Product datasheet

Specifications



C60 - circuit breaker - C60N - 3P - 16A - C curve

MGN60894

Discontinued on: 31 Dec 2013

End-of-service on: 31 Dec 2014

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	16 A at 50 °C conforming to EN/IEC 60947-2
Network type	DC
Trip unit technology	Thermal-magnetic
Curve code	C
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

[Ue] rated operational voltage	440 V AC 50/60 Hz 240 V AC 50/60 Hz phase to phase
Magnetic tripping limit	8.5 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

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

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 mm² rigid Tunnel type terminals1…25 mm² flexible without cable end Tunnel type terminals1…25 mm² 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 auxiliary C60 accessories

Environment

Standards	EN/IEC 60947-2
Product certifications	LRS RINA GL KRS DNV IACS E10 RMRoS ABS 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	0.318 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 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