

# Product datasheet

Specifications



## Acti9 iC60H RCBO plug on neutral - 1P+N<sub>s</sub> - 45A - C - 10000A - 100mA - type A

Local distributor code:

405638815

A9D06845

**EAN Code: 3606481369185**

## Main

Circuit breaker application	Distribution
Range	Acti9
Product name	Acti9 iC60 RCBO
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	iC60H RCBO PoN
poles description	1P + N <sub>s</sub>
[In] rated current	45 A at 50 °C
Earthing system	TN
Curve code	C
Earth-leakage sensitivity	100 mA
Breaking capacity	10000 A I <sub>cn</sub> at 240 V AC 50/60 Hz conforming to IEC 61009-2-2

## Complementary

Neutral position	Left
Number of protected poles	1
Device location in system	Outgoer
network frequency	50/60 Hz
network type	AC
Trip unit technology	Thermal-magnetic
Magnetic tripping limit	5...10 x I <sub>n</sub>
[U <sub>e</sub> ] rated operational voltage	240 V AC 50/60 Hz
Residual current tripping technology	Voltage dependent
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Type A
[I <sub>cs</sub> ] rated service breaking capacity	7500 A at 240 V AC 50/60 Hz conforming to IEC 61009-2-2
Electrical insulation class	Class II
Limitation class	3
[U <sub>i</sub> ] rated insulation voltage	400 V AC 50/60 Hz
[U <sub>imp</sub> ] rated impulse withstand voltage	4 kV
Surge current	250 A
Suitability for isolation	Yes

Contact position indicator	Yes
Control type	Toggle
local signalling	Fault indication ON/OFF indication
mounting mode	Plug-on
mounting support	Isobar A Isobar B
Comb busbar and distribution block compatibility	NO
9 mm pitches	2
Height	110 mm
Width	18 mm
Depth	72 mm
Net weight	156 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	5000 cycles
Locking options description	Padlock in on or off position
Connections - terminals	Screw clamp terminal (top) 1...16 mm <sup>2</sup> flexible Screw clamp terminal (bottom) 1...10 mm <sup>2</sup> flexible Screw clamp terminal (top) 1...25 mm <sup>2</sup> rigid Screw clamp terminal (bottom) 1...16 mm <sup>2</sup> rigid Plug-on neutral (upstream)
Wire stripping length	14 mm for top connection 13 mm for bottom connection
Tightening torque	3.5 N.m top 2 N.m bottom
Earth-leakage protection	Integrated

## Environment

Standards	BS EN 61009-1 IEC 61009-1 IEC 61009-2-2
Product certifications	CB
IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Overvoltage category	II
Tropicalisation	2
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-15...60 °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	8.8 cm
Package 1 Width	1.8 cm

<b>Package 1 Length</b>	13.1 cm
<b>Package 1 Weight</b>	193 g
<b>Unit Type of Package 2</b>	S02
<b>Number of Units in Package 2</b>	34
<b>Package 2 Height</b>	15 cm
<b>Package 2 Width</b>	30 cm
<b>Package 2 Length</b>	40 cm
<b>Package 2 Weight</b>	7.065 kg
<b>Unit Type of Package 3</b>	P12
<b>Number of Units in Package 3</b>	1088
<b>Package 3 Height</b>	60 cm
<b>Package 3 Width</b>	80 cm
<b>Package 3 Length</b>	120 cm
<b>Package 3 Weight</b>	246.08 kg

## Contractual warranty

<b>Warranty</b>	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-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

Mercury Free

Rohs Exemption Information Yes

Halogen Free Plastic Parts Product

## 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