



Commercial status

To be discontinued on: 30 March 2021

ⓘ To be discontinued

Main

Range of product	C60
Range	Multi 9
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	16 A at 30 °C
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	C
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	5...10 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

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

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
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 mm ² flexible Tunnel type terminals25 mm ² 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
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

Package 1 Weight	0.100 kg
Package 1 Height	0.180 dm
Package 1 width	0.750 dm
Package 1 Length	0.850 dm

Offer Sustainability

Sustainable offer status	Green Premium product
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Contractual warranty

Warranty	18 months
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24176 is replaced by:



miniature circuit breaker A9F74116

iC60N - miniature circuit breaker - 1P - 16A - C curve

Qty 1

Reason for Substitution: End of life | Substitution date: 01 March 2011
