

Product datasheet

Specifications



C60 - circuit breaker - C60N - 1P - 50A - C curve

24408

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	50 A at 30 °C
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Breaking capacity	6000 A Icn at 230...400 V AC conforming to IEC 60898 10 kA Icu at 230...240 V AC conforming to EN/IEC 60947-2 15 kA Icu at 60 V DC conforming to EN/IEC 60947-2 20 kA Icu at 130 V AC conforming to EN/IEC 60947-2 3 kA Icu at 400...415 V AC conforming to EN/IEC 60947-2
Suitability for isolation	Yes conforming to IEC 60947-2

Complementary

[Ue] rated operational voltage	400...415 V AC 230...240 V AC 230...400 V AC 130 V AC
Magnetic tripping limit	5...10 x In
[Ics] rated service breaking capacity	15 kA conforming to EN/IEC 60947-2 - 130 V AC 2.25 kA conforming to EN/IEC 60947-2 - 400...415 V AC 7.5 kA conforming to EN/IEC 60947-2 - 230...240 V AC 6000 A conforming to IEC 60898 - 230...400 V AC
[Ui] rated insulation voltage	500 V AC 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
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 terminals 25 mm ² flexible Tunnel type terminals 35 mm ² rigid

Environment

Standards	IEC 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