

Product datasheet

Specifications



Miniature circuit breaker (MCB), Acti9 iC60N, 2P, 0.5A, D curve, 6000A (IEC/EN 60898-1), 50kA (IEC/EN 60947-2)

A9F75270

Main

Device application	Distribution
Range	Acti9
Product name	Acti9 iC60
Product or component type	Miniature circuit-breaker
Device short name	IC60N
poles description	2P
Number of protected poles	2
[In] rated current	0.5 A
Network type	AC DC
Trip unit technology	Thermal-magnetic
Curve code	D
Breaking capacity	6000 A Icn at 400 V AC 50/60 Hz conforming to EN/IEC 60898-1 50 kA Icu at 12...60 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 kA Icu at 100...133 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 kA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 25 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 10 kA Icu at <= 125 V DC conforming to EN/IEC 60947-2
Utilisation category	Category A conforming to EN 60947-2 Category A conforming to IEC 60947-2
Suitability for isolation	Yes conforming to EN 60898-1 Yes conforming to EN 60947-2 Yes conforming to IEC 60898-1 Yes conforming to IEC 60947-2
Standards	IEC 60947-2 EN 60947-2 IEC 60898-1 EN 60898-1

Complementary

Network frequency	50/60 Hz
Magnetic tripping limit	12 x In +/- 20 %

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

[Ics] rated service breaking capacity	50 kA 100 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 50 kA 100 % conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz 50 kA 100 % conforming to EN 60947-2 - 380...415 V AC 50/60 Hz 25 kA 100 % conforming to EN 60947-2 - 440 V AC 50/60 Hz 50 kA 100 % conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz 25 kA 100 % conforming to IEC 60947-2 - 440 V AC 50/60 Hz 50 kA 100 % conforming to IEC 60947-2 - 12...133 V AC 50/60 Hz 50 kA 100 % conforming to EN 60947-2 - 12...133 V AC 50/60 Hz 6000 A 100 % conforming to EN 60898-1 - 400 V AC 50/60 Hz 6000 A 100 % conforming to IEC 60898-1 - 400 V AC 50/60 Hz 10 kA 100 % conforming to IEC 60947-2 - 72...125 V DC 10 kA 100 % conforming to EN 60947-2 - 72...125 V DC
[Ui] rated insulation voltage	500 V AC 50/60 Hz conforming to EN 60947-2 500 V AC 50/60 Hz conforming to IEC 60947-2
[Uimp] rated impulse withstand voltage	6 kV conforming to EN 60947-2 6 kV conforming to IEC 60947-2
Contact position indicator	Yes
Control type	Toggle
Local signalling	Trip indicator
mounting mode	Fixed
mounting support	DIN rail
Comb busbar and distribution block compatibility	Top or bottom: YES
9 mm pitches	4
Height	85 mm
Width	36 mm
Depth	78.5 mm
Net weight	0.25 kg
Colour	White
Mechanical durability	20000 cycles
Electrical durability	10000 cycles
Connections - terminals	Single terminal (top or bottom) 1...25 mm ² rigid Single terminal (top or bottom) 1...16 mm ² flexible
Wire stripping length	14 mm for top or bottom connection
Tightening torque	2 N.m top or bottom
Earth-leakage protection	Separate block

Environment

IP degree of protection	IP20 conforming to IEC 60529 IP20 conforming to EN 60529
Pollution degree	3 conforming to EN 60947-2 3 conforming to IEC 60947-2
Overvoltage category	IV
Tropicalisation	2 conforming to IEC 60068-1
Relative humidity	95 % at 55 °C
Operating altitude	0...2000 m
Ambient air temperature for operation	-35...70 °C
Ambient air temperature for storage	-40...85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.2 cm
Package 1 Width	3.5 cm
Package 1 Length	9.5 cm
Package 1 Weight	224.0 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	7.8 cm
Package 2 Width	9.7 cm
Package 2 Length	22.5 cm
Package 2 Weight	1.408 kg
Unit Type of Package 3	S03
Number of Units in Package 3	66
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	15.978 kg

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.


[Learn more about Green Premium >](#)


[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

 Mercury Free

 Rohs Exemption Information Yes

 Halogen Free Product

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)
Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile No need of specific recycling operations