

# Product datasheet

Specifications



## Acti9 iC60H RCBO plug on neutral - 1P+N<sub>s</sub> - 6A - B - 10000A - 30mA - type A

Local distributor code: 405638828 A9D56806

EAN Code : 3606481369352

### 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>
[I <sub>n</sub> ] rated current	6 A at 50 °C
Earthing system	TN
Curve code	B
Earth-leakage sensitivity	30 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	3...5 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

<b>[Ui] rated insulation voltage</b>	400 V AC 50/60 Hz
<b>[Uimp] rated impulse withstand voltage</b>	4 kV
<b>Surge current</b>	250 A
<b>Suitability for isolation</b>	Yes
<b>Contact position indicator</b>	Yes
<b>Control type</b>	Toggle
<b>Local signalling</b>	ON/OFF indication Fault indication
<b>Mounting mode</b>	Plug-on
<b>Mounting support</b>	Isobar A Isobar B
<b>Comb busbar and distribution block compatibility</b>	NO
<b>9 mm pitches</b>	2
<b>Height</b>	110 mm
<b>Width</b>	18 mm
<b>Depth</b>	72 mm
<b>Net weight</b>	156 g
<b>Colour</b>	White
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	5000 cycles
<b>Locking options description</b>	Padlock in on or off position
<b>Connections - terminals</b>	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)
<b>Wire stripping length</b>	14 mm for top connection 13 mm for bottom connection
<b>Tightening torque</b>	3.5 N.m top 2 N.m bottom
<b>Earth-leakage protection</b>	Integrated

## Environment

<b>Standards</b>	BS EN 61009-1 IEC 61009-1 IEC 61009-2-2
<b>Product certifications</b>	CB
<b>IP degree of protection</b>	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
<b>Overvoltage category</b>	II
<b>Tropicalisation</b>	2
<b>Relative humidity</b>	95 % at 55 °C
<b>Ambient air temperature for operation</b>	-15...60 °C
<b>Ambient air temperature for storage</b>	-40...85 °C

## Packing Units

<b>Unit Type of Package 1</b>	PCE
-------------------------------	-----

Number of Units in Package 1	1
Package 1 Weight	193.0 g
Package 1 Height	8.8 cm
Package 1 width	1.8 cm
Package 1 Length	13.1 cm
Unit Type of Package 2	P12
Number of Units in Package 2	1088
Package 2 Weight	246.08 kg
Package 2 Height	60.0 cm
Package 2 width	80.0 cm
Package 2 Length	120.0 cm
Unit Type of Package 3	S02
Number of Units in Package 3	34
Package 3 Weight	7.065 kg
Package 3 Height	15.0 cm
Package 3 width	30.0 cm
Package 3 Length	40.0 cm

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
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>
Circularity Profile	<a href="#">End of Life Information</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free plastic parts product

## Contractual warranty

Warranty	18 months
----------	-----------