

A9N61533

miniature circuit breaker - C60H - 2 poles - 25 A - C
curve



Main

Circuit breaker application	Distribution
Range of product	C60
Product or component type	Circuit breaker
Device short name	C60H-DC
Poles description	2P
Number of protected poles	1
[In] rated current	25 A at 25 °C
Network type	DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	10 kA Icu conforming to EN 60947-2 - 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 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 GB 14048.2 - 250 V DC 20 kA Icu conforming to IEC 60947-2 - 250 V DC
Utilisation category	Category A conforming to EN 60947-2 Category A conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN 60947-2 Yes conforming to IEC 60947-2

Complementary

Network frequency	-
[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 15 kA 75 % x Icu conforming to EN 60947-2 - 250 V DC 15 kA 75 % x Icu conforming to IEC 60947-2 - 250 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
[Ui] rated insulation voltage	500 V DC conforming to IEC 60947-2 500 V DC conforming to EN 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to EN 60947-2 6 kV conforming to IEC 60947-2
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	4
Height	81 mm
Width	36 mm
Depth	73 mm
Product weight	0.256 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	6000 cycles - 500 V DC

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance 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.

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 IEC 60947-2
Pollution degree	3 conforming to EN 60947-2 3 conforming to IEC 60947-2
Tropicalisation	2 conforming to IEC 60068-2
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	Not Green Premium product
RoHS	Compliant - since 1310 - Schneider Electric declaration of conformity