# **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	В	
Earth-leakage sensitivity	30 mA	
Earth-leakage protection time delay	Instantaneous	
Earth-leakage protection class	Type A	
Breaking capacity	6000 A lcn at 380415 V AC 50 Hz conforming to EN/IEC 61009-2-1 6 kA lcu at 380415 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	380415 V AC 50 Hz	
Magnetic tripping limit	35 x ln	
Residual current tripping technology	Voltage independent	
[lcs] rated service breaking capacity	6000 A 100 % x Icn at 380415 V AC 50 Hz conforming to EN/IEC 61009-2-1 6 kA 100 % x Icu at 380415 V AC 50 Hz conforming to EN/IEC 60947-2	
Rated breaking and making capacity	Idm 6000 A at 380415 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	

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[Uimp] rated impulse withstand voltage	4 kV	
Surge current	250 A	
Contact position indicator	No	
Control type	Toggle	
Local signalling	ON, OFF, fault trip	
Mounting mode	Clip-on	
Mounting support	DIN rail	
Comb busbar and distribution block compatibility	Top or bottom: YES Bottom: biconnect	
Connection pitch	9 mm between poles	
9 mm pitches	8	
Height	86 mm	
Width	72 mm	
Depth	78 mm	
Product weight	423 g	
Colour	White	
Mechanical durability	20000 cycles	
Electrical durability	10000 cycles	
Connections - terminals	Tunnel type terminal top or bottom 135 mm² rigid  Tunnel type terminal top or bottom 125 mm² flexible  Tunnel type terminal top or bottom 125 mm² flexible with ferrule	
Wire stripping length	12 mm for top or bottom connection	
Tightening torque	2 N.m	
Earth-leakage protection	Integrated	

#### **Environment**

Standards	EN/IEC 60947-2 EN/IEC 61009-2-1	
IP degree of protection	IP40 (distribution enclosure) conforming to IEC 60529 IP20 conforming to IEC 60529	
Overvoltage category	III conforming to IEC 60364	
Electromagnetic compatibility	8/20 μs impulse withstand, 250 A conforming to EN/IEC 61009-2-1	
Tropicalisation	2	
Relative humidity	95 % at 55 °C	
Ambient air temperature for operation	-2560 °C	
Ambient air temperature for storage	-4070 °C	

## **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.200 cm
Package 1 Width	7.200 cm
Package 1 Length	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

### Contractual warranty

Warranty 18 months



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.

Environmental Data explained >

How we assess product sustainability

Environmental footbrint	Q	<b>Environmental footprint</b>
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Environmental Disclosure Product Environmental Profile

#### **Use Better**

<b>⊗</b> Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	Yes
SCIP Number	A7b24ae6-2312-4e67-b7c9-56fce3e8c723
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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