

Product datasheet

Specifications



C60 - circuit breaker - C60N - 4P - 50A - D curve

24693

⚠ Discontinued on: 7 Sept 2020

⚠ End-of-service on: 20 Jun 2019

⚠ 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	4P
Number of protected poles	4
Neutral position	Left
[In] rated current	50 A at 30 °C
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	10 kA Icu at 400...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 6 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 20 kA Icu at 125 V DC 2P conforming to EN/IEC 60947-2 20 kA Icu at 230...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 30 kA Icu at 125 V DC 3P conforming to EN/IEC 60947-2 40 kA Icu at <= 250 V DC 4P 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	440 V AC 50/60 Hz 230...240 V AC 50/60 Hz 400...415 V AC 50/60 Hz <= 250 V DC
Magnetic tripping limit	10...14 x In
[Ics] rated service breaking capacity	15 kA conforming to EN/IEC 60947-2 4.5 kA conforming to EN/IEC 60947-2 - 60 V AC 50/60 Hz 7.5 kA conforming to EN/IEC 60947-2 - 12...440 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

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 mode	Clip-on
Mounting support	35 mm symmetrical DIN rail
Comb busbar and distribution block compatibility	YES
9 mm pitches	8
Height	81 mm
Width	72 mm
Depth	73 mm
Net weight	0.48 kg
Mechanical durability	20000 cycles
Connections - terminals	Tunnel type terminals25 mm² flexible Tunnel type terminals35 mm² rigid
Wire stripping length	14 mm
Tightening torque	3.5 N.m
Earth-leakage protection	Separate block

Environment

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	8.5 cm
Package 1 Width	7.2 cm
Package 1 Length	7.3 cm
Package 1 Weight	0.49 kg



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

Image of product / Alternate images

Alternative

