

Residual current breaker with overcurrent protection (RCBO), Acti9 iC60H3, 3P+Ns, D Curve, 32A, 30mA, A type, 10000A

A9DD1932

### 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	iC60H3 RCBO	
Poles description	3P + Ns	
[In] rated current	32 A at 30 °C	
Earthing system	TN	
Curve code	D	
Earth-leakage sensitivity	30 mA	
Breaking capacity	10000 A Icn at 400/415 V	

## Complementary

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Neutral position	Left	
Number of protected poles	3	
Device location in system	Outgoer	
Network frequency	50/60 Hz	
Network type	AC	
Trip unit technology	Thermal-magnetic	
[Ue] rated operational voltage	400/415 V	
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	
Limitation class	3	
[Ui] rated insulation voltage	500 V	
[Uimp] rated impulse withstand voltage	4 kV	
Surge current	250 A	
Suitability for isolation	Yes conforming to IEC 61009-1	

Control type	Toggle	
Local signalling	ON/OFF indication	
Mounting mode	Clip-on	
Mounting support	DIN rail Chassis	
Comb busbar and distribution block compatibility	YES	
9 mm pitches	6	
Height	112 mm	
Width	54 mm	
Depth	77.2 mm	
Net weight	462 g	
Colour	White	
Mechanical durability	20000 cycles	
Electrical durability	5000 cycles	
Provision for padlocking	Padlockable with padlock Ø 4 mm Lead seal	
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	
Wire stripping length	Power circuit: 11 mm for bottom connection Power circuit: 14 mm for top connection	
Tightening torque	Power circuit: 2.5 N.m top Power circuit: 2.5 N.m bottom	
Earth-leakage protection	Integrated	
Test button operating voltage	260457 V	
Operating voltage for protection against earth leakage	150457 V	
Grid distance	45 mm	
Locking options description	Handle sealable with cable diameter 1.4mm in OFF or ON position	

## **Environment**

Standards	AS/NZS 61009.1 IEC 61009-1 IEC 61009-2-2
IP degree of protection	IP20
Tropicalisation	2
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-560 °C
Ambient air temperature for storage	-2570 °C

# **Packing Units**

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	12.7 cm
Package 1 Width	6.6 cm

Package 1 Length	9 cm
Package 1 Weight	539 g
Unit Type of Package 2	S02
Number of Units in Package 2	16
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	9.376 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 >

<b>⊘</b> Environmental footprint	
Carbon footprint (kg.eq.CO2 per CR, Total Life cycle)	15
Environmental Disclosure	Product Environmental Profile

### **Use Better**

Recycled metal content at CR level	0
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
EU RoHS Directive	Compliant
REACh Regulation	REACh Declaration

### **Use Again**

○ Repack and remanufacture	
Circularity Profile	End of Life Information
Take-back	No