



Main

Circuit breaker application	Distribution
Range of product	C60
Device short name	C60H-DC
Poles description	1P
Number of protected poles	1
Network type	DC
Trip unit technology	Thermal-magnetic
Curve code	C
Utilisation category	Category A EN 60947-2 Category A GB 14048.2 Category A conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN 60947-2 Yes GB 14048.2 Yes IEC 60947-2

Complementary

[In] rated current	4 A 25 °C
Network frequency	-
[Ue] rated operational voltage	250 V DC
Magnetic tripping limit	7...10 x In
Breaking capacity	5 kA AIR UL 1077 250 V DC 6 kA Icu GB 14048.2 250 V DC 6 kA Icu EN 60947-2 250 V DC 6 kA Icu IEC 60947-2 250 V DC 10 kA Icu GB 14048.2 220 V DC 10 kA Icu IEC 60947-2 220 V DC 10 kA Icu EN 60947-2 220 V DC
[Ics] rated service breaking capacity	4.5 kA IEC 60947-2 250 V DC 4.5 kA GB 14048.2 250 V DC 4.5 kA EN 60947-2 250 V DC 7.5 kA GB 14048.2 220 V DC 7.5 kA IEC 60947-2 220 V DC 7.5 kA EN 60947-2 220 V DC
[Ui] rated insulation voltage	250 V DC IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV IEC 60947-2 6 kV EN 60947-2 6 kV GB 14048.2
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	2
Height	81 mm
Width	18 mm
Depth	73 mm
Mechanical durability	20000 cycles
Electrical durability	6000 cycles 250 V DC 3000 cycles 250 V 2 ms DC
Provision for padlocking	Padlockable

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Locking options description	In position O
Connections - terminals	Tunnel type terminals top or bottom 16 mm ² flexible 1 Tunnel type terminals top or bottom 25 mm ² rigid 1
Tightening torque	2.5 N.m top or bottom power circuit
Product compatibility	C60 accessories C60 auxiliary

Environment

Standards	GB 14048.2 IEC 60947-2 EN 60947-2 CSA C22.2 No 235-04 UL 1077
Product certifications	UL 1077
Pollution degree	3 EN 60947-2 3 GB 14048.2 3 IEC 60947-2
Tropicalisation	2 conforming to IEC 60068-1
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