Product data sheet
Characteristics

24080
C60 - circuit breaker - C60N - 2P - 32A - B curve

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
Neutral position	Left
[In] rated current	32 A at 30 °C
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B
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	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 3.75 kA conforming to EN/IEC 60947-2 - 400...415 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

	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 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
Product weight	0.24 kg
Mechanical durability	20000 cycles
Connections - terminals	Tunnel type terminals flexible wire(s) 25 mm² max Tunnel type terminals rigid wire(s) 35 mm² max
Tightening torque	3.5 N.m
Earth-leakage protection	Separate block

Environment

Standards	IEC 60898 EN/IEC 60947-2
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

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0651 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference not containing SVHC above the threshold Reference not containing SVHC above the threshold
Product environmental profile	Available
Product end of life instructions	Need no specific recycling operations