Product data sheet

Specifications

Residual current breaker with overcurrent protection (RCBO), Acti9 iC60, 2P, 16A, B curve, 10000A/15kA, A type, 30mA

A9D37216

Main

Range	Acti9
Product Name	Acti9 iC60 RCBO
Product Or Component Type	Residual current breaker with overcurrent protection (RCBO)
Device Short Name	iC60 RCBO
Device Application	Distribution
Poles Description	2P
Number Of Protected Poles	2
[In] Rated Current	16 A
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	B
Earth-Leakage Sensitivity	30 mA
Earth-Leakage Protection Time Delay	Instantaneous
Earth-Leakage Protection Class	Type A
Breaking Capacity	10000 A Icn at 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1 15 kA Icu at 220...240 V AC 50 Hz conforming to EN/IEC 60947-2
Suitability For Isolation	No conforming to IEC 60947-1
Quality Labels	NF IMQ VDE KEMA-KEUR

Complementary

Complementary	Outgoer
Network Frequency	50 Hz
[Ue] Rated Operational Voltage	220...240 V AC 50 Hz
Magnetic Tripping Limit	3...5 x In
Residual Current Tripping Technology	Voltage independent
[Ics] Rated Service Breaking Capacity	7500 A 75 % x Icn at 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1 7.5 kA 50 % x Icu at 220...240 V AC 50 Hz conforming to EN/IEC 60947-2
Rated Breaking And Making Capacity	Idm 6000 A at 220...240 V AC 50 Hz conforming to EN/IEC 61009-2-1
Limitation Class	3 conforming to EN/IEC 61009-2-1
[Ui] Rated Insulation Voltage	500 V AC 50 Hz

[Uimp] Rated Impulse Withstand Voltage	4 kV
Surge Current	250 A
Contact Position Indicator	No
Control Type	Toggle
Local Signalling	ON, OFF, fault trip
Mounting Mode	Clip-on
Mounting Support	DIN rail
Comb Busbar And Distribution Block Compatibility	Top or bottom: YES Bottom: biconnect
Connection Pitch	9 mm between poles
9 Mm Pitches	4
Height	86 mm
Width	36 mm
Depth	78 mm
Net Weight	273 g
Colour	White
Mechanical Durability	20000 cycles
Electrical Durability	10000 cycles
Connections - Terminals	Tunnel type terminal top or bottom 1…35 mm² rigid Tunnel type terminal top or bottom 1…25 mm² flexible Tunnel type terminal top or bottom 1…25 mm² flexible with ferrule
Wire Stripping Length	12 mm for top or bottom connection
Tightening Torque	2 N.m
Earth-Leakage Protection	Integrated

Environment

Standards	EN/IEC 60947-2 EN/IEC 61009-2-1
Ip Degree Of Protection	IP40 (distribution enclosure) conforming to IEC 60529 IP20 conforming to IEC 60529
Overvoltage Category	III conforming to IEC 60364
Electromagnetic Compatibility	8/20 µs impulse withstand, 250 A conforming to EN/IEC 61009-2-1
Tropicalisation	2
Relative Humidity	95 % at 55 °C
Ambient Air Temperature For Operation	-25…60 °C
Ambient Air Temperature For Storage	-40…70 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	4.400 cm
Package 1 Width	8.200 cm
Package 1 Length	10.600 cm

Package 1 Weight	236.000 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	6
Package 2 Height	9.800 cm
Package 2 Width	11.500 cm
Package 2 Length	24.800 cm
Package 2 Weight	1.438 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	36
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	9.271 kg

Sustainability

Green Premium^{TM} 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

✓ 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   End of Life Information