



Commercial status

Discontinued: 06 August 2018

24671 has not been replaced. Please contact your customer care centre for more information.

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	3P
Number of protected poles	3
[In] rated current	6 A at 40 °C
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	10 kA I _{cu} at 400...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 6 kA I _{cu} at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 6000 A I _{cn} at 230/400 V AC 50/60 Hz conforming to EN 60898 20 kA I _{cu} at 125 V DC 2P conforming to EN/IEC 60947-2 20 kA I _{cu} at 230...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 30 kA I _{cu} at 125 V DC 3P conforming to EN/IEC 60947-2 40 kA I _{cu} 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
[U _e] 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 230/400 V AC 50/60 Hz
Magnetic tripping limit	10...14 x I _n
[I _{cs}] rated service breaking capacity	7.5 kA conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz 2.25 kA conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 3.75 kA conforming to EN/IEC 60947-2 - 400...415 V AC 50/60 Hz 6000 A conforming to EN 60898 - 230/400 V AC 50/60 Hz
Limitation class	3 conforming to EN/IEC 60947-2

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

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	6
Height	81 mm
Width	54 mm
Depth	73 mm
Net weight	0.36 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
Earth-leakage protection	Separate block
Product compatibility	C60 accessories C60 auxiliary

Environment

Standards	EN/IEC 60947-2 EN 60898
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

Contractual warranty

Warranty	18 months
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