



Main

Device application	Distribution
Range of product	C60
Product or component type	Miniature circuit-breaker
Device short name	C60H-DC
Poles description	2P
Number of protected poles	1
[In] rated current	6 A at 25 °C
Network type	DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	5 kA AIR conforming to UL 1077 - 500 V DC 10 kA Icu conforming to EN 60947-2 - 440 V DC 10 kA Icu conforming to GB 14048.2 - 440 V DC 10 kA Icu conforming to IEC 60947-2 - 440 V DC 6 kA Icu conforming to EN 60947-2 - 500 V DC 6 kA Icu conforming to GB 14048.2 - 500 V DC 6 kA Icu conforming to IEC 60947-2 - 500 V DC 20 kA Icu conforming to GB 14048.2 - 220 V DC 20 kA Icu conforming to IEC 60947-2 - 220 V DC 20 kA Icu conforming to EN 60947-2 - 220 V DC
Utilisation category	Category A conforming to EN 60947-2 Category A conforming to GB 14048.2 Category A conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN 60947-2 Yes conforming to GB 14048.2 Yes conforming to IEC 60947-2

Complementary

[Ue] rated operational voltage	500 V DC
Magnetic tripping limit	7...10 x In
[Ics] rated service breaking capacity	15 kA 75 % x Icu conforming to EN 60947-2 - 220 V DC 15 kA 75 % x Icu conforming to IEC 60947-2 - 220 V DC 4.5 kA 75 % x Icu conforming to EN 60947-2 - 500 V DC 4.5 kA 75 % x Icu conforming to IEC 60947-2 - 500 V DC 7.5 kA 75 % x Icu conforming to EN 60947-2 - 440 V DC 7.5 kA 75 % x Icu conforming to IEC 60947-2 - 440 V DC 4.5 kA 75 % x Icu conforming to GB 14048.2 - 500 V DC 7.5 kA 75 % x Icu conforming to GB 14048.2 - 440 V DC 15 kA 75 % x Icu conforming to GB 14048.2 - 220 V DC
[Ui] rated insulation voltage	500 V DC conforming to IEC 60947-2 500 V DC conforming to EN 60947-2 500 V DC conforming to GB 14048.2 500 V DC conforming to UL 1077
[Uimp] rated impulse withstand voltage	6 kV conforming to EN 60947-2 6 kV conforming to GB 14048.2 6 kV conforming to IEC 60947-2 6 kV conforming to UL 1077
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
Comb busbar distribution block compatibility	Standard top or bottom
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	6000 cycles - 500 V DC 3000 cycles - 500 V DC
Provision for padlocking	Padlockable
Locking options description	In position O
Connections - terminals	Tunnel type terminals, top or bottom for 1 flexible wire(s) 16 mm ² max Tunnel type terminals, top or bottom for 1 rigid wire(s) 25 mm ² max
Tightening torque	2.5 N.m top or bottom power circuit
Earth-leakage protection	Without
Product compatibility	C60 accessories C60 auxiliary

Environment

Standards	EN 60947-2 GB 14048.2 IEC 60947-2 UL 1077
Product certifications	CCC UL
Pollution degree	3 conforming to EN 60947-2 3 conforming to GB 14048.2 3 conforming to IEC 60947-2 3 conforming to UL 1077
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 0832 - Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations