

# Product datasheet

Specifications



## C60 - circuit breaker - C60N - 2P - 16A - D curve

MGN60523

⚠ Discontinued on: Jan 23, 2021

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### 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	2P
Number of protected poles	2
[In] rated current	16 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	4

<b>Height</b>	81 mm
<b>Width</b>	36 mm
<b>Depth</b>	73 mm
<b>Product weight</b>	0.24 kg
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	10000 cycles conforming to EN/IEC 60947-2
<b>Connections - terminals</b>	Tunnel type terminals1...25 mm <sup>2</sup> rigid Tunnel type terminals1...25 mm <sup>2</sup> flexible without cable end Tunnel type terminals1...25 mm <sup>2</sup> flexible with cable end
<b>Wire stripping length</b>	Power circuit: 14 mm
<b>Tightening torque</b>	Power circuit: 2 N.m
<b>Earth-leakage protection</b>	Separate block
<b>Product compatibility</b>	C60 auxiliary C60 accessories

## Environment

<b>Standards</b>	EN/IEC 60947-2
<b>Product certifications</b>	BV KRS ABS DNV LRS GL RINA IACS E10 RMRoS
<b>IP degree of protection</b>	IP20 conforming to EN/IEC 60947-2
<b>Pollution degree</b>	3 conforming to EN/IEC 60947-2
<b>Ambient air temperature for operation</b>	-30...70 °C
<b>Ambient air temperature for storage</b>	-40...80 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	7.5 cm
<b>Package 1 Width</b>	3.6 cm
<b>Package 1 Length</b>	8.5 cm
<b>Package 1 Weight</b>	0.211 kg

## Contractual warranty

<b>Warranty (in months)</b>	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 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