

Product datasheet

Specifications



C60 - circuit breaker - C60N - 1P - 2A - C curve

24306

! Discontinued on: 07 September 2020

! 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	2 A at 30 °C
Network type	AC DC
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 230/400 V AC 50/60 Hz 130 V AC 50/60 Hz per pole
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
Product 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/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

Packing Units

Package 1 Weight	0.109 kg
Package 1 Height	0.850 dm
Package 1 width	0.180 dm
Package 1 Length	0.730 dm

Contractual warranty

Warranty	18 months
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Recommended replacement(s)

24306 is replaced by:

1x



iC60N - miniature circuit breaker - 1P - 2A - C curve
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