Product data sheet
Characteristics

A9N61500
miniature circuit breaker - C60H - 1 pole - 0.5 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	1P
Number of protected poles	1
[In] rated current	0.5 A at 25 °C
Network type	DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	20 kA Icu conforming to IEC 60947-2 - 110 V DC 20 kA Icu conforming to EN 60947-2 - 110 V DC 6 kA Icu conforming to IEC 60947-2 - 250 V DC 6 kA Icu conforming to EN 60947-2 - 250 V DC 10 kA Icu conforming to IEC 60947-2 - 220 V DC 10 kA Icu conforming to EN 60947-2 - 220 V DC
Utilisation category	Category A conforming to IEC 60947-2 Category A conforming to EN 60947-2
Suitability for isolation	Yes conforming to EN 60947-2 Yes conforming to IEC 60947-2

Complementary

Network frequency	-
[Ue] rated operational voltage	250 V DC
Magnetic tripping limit	7...10 x In
[Ics] rated service breaking capacity	7.5 kA 75 % x Icu conforming to IEC 60947-2 - 220 V DC 7.5 kA 75 % x Icu conforming to EN 60947-2 - 220 V DC 4.5 kA 75 % x Icu conforming to IEC 60947-2 - 250 V DC 4.5 kA 75 % x Icu conforming to EN 60947-2 - 250 V DC 15 kA 75 % x Icu conforming to IEC 60947-2 - 110 V DC 15 kA 75 % x Icu conforming to EN 60947-2 - 110 V DC
[Ui] rated insulation voltage	500 V DC conforming to EN 60947-2 500 V DC conforming to IEC 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	2
Height	81 mm
Width	18 mm
Depth	73 mm
Product weight	0.128 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	6000 cycles - 250 V DC 3000 cycles - 250 V DC

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Provision for padlocking	Padlockable
Locking options description	In position O
Connections - terminals	Tunnel type terminals, top or bottom for 1 rigid wire(s) 25 mm² max Tunnel type terminals, top or bottom for 1 flexible wire(s) 16 mm² 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 IEC 60947-2 3 conforming to EN 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