



Main

Range of product	C60
Range	Multi 9
Product name	C60
Product or component type	Miniature circuit-breaker
Device short name	C60a
Device application	Distribution
Poles description	3P
Number of protected poles	3
[In] rated current	20 A at 30 °C
Network type	DC AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	10 kA Icu at 230...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 4500 A Icn at 230/400 V AC 50/60 Hz conforming to EN 60898 3 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 5 kA Icu at 400...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 10 kA Icu at 125 V DC 2P conforming to EN/IEC 60947-2 20 kA Icu at 125 V DC 3P conforming to EN/IEC 60947-2 25 kA Icu 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
[Ue] 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	5...10 x In
[Ics] 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 4500 A conforming to EN 60898 - 230/400 V AC 50/60 Hz

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

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	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 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	0.322 kg
Package 1 Height	0.850 dm
Package 1 width	0.540 dm
Package 1 Length	0.730 dm

Contractual warranty

Warranty	18 months
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