# Product data sheet

Specification





Residual current breaker with overcurrent protection (RCBO), Acti9 iC60H RCBO, 1P + Ns, 6A, 30mA, A type, 10000A

A9D11806

#### 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	
Poles Description	1P + Ns	
[In] Rated Current	6 A at 50 °C	
Earthing System	TN	
Curve Code	С	
Earth-Leakage Sensitivity	30 mA	
Breaking Capacity	10000 A Icn at 230/240 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	230/240 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 230/240 V AC 50/60 Hz	
Limitation Class	3	
[Ui] Rated Insulation Voltage	400 V AC 50/60 Hz	
[Uimp] Rated Impulse Withstand Voltage	4 kV	
Surge Current	250 A	
Suitability For Isolation	Yes	

Contact Position Indicator	Yes	
Control Type	Toggle	
Local Signalling	ON/OFF indication	
Mounting Mode	Clip-on	
Mounting Support	DIN rail	
Comb Busbar And Distribution Block Compatibility	NO	
9 Mm Pitches	2	
Height	110 mm	
Width	18 mm	
Depth	77.5 mm	
Net Weight	205 g	
Colour	White	
Mechanical Durability	20000 cycles	
Electrical Durability	5000 cycles	
Provision For Padlocking	Padlockable with padlock Ø 4 mm	
Locking Options Description	ON/OFF locking facilities	
Connections - Terminals	Screw clamp terminal (top) 125 mm² rigid without cable end Screw clamp terminal (top) 116 mm² flexible Screw clamp terminal (bottom) 116 mm² rigid without cable end Screw clamp terminal (bottom) 110 mm² flexible	
Wire Stripping Length	Power circuit: 13 mm for bottom connection Power circuit: 14 mm for top connection	
Tightening Torque	Power circuit: 3.5 N.m top Power circuit: 2 N.m bottom	
Earth-Leakage Protection	Integrated	

### **Environment**

Standards	IEC 61009-1 AS/NZS 61009.1 IEC 61009-2-2 BS EN 61009-1	
Ip Degree Of Protection	IP20	
Tropicalisation	2	
Relative Humidity	95 % at 55 °C	
Ambient Air Temperature For Operation	-1560 °C	
Ambient Air Temperature For Storage	-4085 °C	

## **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	2.8 cm
Package 1 Width	11.2 cm
Package 1 Length	13.3 cm
Package 1 Weight	217 g
Unit Type Of Package 2	S02

Number Of Units In Package 2	34
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	7.696 kg
Unit Type Of Package 3	P12
Number Of Units In Package 3	1088
Package 3 Height	80 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	256.128 kg

## Sustainability Screen Premium

**Green Premium**<sup>TM</sup> **label** is Schneider Electric's commitment to delivering products with best-inclass 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.

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Guide to assess a product's sustainability >





Transparency RoHS/REACh

### Well-being performance



Mercury Free



Rohs Exemption Information

Yes

#### **Certifications & Standards**

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration  Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
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  Circularity Profile