

Product datasheet

Specifications



Miniature circuit-breaker, Acti9 iC60N, 1P, 6 A, C curve, 6000 A (IEC 60898-1), 10 kA (IEC 60947-2)

A9F04106

EAN Code: 3606480440335

Main

Device Application	Distribution
Range	Acti9
Product Name	Acti9 iC60
Product Or Component Type	Miniature circuit-breaker
Device Short Name	IC60N
Poles Description	1P
Number Of Protected Poles	1
[In] Rated Current	6 A
Network Type	AC DC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Breaking Capacity	6000 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1 10 kA Icu at 60...72 V DC conforming to EN/IEC 60947-2 15 kA Icu at 12...60 V DC conforming to EN/IEC 60947-2 10 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 36 kA Icu at 12...60 V AC 50/60 Hz conforming to EN/IEC 60947-2 20 kA Icu at 100...133 V AC 50/60 Hz conforming to EN/IEC 60947-2
Utilisation Category	Category A conforming to EN 60898-1 Category A conforming to IEC 60898-1
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	EN 60947-2 EN 60898-1 IEC 60898-1 IEC 60947-2

Complementary

Network Frequency	50/60 Hz
Magnetic Tripping Limit	8 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	27 kA 75 % conforming to EN 60947-2 - 12...60 V AC 50/60 Hz 7.5 kA 75 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 27 kA 75 % conforming to IEC 60947-2 - 12...60 V AC 50/60 Hz 7.5 kA 75 % conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz 15 kA 75 % conforming to IEC 60947-2 - 100...133 V AC 50/60 Hz 15 kA 75 % conforming to EN 60947-2 - 100...133 V AC 50/60 Hz 6000 A 100 % conforming to EN 60898-1 - 230 V AC 50/60 Hz 6000 A 100 % conforming to IEC 60898-1 - 230 V AC 50/60 Hz 10 kA 100 % conforming to EN 60947-2 - 72 V DC 10 kA 100 % conforming to IEC 60947-2 - 72 V DC 15 kA 100 % conforming to EN 60947-2 - 12...60 V DC 15 kA 100 % conforming to IEC 60947-2 - 12...60 V DC
Limitation Class	3 conforming to EN 60898-1 3 conforming to IEC 60898-1
[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 Support	DIN rail
9 Mm Pitches	2
Height	91 mm
Width	18 mm
Depth	78.5 mm
Net Weight	0.125 kg
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	10000 cycles
Connections - Terminals	Double terminal (top or bottom) 1...25 mm ² rigid Double 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	Without

Environment

Ip Degree Of Protection	IP20 conforming to IEC 60529 IP20 conforming to EN 60529
Pollution Degree	3
Overvoltage Category	IV
Tropicalisation	2
Relative Humidity	95 % at 55 °C
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	1.8 cm
Package 1 Width	7.5 cm
Package 1 Length	8.7 cm
Package 1 Weight	116 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	12
Package 2 Height	8.5 cm
Package 2 Width	9.5 cm
Package 2 Length	21.3 cm
Package 2 Weight	1.455 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	132
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	16.666 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

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