

# MGN61508

miniature circuit breaker - C60H - 1 pole - 10 A -  
C curve



Product availability: Non-Stock - Not normally stocked in distribution facility

Price\*: 182.00 USD



## Main

Commercial Status	Commercialised
Circuit breaker application	Distribution
Range of product	C60
Device short name	C60H-DC
Poles description	1P
Number of protected poles	1
[In] rated current	10 A at 77 °F (25 °C)
Network type	DC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	20 kA Icu conforming to GB 14048.2 - 110 V DC 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 GB 14048.2 - 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 GB 14048.2 - 220 V DC 10 kA Icu conforming to EN 60947-2 - 220 V DC 5 kA AIR conforming to UL 1077 - 250 V DC
Utilisation category	Category A conforming to IEC 60947-2 Category A conforming to GB 14048.2 Category A conforming to EN 60947-2
Suitability for isolation	Yes conforming to GB 14048.2 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	15 kA 75 % x Icu conforming to GB 14048.2 - 110 V DC 7.5 kA 75 % x Icu conforming to GB 14048.2 - 220 V DC 4.5 kA 75 % x Icu conforming to GB 14048.2 - 250 V DC 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 UL 1077 500 V DC conforming to GB 14048.2 500 V DC conforming to EN 60947-2 500 V DC conforming to IEC 60947-2

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[Uimp] rated impulse withstand voltage	6 kV conforming to UL 1077 6 kV conforming to GB 14048.2 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	3.19 in (81 mm)
Width	0.71 in (18 mm)
Depth	2.87 in (73 mm)
Product weight	0.28 lb(US) (0.128 kg)
Colour	Grey
Mechanical durability	20000 cycles
Electrical durability	6000 cycles - 250 V DC 3000 cycles - 250 V DC
Provision for padlocking	Padlockable
Locking options description	In position O
Connections - terminals	Tunnel type terminals, top or bottom for 1 rigid wire(s) 0.04 in <sup>2</sup> (25 mm <sup>2</sup> ) max Tunnel type terminals, top or bottom for 1 flexible wire(s) 0.02 in <sup>2</sup> (16 mm <sup>2</sup> ) max
Tightening torque	22.12 lbf.in (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
Pollution degree	3 conforming to UL 1077 3 conforming to IEC 60947-2 3 conforming to GB 14048.2 3 conforming to EN 60947-2
Tropicalisation	2 conforming to GB 14048.2 2 conforming to IEC 60068-2
Relative humidity	131 °F (55 °C)
Operating altitude	6561.68 ft (2000 m)
Ambient air temperature for operation	-13...158 °F (-25...70 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)

## Ordering and shipping details

Category	00915 - C60N MINIATURE CB-UL489
Discount Schedule	DE2
GTIN	00785901460978
Nbr. of units in pkg.	1
Package weight(Lbs)	0.32
Product availability	Non-Stock - Not normally stocked in distribution facility
Returnability	N
Country of origin	CN

### Offer Sustainability

Sustainable offer status	Green Premium product
RoHS	Compliant - since 0832 - <a href="#">Schneider Electric declaration of conformity</a>
REACH	Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations

### Contractual warranty

Period	18 months
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