

# Product datasheet

Specifications



## Acti9 iC60 RCBO - 4P - 32 A - B Curve - 6000A/6kA - 30 mA - A type

A9D87432

EAN Code: 3606481157584

### Main

Range	Acti9
Product name	Acti9 iC60 RCBO
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	iC60 RCBO
Device application	Distribution
Poles description	4P
Number of protected poles	4
[In] rated current	32 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	B
Earth-leakage sensitivity	30 mA
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A
Breaking capacity	6000 A Icn at 380...415 V AC 50 Hz conforming to EN/IEC 61009-2-1 6 kA Icu at 380...415 V AC 50 Hz conforming to EN/IEC 60947-2
Suitability for isolation	No conforming to IEC 60947-1
Quality labels	IMQ VDE NF KEMA-KEUR

### Complementary

Complementary	Outgoer
Network frequency	50 Hz
[Ue] rated operational voltage	380...415 V AC 50 Hz
Magnetic tripping limit	3...5 x In
Residual current tripping technology	Voltage independent
[Ics] rated service breaking capacity	6000 A 100 % x Icn at 380...415 V AC 50 Hz conforming to EN/IEC 61009-2-1 6 kA 100 % x Icu at 380...415 V AC 50 Hz conforming to EN/IEC 60947-2
Rated breaking and making capacity	I <sub>dm</sub> 6000 A at 380...415 V AC 50 Hz conforming to EN/IEC 61009-2-1
Limitation class	1 conforming to EN/IEC 61009-2-1
[Ui] rated insulation voltage	500 V AC 50 Hz

<b>[Uimp] rated impulse withstand voltage</b>	4 kV
<b>Surge current</b>	250 A
<b>Contact position indicator</b>	No
<b>Control type</b>	Toggle
<b>Local signalling</b>	ON, OFF, fault trip
<b>Mounting mode</b>	Clip-on
<b>Mounting support</b>	DIN rail
<b>Comb busbar and distribution block compatibility</b>	Top or bottom: YES Bottom: biconnect
<b>Connection pitch</b>	9 mm between poles
<b>9 mm pitches</b>	8
<b>Height</b>	86 mm
<b>width</b>	72 mm
<b>Depth</b>	78 mm
<b>Net weight</b>	423 g
<b>Colour</b>	White
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	10000 cycles
<b>Connections - terminals</b>	Tunnel type terminal top or bottom 1...35 mm <sup>2</sup> rigid Tunnel type terminal top or bottom 1...25 mm <sup>2</sup> flexible Tunnel type terminal top or bottom 1...25 mm <sup>2</sup> flexible with ferrule
<b>Wire stripping length</b>	12 mm for top or bottom connection
<b>Tightening torque</b>	2 N.m
<b>Earth-leakage protection</b>	Integrated

## Environment

<b>Standards</b>	EN/IEC 60947-2 EN/IEC 61009-2-1
<b>IP degree of protection</b>	IP40 (distribution enclosure) conforming to IEC 60529 IP20 conforming to IEC 60529
<b>Overvoltage category</b>	III conforming to IEC 60364
<b>Electromagnetic compatibility</b>	8/20 µs impulse withstand, 250 A conforming to EN/IEC 61009-2-1
<b>Tropicalisation</b>	2
<b>Relative humidity</b>	95 % at 55 °C
<b>Ambient air temperature for operation</b>	-25...60 °C
<b>Ambient air temperature for storage</b>	-40...70 °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>	8.200 cm
<b>Package 1 Width</b>	7.200 cm
<b>Package 1 Length</b>	10.200 cm

Package 1 Weight	446.000 g
Unit Type of Package 2	BB1
Number of Units in Package 2	3
Package 2 Height	9.500 cm
Package 2 Width	11.500 cm
Package 2 Length	26.500 cm
Package 2 Weight	1.412 kg
Unit Type of Package 3	S03
Number of Units in Package 3	18
Package 3 Height	30.000 cm
Package 3 Width	30.000 cm
Package 3 Length	40.000 cm
Package 3 Weight	8.990 kg

## Logistical informations

Country of origin	PT
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## Contractual warranty

Warranty	18 months
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[How this information helps you >](#)

### Environmental footprint

[Environmental Disclosure](#)

[Product Environmental Profile](#)

## Use Better

### Materials and Substances

Packaging made with recycled cardboard **No**

Packaging without single use plastic **Yes**

EU RoHS Directive **Compliant with Exemptions**

SCIP Number **A7b24ae6-2312-4e67-b7c9-56fce3e8c723**

REACH Regulation [REACH Declaration](#)

China RoHS Regulation [China RoHS declaration](#)

## Use Again

### Repack and remanufacture

[Circularity Profile](#)

[End of Life Information](#)

WEEE



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

Take-back

No

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