

# Acti9 iC60H RCBO plug on neutral - 1P+Ns - 6A - B - 10000A - 30mA - type A

A9D56806

## 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 + Ns
[In] rated current	6 A at 50 °C
Earthing system	TN
Curve code	В
Earth-leakage sensitivity	30 mA
Breaking capacity	10000 A Icn 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	35 x ln
[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
[Ics] 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
[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 Fault 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) 116 mm² flexible Screw clamp terminal (bottom) 110 mm² flexible Screw clamp terminal (top) 125 mm² rigid Screw clamp terminal (bottom) 116 mm² 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	СВ	
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	-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	8.8 cm
Package 1 Width	1.8 cm

Package 1 Length	13.1 cm
	10.1 0.11
Package 1 Weight	193 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	7.065 kg
Unit Type of Package 3	P12
Number of Units in Package 3	1088
Package 3 Height	60 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	246.08 kg

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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 footprint	
Total lifecycle Carbon footprint	42
Environmental Disclosure	Product Environmental Profile

### **Use Better**

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant with Exemptions
SCIP Number	8fc881ba-477f-44ce-8482-1ca7af7406a4
REACh Regulation	REACh Declaration
Halogen-free status	Halogen free plastic parts product

### **Use Again**

○ Repack and remanufacture	
End of life manual availability	No need of specific recycling operations
Take-back	Yes
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins