



### 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 + N <sub>s</sub>
[In] rated current	40 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 μs 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

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

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	2.6 cm
Package 1 Width	11.2 cm
Package 1 Length	13.8 cm
Package 1 Weight	259.0 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	9.206 kg
Unit Type of Package 3	P06
Number of Units in Package 3	544
Package 3 Height	75.0 cm
Package 3 Width	60.0 cm
Package 3 Length	80.0 cm
Package 3 Weight	160.0 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 <a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 <a href="#">Yes</a>
Environmental Disclosure	 <a href="#">Product Environmental Profile</a>
Circularity Profile	No need of specific recycling operations
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins