

Product datasheet

Specifications



C60 - circuit breaker - C60N - 1P - 1A - B curve

24045

⚠ Discontinued on: 1 Nov 2020

⚠ Discontinued

Main

Range of product	C60
Range	Multi9
Product name	C60
Product or component type	Miniature circuit-breaker
Device short name	C60N
Device application	Distribution
Poles description	1P
Number of protected poles	1
[In] rated current	1 A at 30 °C
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	B
Breaking capacity	20 kA Icu at 130 V AC 50/60 Hz conforming to EN/IEC 60947-2 10 kA Icu at 230...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 3 kA Icu at 400...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 6000 A Icn at 230/400 V AC 50/60 Hz conforming to EN 60898 15 kA Icu at 60 V DC 1P conforming to EN/IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	230...240 V AC 50/60 Hz 400...415 V AC 50/60 Hz 130 V AC 50/60 Hz 230/400 V AC 50/60 Hz
Magnetic tripping limit	3...5 x In
[Ics] rated service breaking capacity	15 kA conforming to EN/IEC 60947-2 - 130 V AC 50/60 Hz 7.5 kA conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz 6000 A conforming to EN 60898 - 230/400 V AC 50/60 Hz 2.25 kA conforming to EN/IEC 60947-2 - 400...415 V AC 50/60 Hz
Limitation class	3 conforming to EN/IEC 60947-2
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Clip-on

Disclaimer: 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

Mounting support	35 mm symmetrical DIN rail
Comb busbar and distribution block compatibility	NO
9 mm pitches	2
Height	81 mm
Width	18 mm
Depth	73 mm
Net weight	0.12 kg
Mechanical durability	20000 cycles
Connections - terminals	Tunnel type terminals16 mm² flexible Tunnel type terminals25 mm² rigid
Tightening torque	Power circuit: 2 N.m upside 2 N.m downside
Product compatibility	C60 accessories C60 auxiliary

Environment

Standards	EN 60898 EN/IEC 60947-2
IP degree of protection	IP20 conforming to IEC 60529
Overvoltage category	IV
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...70 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.5 cm
Package 1 Width	1.8 cm
Package 1 Length	8.5 cm
Package 1 Weight	111.851 g

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Environmental Disclosure

[Product Environmental Profile](#)

Use Better



Materials and Substances

EU RoHS Directive

[Compliant](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins