

Product datasheet

Specifications



C60 - circuit breaker - C60N - 3P - 20A - D curve

MGN60537

⚠ Discontinued on: Aug 27, 2019 AD

⚠ 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	3P
Number of protected poles	3
[In] rated current	20 A at 50 °C conforming to EN/IEC 60947-2
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	20 kA Icu at 240 V AC 50/60 Hz phase to phase conforming to EN/IEC 60947-2 10 kA Icu at 415 V AC 50/60 Hz phase to phase conforming to EN/IEC 60947-2 6 kA Icu at 440 V AC 50/60 Hz phase to phase conforming to EN/IEC 60947-2
Utilisation category	Category A conforming to EN/IEC 60947-2
Suitability for isolation	Yes conforming to EN/IEC 60947-2

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	440 V AC 50/60 Hz 240 V AC 50/60 Hz phase to phase
Magnetic tripping limit	12 x In +/- 20 %
[Ics] rated service breaking capacity	15 kA 75 % conforming to EN/IEC 60947-2 - 240 V AC 50/60 Hz 7.5 kA 75 % conforming to EN/IEC 60947-2 - 415 V AC 50/60 Hz 4.5 kA 75 % conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz
Contact position indicator	Yes
Control type	Toggle
Local signalling	ON/OFF indication
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
Comb busbar and distribution block compatibility	Top or bottom: YES
9 mm pitches	6

Height	81 mm
Width	54 mm
Depth	73 mm
Net weight	0.36 kg
Mechanical durability	20000 cycles
Electrical durability	10000 cycles conforming to EN/IEC 60947-2
Connections - terminals	Tunnel type terminals1...25 mm ² rigid Tunnel type terminals1...25 mm ² flexible without cable end Tunnel type terminals1...25 mm ² flexible with cable end
Wire stripping length	Power circuit: 14 mm
Tightening torque	Power circuit: 2 N.m
Earth-leakage protection	Separate block
Product compatibility	C60 accessories C60 auxiliary

Environment

Standards	EN/IEC 60947-2
Product certifications	RMRoS RINA LRS IACS E10 KRS ABS GL DNV BV
IP degree of protection	IP20 conforming to EN/IEC 60947-2
Pollution degree	3 conforming to EN/IEC 60947-2
Ambient air temperature for operation	-30...70 °C
Ambient air temperature for storage	-40...80 °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	5.4 cm
Package 1 Length	8.5 cm
Package 1 Weight	0.321 kg

Contractual warranty

Warranty (in months)	18
-----------------------------	----



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