Product data sheet
Characteristics

MGN60881
C60 - circuit breaker - C60N - 2P - 16A - C curve



Commercial status
End of Commercialisation : NOV 01, 2020

⚠ End of Commercialisation

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	2P
Number of protected poles	2
[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	4
Height	81 Mm
Width	36 Mm
Depth	73 Mm
Net weight	0.24 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	ABS[RETURN]BV[RETURN]RINA[RETURN]KRS[RETURN]RMRoS[RETURN]DNV[RETURN]IAC
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	3.6 Cm
Package 1 Length	8.5 Cm
Package 1 Weight	0.211 Kg

Offer Sustainability

Mercury free	Yes
Sustainable packaging	No
Environmental Disclosure	Product Environmental Profile
EU RoHS Directive	Compliant
WEEE Label	The product must be disposed on European Union markets following specific waste collection and

Contractual warranty

Warranty (in months)	18

Product Life Status : End of commerc. - Block