

Product datasheet

Specifications



Miniature circuit-breaker. Acti9 iC60N. 1P. 0.5 A. B curve. 6000 A (IEC 60898-1). 50 kA (IEC 60947-2)

A9F73170

! To be discontinued

! To be discontinued on: 15 Aug 2024

Price: 554.40 ZAR

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	0.5 A
Network Type	AC DC
Trip Unit Technology	Thermal-magnetic
Curve Code	B
Breaking Capacity	6000 A Icn at 230 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 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
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	EN 60898-1 IEC 60947-2 EN 60947-2 IEC 60898-1

Complementary

Network Frequency	50/60 Hz
Magnetic Tripping Limit	4 x In +/- 20 %

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

[Ics] Rated Service Breaking Capacity	50 kA 100 % conforming to EN 60947-2 - 12...60 V AC 50/60 Hz 50 kA 100 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 50 kA 100 % conforming to IEC 60947-2 - 12...60 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 IEC 60947-2 - 100...133 V AC 50/60 Hz 50 kA 100 % 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 Mode	Fixed
Mounting Support	DIN rail
Comb Busbar And Distribution Block Compatibility	Top or bottom: YES
9 Mm Pitches	2
Height	85 mm
Width	18 mm
Depth	78.5 mm
Net Weight	0.215 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	Without

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	1.8 cm
Package 1 Width	7.5 cm
Package 1 Length	9.4 cm
Package 1 Weight	115.0 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	12
Package 2 Height	8.0 cm
Package 2 Width	9.8 cm
Package 2 Length	22.5 cm
Package 2 Weight	1.396 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	132
Package 3 Height	30.0 cm
Package 3 Width	30.0 cm
Package 3 Length	40.0 cm
Package 3 Weight	15.884 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