

# Product datasheet

Specifications



## Acti9 - earth leakage circuit breaker - 1P + N - 45A - B - 30mA - 10000 A

Local distributor code:

396734268

SEE145B03

EAN Code: 5018934965819

### 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	iC60N RCBO
Poles Description	1P + Ns
[In] Rated Current	45 A at 30 °C
Curve Code	B
Earth-Leakage Sensitivity	30 mA
Breaking Capacity	10000 A Icn at 150...230 V AC 50 Hz

### Complementary

Neutral Position	Left
Number Of Protected Poles	1
Network Frequency	50 Hz
Network Type	AC
Trip Unit Technology	Thermal-magnetic
[Ue] Rated Operational Voltage	150...230 V AC 50 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 $\mu$ s impulse withstand
Electrical Insulation Class	Class III
Limitation Class	3
[Ui] Rated Insulation Voltage	400 V AC 50 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	YES
9 Mm Pitches	2
Height	117 mm
Width	18 mm
Depth	70 mm
Net Weight	136 g
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	10000 cycles
Provision For Padlocking	Padlockable
Locking Options Description	By padlocks
Connections - Terminals	Screw clamp terminal (upstream) 1...16 mm <sup>2</sup> rigid Screw clamp terminal (upstream) 1...16 mm <sup>2</sup> flexible Screw clamp terminal (downstream) 1...10 mm <sup>2</sup> rigid Screw clamp terminal (downstream) 1...10 mm <sup>2</sup> flexible
Wire Stripping Length	14 mm for upstream connection 11 mm for downstream connection
Tightening Torque	2 N.m upstream 2 N.m downstream
Earth-Leakage Protection	Integrated
Targeted Country	UK

## Environment

Standards	IEC 61009-1 IEC 61009-2-2
Product Certifications	SNI
Ip Degree Of Protection	IP20
Tropicalisation	2
Relative Humidity	95 % at 55 °C
Ambient Air Temperature For Operation	-25...55 °C
Ambient Air Temperature For Storage	-30...70 °C

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	3.0 cm
Package 1 Width	11.0 cm
Package 1 Length	14.0 cm
Package 1 Weight	260.0 g
Unit Type Of Package 2	S02
Number Of Units In Package 2	34
Package 2 Height	15.0 cm

Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	9.061 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	544
Package 3 Height	75.0 cm
Package 3 Width	80.0 cm
Package 3 Length	60.0 cm
Package 3 Weight	160.0 kg


## Contractual warranty

Warranty	18 months
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class 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.

### Well-being performance

 Mercury Free

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 Rohs Exemption Information [Yes](#)

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**Reach Regulation** [REACH Declaration](#)

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**Eu Rohs Directive** Compliant  
[EU RoHS Declaration](#)

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**China Rohs Regulation** [China RoHS declaration](#)  
Product out of China RoHS scope. Substance declaration for your information

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**Weee** The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

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