom for 3 flexible stranded wire(s) 4 mm ² max (AWG 6)
Wire stripping length	14 mm top or bottom
Tightening torque	3.5 N.m top or bottom
Earth-leakage protection	Without
Product compatibility	C60 accessories C60 auxiliary
Market segment	Residential Small commercial
Compatibility code	C60H-DC


Environment

Standards	GB 14048.2 EN/IEC 60947-2
Product certifications	CCC IEC
IP degree of protection	IP40 for modular enclosure conforming to IEC 60529 IP20 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 % 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0627 - Schneider Electric declaration of conformity

 [Schneider Electric declaration of conformity](#)

REACH	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available  Product environmental
Product end of life instructions	Need no specific recycling operations

Contractual warranty

Warranty period	18 months
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MGN61538