



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	4P
Number of protected poles	4
[In] rated current	50 A at 40 °C
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity code	N
Breaking capacity	6000 A Icn conforming to EN 60898 - 230/400 V AC 50/60 Hz 6 kA Icu conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 10 kA Icu conforming to EN/IEC 60947-2 - 400...415 V AC 50/60 Hz 20 kA Icu conforming to EN/IEC 60947-2 - 125 V DC 2P 20 kA Icu conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz 30 kA Icu conforming to EN/IEC 60947-2 - 125 V DC 3P 40 kA Icu conforming to EN/IEC 60947-2 - <= 250 V DC 4P
Suitability for isolation	Yes conforming to IEC 60947-2

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	<= 250 V DC 230...240 V AC 50/60 Hz 230/400 V AC 50/60 Hz 400...415 V AC 50/60 Hz 440 V AC 50/60 Hz
Magnetic tripping limit	10...14 x In
[Ics] rated service breaking capacity	7.5 kA conforming to EN/IEC 60947-2 - 230...240 V AC 50/60 Hz 3.75 kA conforming to EN/IEC 60947-2 - 400...415 V AC 50/60 Hz 2.25 kA conforming to EN/IEC 60947-2 - 440 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
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	8
Height	81 mm
Width	72 mm
Depth	73 mm
Product weight	0.48 kg
Mechanical durability	20000 cycles
Connections - terminals	Tunnel type terminals flexible wire(s) 25 mm ² max Tunnel type terminals rigid wire(s) 35 mm ² max
Tightening torque	3.5 N.m downside 3.5 N.m upside power circuit
Earth-leakage protection	Separate block
Product compatibility	C60 accessories C60 auxiliary
Compatibility code	C60

Environment

Standards	EN 60898 EN/IEC 60947-2
Overvoltage category	IV
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % 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 period	18 months
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