



Commercial status

End of Commercialisation :

⚠ End of Commercialisation

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	20 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
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 auxiliary C60 accessories

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	0.106 Kg
Package 1 Height	0.180 Dm
Package 1 width	0.750 Dm
Package 1 Length	0.850 Dm

Contractual warranty

Warranty	18 months
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Product Life Status : **End of commerc. - Block**

24177 may be replaced by any of the following products:



A9F77120

iC60N - miniature circuit breaker - 1P - 20A - C curve

Qty 1

Reason for Substitution: End of life | Substitution date: 07 Jan 2011 | association ancien/nouveau impossible entre disjoncteur et vigi, aux-il.elect. ou accessoires