

24075

miniature circuit breaker - C60N - 2 poles - 6 A - B curve

Main

Circuit breaker application	Distribution
Range of product	C60
Device short name	C60N
Poles description	2P
Number of protected poles	1
Neutral position	Left
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B
Suitability for isolation	Yes conforming to IEC 60947-2

Complementary

[In] rated current	6 A (30 °C)
[Ue] rated operational voltage	440 V AC 440 V AC
Magnetic tripping limit	3...5 x In
Breaking capacity	Icn 6 kA at 400 V AC conforming to IEC 60898 Icu 20 kA at 230...240 V AC conforming to IEC 60947-2 Icu 10 kA at 400...415 V AC conforming to IEC 60947-2 Icu 6 kA at 440 V AC conforming to IEC 60947-2 Icu 20 kA at 125 V DC conforming to IEC 60947-2
[Ics] rated service breaking capacity	Ics 4.5 kA 440 V AC conforming to IEC 60947-2 Ics 6 kA 400 V AC conforming to IEC 60898 Ics 7.5 kA 400...415 V AC conforming to IEC 60947-2 Ics 15 kA 230...240 V AC conforming to IEC 60947-2
Limitation class	Class 3 conforming to IEC 60898
[Ui] rated insulation voltage	500 V AC conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to IEC 60947-2
Contact position indicator	Yes
Control type	Operating handle
Local signalling	Positive break indication
Mounting mode	Fixed
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	4
Product weight	0.24 kg
Mechanical durability	20000 cycles
Connections - terminals	Tunnel type terminals 16 mm ² flexible Tunnel type terminals 25 mm ² rigid
Tightening torque	2 N.m

Environment

Standards	IEC 60898 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

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

RoHS EUR conformity date	0643
RoHS EUR status	Compliant