Product datasheet

Specification





iC60N - earth leakage circuit breaker - 1P + N - C curve - 20 A -30 mA - 240 V

A9D64820

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 + N
[In] Rated Current	20 A at 50 °C
Earthing System	TN
Curve Code	С
Earth-Leakage Sensitivity	30 mA
Breaking Capacity	6000 A Icn at 240 V AC 50/60 Hz

Complementary

Neutral Position	Left
Number Of Protected Poles	1
Device Location In System	Outgoer
Network Frequency	50 Hz
Network Type	AC
Trip Unit Technology	Thermal-magnetic
[Ue] Rated Operational Voltage	240 V AC 50/60 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
[Ics] Rated Service Breaking Capacity	6000 A at 240 V AC 50/60 Hz
Limitation Class	3
[Ui] Rated Insulation Voltage	400 V AC 50/60 Hz
[Uimp] Rated Impulse Withstand Voltage	4 kV
Suitability For Isolation	Yes
Contact Position Indicator	Yes

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

Control Type	Toggle	
Local Signalling	ON/OFF indication	
Mounting Mode	Clip-on	
Mounting Support	DIN rail	
Comb Busbar And Distribution Block Compatibility	NO	
9 Mm Pitches	2	
Height	110 mm	
Width	18 mm	
Depth	77.5 mm	
Net Weight	205 g	
Colour	White	
Mechanical Durability	20000 cycles	
Electrical Durability	5000 cycles	
Provision For Padlocking	Padlockable with padlock Ø 4 mm	
Locking Options Description	ON/OFF locking facilities	
Connections - Terminals	Screw clamp terminal (top) 125 mm² rigid without cable end Screw clamp terminal (top) 116 mm² flexible Screw clamp terminal (bottom) 116 mm² rigid without cable end Screw clamp terminal (bottom) 110 mm² flexible	
Wire Stripping Length	Power circuit: 13 mm for bottom connection Power circuit: 14 mm for top connection	
Tightening Torque	Power circuit: 3.5 N.m top Power circuit: 2 N.m bottom	
Earth-Leakage Protection	Integrated	
Environment		
Standards	IEC 61009-2-2 IEC 61009-1	
Ip Degree Of Protection	IP20	
Tropicalisation	2	

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Ip Degree Of Protection	IP20
Tropicalisation	2
Relative Humidity	95 % at 55 °C
Ambient Air Temperature For Operation	-1560 °C
Ambient Air Temperature For Storage	-4085 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	10.3 cm
Package 1 Width	14.3 cm
Package 1 Length	2.7 cm
Package 1 Weight	211 g
Unit Type Of Package 2	S01
Number Of Units In Package 2	17
Package 2 Height	15 cm

Package 2 Width	15 cm
Package 2 Length	40 cm
Package 2 Weight	3587 g
Unit Type Of Package 3	S02
Number Of Units In Package 3	34
Package 3 Height	15 cm
Package 3 Width	30 cm
Package 3 Length	40 cm
Package 3 Weight	7174 g

Sustainability Screen Premium*

Green PremiumTM **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ 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
Circularity Profile	No need of specific recycling operations Circularity Profile