Product datasheet

Specifications

Green Premium™

Acti9 - earth leakage circuit breaker - 1P + N - 16A - B - 30mA - 10000 A

Local distributor code:

396734213 SEE116B03

EAN Code: 5018934965765

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	16 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

Disclaimer: 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

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 mm² rigid Screw clamp terminal (upstream) 1…16 mm² flexible Screw clamp terminal (downstream) 1…10 mm² rigid Screw clamp terminal (downstream) 1…10 mm² 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	2.5 cm
Package 1 Width	13.5 cm
Package 1 Length	11.0 cm
Package 1 Weight	233.0 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	8.143 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	145.0 kg

Contractual warranty

Warranty	18 months

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_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Transparency RoHS/REACh

Well-being performance

Mercury Free

Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	No need of specific recycling operations