Product data sheet

Specifications

Residual current breaker with overcurrent protection (RCBO), Acti9 iC60, 4P, 25A, C curve, 6000A/6kA, AC type, 30mA

A9D57425

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	4P
Number Of Protected Poles	4
[In] Rated Current	25 A
Network Type	AC
Trip Unit Technology	Thermal-magnetic
Curve Code	C
Earth-Leakage Sensitivity	30 mA
Earth-Leakage Protection Time Delay	Instantaneous
Earth-Leakage Protection Class	Type AC
Breaking Capacity	6000 A Icn at 380...415 V AC 50 Hz conforming to EN/IEC 61009-2-1 6 kA Icu at 380...415 V AC 50 Hz conforming to EN/IEC 60947-2
Suitability For Isolation	No conforming to IEC 60947-1
Quality Labels	KEMA-KEUR VDE IMQ NF

Complementary

Complementary	Outgoer
Network Frequency	50 Hz
[Ue] Rated Operational Voltage	380...415 V AC 50 Hz
Magnetic Tripping Limit	5...10 x In
Residual Current Tripping Technology	Voltage independent
[Ics] Rated Service Breaking Capacity	6000 A 100 % x Icn at 380...415 V AC 50 Hz conforming to EN/IEC 61009-2-1 6 kA 100 % x Icu at 380...415 V AC 50 Hz conforming to EN/IEC 60947-2
Rated Breaking And Making Capacity	Idm 6000 A at 380...415 V AC 50 Hz conforming to EN/IEC 61009-2-1
Limitation Class	1 conforming to EN/IEC 61009-2-1
[Ui] Rated Insulation Voltage	500 V AC 50 Hz

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

[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	8
Height	86 mm
Width	72 mm
Depth	78 mm
Net Weight	423 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	8.8 cm
Package 1 Width	8 cm
Package 1 Length	10.3 cm

Package 1 Weight	442 g
Unit Type Of Package 2	BB1
Number Of Units In Package 2	3
Package 2 Height	10 cm
Package 2 Width	11 cm
Package 2 Length	25 cm
Package 2 Weight	1.403 kg
Unit Type Of Package 3	S03
Number Of Units In Package 3	18
Package 3 Height	30 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	8.722 kg

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

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