



Main

Circuit breaker application	Distribution
Range of product	IC60
Device short name	IC60N
Poles description	2P
Number of protected poles	2
[In] rated current	1 A
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	C
Utilisation category	Category A EN 60947-2 Category A IEC 60947-2
Suitability for isolation	Yes EN 60898-1 Yes EN 60947-2 Yes IEC 60898-1 Yes IEC 60947-2

Complementary

Network frequency	50/60 Hz
[Ue] rated operational voltage	100...130 V AC 50/60 Hz 12...60 V AC 50/60 Hz 220...240 V AC 50/60 Hz 380...415 V AC 50/60 Hz 400 V AC 50/60 Hz 440 V AC 50/60 Hz 12...144 V DC
Magnetic tripping limit	8 x In +/- 20 %
Breaking capacity	50 kA Icu EN 60947-2 100...130 V AC 50/60 Hz 50 kA Icu EN 60947-2 12...60 V AC 50/60 Hz 50 kA Icu EN 60947-2 220...240 V AC 50/60 Hz 50 kA Icu EN 60947-2 380...415 V AC 50/60 Hz 50 kA Icu IEC 60947-2 100...130 V AC 50/60 Hz 50 kA Icu IEC 60947-2 12...60 V AC 50/60 Hz 50 kA Icu IEC 60947-2 220...240 V AC 50/60 Hz 50 kA Icu IEC 60947-2 380...415 V AC 50/60 Hz 6000 A Icn EN 60898-1 400 V AC 50/60 Hz 6000 A Icn IEC 60898-1 400 V AC 50/60 Hz 25 kA Icu EN 60947-2 440 V AC 50/60 Hz 25 kA Icu IEC 60947-2 440 V AC 50/60 Hz 6 kA Icu EN 60947-2 12...144 V DC 6 kA Icu IEC 60947-2 12...144 V DC
[Ics] rated service breaking capacity	50 kA 100 % EN 60947-2 100...130 V AC 50/60 Hz 50 kA 100 % EN 60947-2 12...60 V AC 50/60 Hz 50 kA 100 % EN 60947-2 220...240 V AC 50/60 Hz 50 kA 100 % IEC 60947-2 100...130 V AC 50/60 Hz 50 kA 100 % IEC 60947-2 12...60 V AC 50/60 Hz 50 kA 100 % IEC 60947-2 220...240 V AC 50/60 Hz 6 kA 100 % EN 60947-2 12...144 V DC 50 kA 100 % EN 60947-2 380...415 V AC 50/60 Hz 25 kA 100 % EN 60947-2 440 V AC 50/60 Hz 6 kA 100 % IEC 60947-2 12...144 V DC 50 kA 100 % IEC 60947-2 380...415 V AC 50/60 Hz 25 kA 100 % IEC 60947-2 440 V AC 50/60 Hz
Limitation class	3 EN 60898-1 3 IEC 60898-1
[Ui] rated insulation voltage	500 V AC 50/60 Hz EN 60947-2 500 V AC 50/60 Hz IEC 60947-2

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance 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.

[Uimp] rated impulse withstand voltage	6 kV EN 60947-2 6 kV IEC 60947-2
Contact position indicator	Yes
Control type	Toggle
Local signalling	Trip indicator
Mounting mode	Removable comb busbar installed
Mounting support	DIN rail
9 mm pitches	4
Width	36 mm
Colour	White
Connections - terminals	Tunnel terminal with flap top or bottom 1...25 mm ² solid 1 Tunnel terminal with flap top or bottom 0.5...16 mm ² flexible with cable end 1 Tunnel terminal with flap top or bottom 0.5...16 mm ² flexible without cable end 1 Tunnel terminal with flap top or bottom 1.5 mm ² flexible without cable end 1...5 Tunnel terminal with flap top or bottom 1.5 mm ² solid 1...5 Tunnel terminal with flap top or bottom 2.5 mm ² flexible without cable end 1...3 Tunnel terminal with flap top or bottom 2.5 mm ² solid 1...3
Wire stripping length	14 mm top or bottom
Tightening torque	2 nm top or bottom
Earth-leakage protection	Separate block

Environment

Standards	EN 60898-1 EN 60947-2 IEC 60898-1 IEC 60947-2
IP degree of protection	IP3 EN 60947-2 IP3 IEC 60947-2
Pollution degree	3 EN 60947-2 3 IEC 60947-2
Electrical shock protection class	Class II front face
Tropicalisation	2 EN/IEC 60068-2-78
Relative humidity	95 %
Operating altitude	0...2000 m
Ambient air temperature for operation	-35...70 °C
Ambient air temperature for storage	-40...85 °C
RoHS EUR status	Compliant
RoHS EUR conformity date	1001