

SEE116B03

Acti 9 - earth leakage circuit breaker - 1P + N - 16A - B - 30mA - 10000 A



Main

Circuit breaker application	Distribution
Range	Acti 9
Product name	Acti 9 iC60 RCBO
Product or component type	Residual current breaker with overcurrent protection (RCBO)
Device short name	IC60N RCBO
Poles description	1P + N
[In] rated current	16 A at 30 °C
Curve code	B
Earth-leakage sensitivity	30 mA
Breaking capacity	Icn : 10000 A - 150...230 V - AC at 50 Hz

Complementary

Neutral position	Left
Number of protected poles	1
Network type	AC
Network frequency	50 Hz
[Ue] rated operational voltage	Ue: 150...230 V - AC at 50 Hz
Trip unit technology	Thermal-magnetic
Residual current tripping technology	Voltage dependent
Earth-leakage protection time delay	Instantaneous
Earth-leakage protection class	Class AC
[Icw] rated short-time withstand current	Icw: 250 A during 8/20 µs impulse withstand
Electrical insulation class	Class III
Limitation class	
[Ui] rated insulation voltage	Ui: 400 V - AC at 50 Hz
[Uimp] rated impulse withstand voltage	Uimp: 4 kV
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	93 mm
Width	18 mm
Depth	70 mm
Product 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 connection on upstream - 1...16 mm ² - rigid Screw clamp terminal connection on upstream - 1...16 mm ² - flexible Screw clamp terminal connection on downstream - 1...10 mm ² - rigid Screw clamp terminal connection on downstream - 1...10 mm ² - flexible

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.

Wire stripping length	14 mm on upstream of 11 mm on downstream of
Tightening torque	2 N.m on upstream of 2 N.m on downstream of
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