

iC60H - earth leakage circuit breaker - 1P + N - C curve - 16 A -30 mA - 240 V

A9D11816

## 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	16 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

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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	BS EN 61009-1 IEC 61009-1 IEC 61009-2-2 AS/NZS 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	2.5 cm
Package 1 Width	11.2 cm
Package 1 Length	13.8 cm
Package 1 Weight	218 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	7.73 kg
Unit Type of Package 3	P12
Number of Units in Package 3	1088
Package 3 Height	75 cm
Package 3 Width	80 cm
Package 3 Length	120 cm
Package 3 Weight	262.88 kg



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	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	21
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	170f0083-3431-44d4-b5b4-c8b8e68e05e4
REACh Regulation	REACh Declaration

## **Use Again**

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

Image of product / Alternate images

## **Alternative**











