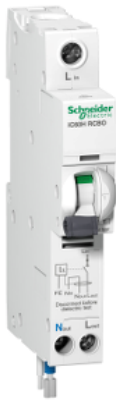


# Product datasheet

Specifications



## iC60H - earth leakage circuit breaker - 1P + N - B curve - 20 A - 30 mA - 240 V

TSI Code: 396790299 A9D31820

### Main

Circuit breaker application	Distribution
Range	Acti 9
Product name	Acti9 iC60 RCBO
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	IC60H RCBO
Poles description	1P + N
[In] rated current	20 A at 50 °C
Earthing system	TN
Curve code	B
Earth-leakage sensitivity	30 mA
Breaking capacity	10000 A Icn at 240 V AC 50/60 Hz

### Complementary

Neutral position	Left
Number of protected poles	1
Device location in system	Outgoer
Network frequency	50 Hz
Network type	AC
Trip unit technology	Thermal-magnetic
[Ue] 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
[Icw] rated short-time withstand current	Icw: 250 A during 8/20 µs impulse withstand
[Ics] rated service breaking capacity	7500 A at 240 V AC 50/60 Hz
Limitation class	3
[Ui] rated insulation voltage	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
<b>Mounting mode</b>	Clip-on
<b>Mounting support</b>	DIN rail
<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>	77.5 mm
<b>Product weight</b>	205 g
<b>Colour</b>	White
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	5000 cycles
<b>Provision for padlocking</b>	Padlockable with padlock Ø 4 mm
<b>Locking options description</b>	ON/OFF locking facilities
<b>Connections - terminals</b>	Screw clamp terminal (top) 1...25 mm <sup>2</sup> rigid without cable end Screw clamp terminal (top) 1...16 mm <sup>2</sup> flexible Screw clamp terminal (bottom) 1...16 mm <sup>2</sup> rigid without cable end Screw clamp terminal (bottom) 1...10 mm <sup>2</sup> flexible
<b>Wire stripping length</b>	Power circuit: 13 mm for bottom connection Power circuit: 14 mm for top connection
<b>Tightening torque</b>	Power circuit: 3.5 N.m top Power circuit: 2 N.m bottom
<b>Earth-leakage protection</b>	Integrated

## Environment

<b>Standards</b>	IEC 61009-2-2 IEC 61009-1 AS/NZS 61009.1 BS EN 61009-1
<b>IP degree of protection</b>	IP20
<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
<b>Number of Units in Package 1</b>	1
<b>Package 1 Weight</b>	219.8 g
<b>Package 1 Height</b>	2.7 cm
<b>Package 1 width</b>	11.3 cm

Package 1 Length	14 cm
Unit Type of Package 2	S02
Number of Units in Package 2	34
Package 2 Weight	7.87 kg
Package 2 Height	15 cm
Package 2 width	30 cm
Package 2 Length	40 cm
Package 3 Height	75 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

## Contractual warranty

Warranty	18 months
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