

# Product datasheet

Specifications



Miniature circuit breaker (MCB), Acti9 iC60N, 4P, 32A, D curve, 6000A (IEC/EN 60898-1), 10kA (IEC/EN 60947-2)

A9F75432

## Main

Device application	Distribution
Range	Acti9
Product name	Acti9 iC60
Product or component type	Miniature circuit-breaker
Device short name	IC60N
poles description	4P
Number of protected poles	4
[In] rated current	32 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 36 kA Icu at 12...60 V AC 50/60 Hz conforming to EN/IEC 60947-2 10 kA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2 20 kA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 6 kA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2 36 kA Icu at 100...133 V AC 50/60 Hz conforming to EN/IEC 60947-2 10 kA Icu at <= 250 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 60898-1 EN 60947-2 IEC 60947-2

## 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

<b>[Ics] rated service breaking capacity</b>	15 kA 75 % conforming to EN 60947-2 - 220...240 V AC 50/60 Hz 7.5 kA 75 % conforming to EN 60947-2 - 380...415 V AC 50/60 Hz 4.5 kA 75 % conforming to EN 60947-2 - 440 V AC 50/60 Hz 15 kA 75 % conforming to IEC 60947-2 - 220...240 V AC 50/60 Hz 7.5 kA 75 % conforming to IEC 60947-2 - 380...415 V AC 50/60 Hz 4.5 kA 75 % conforming to IEC 60947-2 - 440 V AC 50/60 Hz 27 kA 75 % conforming to IEC 60947-2 - 12...133 V AC 50/60 Hz 27 kA 75 % 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 - 180...250 V DC 10 kA 100 % conforming to EN 60947-2 - 180...250 V DC
<b>[Ui] rated insulation voltage</b>	500 V AC 50/60 Hz conforming to EN 60947-2 500 V AC 50/60 Hz conforming to IEC 60947-2
<b>[Uimp] rated impulse withstand voltage</b>	6 kV conforming to EN 60947-2 6 kV conforming to IEC 60947-2
<b>Contact position indicator</b>	Yes
<b>Control type</b>	Toggle
<b>Local signalling</b>	Trip indicator
<b>mounting mode</b>	Fixed
<b>mounting support</b>	DIN rail
<b>Comb busbar and distribution block compatibility</b>	Top or bottom: YES
<b>9 mm pitches</b>	8
<b>Height</b>	85 mm
<b>Width</b>	72 mm
<b>Depth</b>	78.5 mm
<b>Net weight</b>	0.5 kg
<b>Colour</b>	White
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	10000 cycles
<b>Connections - terminals</b>	Single terminal (top or bottom) 1...35 mm <sup>2</sup> rigid Single terminal (top or bottom) 1...25 mm <sup>2</sup> flexible
<b>Wire stripping length</b>	14 mm for top or bottom connection
<b>Tightening torque</b>	3.5 N.m top or bottom
<b>Earth-leakage protection</b>	Separate block

## Environment

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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	7.500 cm
<b>Package 1 Width</b>	7.200 cm
<b>Package 1 Length</b>	9.400 cm
<b>Package 1 Weight</b>	497.000 g
<b>Unit Type of Package 2</b>	BB1
<b>Number of Units in Package 2</b>	3
<b>Package 2 Height</b>	8.000 cm
<b>Package 2 Width</b>	9.800 cm
<b>Package 2 Length</b>	22.500 cm
<b>Package 2 Weight</b>	1.529 kg
<b>Unit Type of Package 3</b>	S03
<b>Number of Units in Package 3</b>	33
<b>Package 3 Height</b>	30.000 cm
<b>Package 3 Width</b>	30.000 cm
<b>Package 3 Length</b>	40.000 cm
<b>Package 3 Weight</b>	17.400 kg

## Contractual warranty

<b>Warranty</b>	18 months
-----------------	-----------

## 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-CO<sub>2</sub> 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

RoHS Exemption Information Yes

## Certifications & Standards

Reach Regulation	<a href="#">REACH Declaration</a>
Eu RoHS Directive	Compliant with Exemptions
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
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

Image of product / Alternate images

Alternative

---





