Product data sheet
Characteristics

A9D54220
Residual current breaker with overcurrent protection (RCBO), Acti9 iC60, 2P, 20A, C curve, 10000A/15kA, A type, 300mA

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	20 A
Network type	AC
Trip unit technology	Thermal-magnetic
Curve code	C
Earth-leakage sensitivity	300 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	IMQ NF VDE KEMA-KEUR

Complementary

Complementary	Outgoer
Network frequency	50 Hz
[Ue] rated operational voltage	220...240 V AC 50 Hz
Magnetic tripping limit	5...10 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

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.

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 cm
Package 1 Width	8 cm
Package 1 Length	9.8 cm
Package 1 Weight	241 g
Unit Type of Package 2	BB1
Number of Units in Package 2	6
Package 2 Height	10 cm
Package 2 Width	11.5 cm
Package 2 Length	25 cm
Package 2 Weight	1.517 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	9.815 kg

Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Compliant with Exemptions
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile

Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins