

Product datasheet

Specifications



C60 - circuit breaker - C60N - 2P - 32A - B curve

24080

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	2P
Number of protected poles	2
[In] rated current	32 A at 30 °C
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B
Breaking capacity	10 kA Icu at 400...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 6 kA Icu at 440 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 20 kA Icu at 125 V DC 2P conforming to EN/IEC 60947-2 20 kA Icu at 230...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 30 kA Icu at 125 V DC 3P conforming to EN/IEC 60947-2 40 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	3...5 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 6000 A conforming to EN 60898 - 230/400 V AC 50/60 Hz
Limitation class	3 conforming to IEC 60898

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	4
Height	81 mm
Width	36 mm
Depth	73 mm
Net weight	0.24 kg
Mechanical durability	20000 cycles
Connections - terminals	Tunnel type terminals16 mm ² flexible Tunnel type terminals25 mm ² rigid
Earth-leakage protection	Separate block

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