Product data sheet
Characteristics

A9D12820
iC60H - earth leakage circuit breaker - 1P + N - C curve - 20 A - 100 mA - 240 V

Main

Circuit breaker application	Distribution
Range	Acti 9
Range of product	Acti 9
Product name	Acti 9 iC60 RCBO
Product or component-type	Residual current breaker with overcurrent protection (RCBO)
Device short name	IC60H RCBO
Poles description	1P + N
[In] rated current	20 A at 50 °C
Earthing system	TN
Curve code	C
Earth-leakage sensitivity	100 mA
Breaking capacity	Icn : 10000 A - 240 V - AC at 50/60 Hz

Complementary

Neutral position	Left
Number of protected poles	1
Device location in system	Outgoer
Network type	AC
Network frequency	50 Hz
[Ue] rated operational voltage	Ue: 240 V - AC at 50/60 Hz
Trip unit technology	Thermal-magnetic
Breaking capacity code	H
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	Ics: 7500 A - 240 V - AC at 50/60 Hz
Limitation class	3
[Ui] rated insulation voltage	Ui: 400 V - AC at 50/60 Hz
[Uimp] rated impulse withstand voltage	Uimp: 4 kV
Suitability for isolation	Yes
Contact position indicator	Yes
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
Product weight	205 g
Colour	White
Mechanical durability	20000 cycles
Electrical durability	5000 cycles

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Provision for padlocking	Padlockable with padlock Ø 4 mm
Locking options description	ON/OFF locking facilities
Connections - terminals	Screw clamp terminal connection on top - 1...25 mm² - rigid - without cable end Screw clamp terminal connection on top - 1...16 mm² - flexible Screw clamp terminal connection on bottom - 1...16 mm² - rigid - without cable end Screw clamp terminal connection on bottom - 1...10 mm² - flexible
Wire stripping length	13 mm on bottom of power circuit 14 mm on top of power circuit
Tightening torque	3.5 N.m on top of power circuit 2 N.m on bottom of power circuit
Earth-leakage protection	Integrated

Environment

Standards	IEC 61009-1 BS EN 61009-1 IEC 61009-2-2 AS/NZS 61009.1
IP degree of protection	IP20
Tropicalisation	2
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-15...60 °C
Ambient air temperature for storage	-40...85 °C

Offer Sustainability

Sustainable offer status	Green Premium product
RoHS (date code: YYWW)	Compliant - since 0844 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACh	Reference contains SVHC above the threshold - Go to CaP for more details- Go to CaP for more details
Product environmental profile	Available Product Environmental
Product end of life instructions	Available End Of Life Manual

Product Life Status : Commercialised