# **Product datasheet** Characteristics

# A9D11806

iC60H - earth leakage circuit breaker - 1P + N - C curve - 6 A - 30m A - 240 V





#### Main

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Circuit breaker application	Distribution
Range	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	6 A at 50 °C
Earthing system	TN
Curve code	С
Earth-leakage sensitivity	30 mA
Breaking capacity	Icn : 10000 A - 240 V - AC at 50/60 Hz

### Complementary

Circuit breaker application  Range 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  Distribution  Acti 9  Acti 9  Acti 9 iC60 RCBO  Residual current breaker with overcurrent protection (RCBO)  IC60H RCBO  IP + N			
Range Acti 9 Product name Acti 9 (160 RCBO) Product or component type Residual current breaker with overcurrent protection (RCBO) Device short name IC60H RCBO Poles description 1P + N [In] rated current 6 A at 50 °C Earthing system TN Curve code C Earth-leakage sensitivity 30 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 frequency 50 Hz [Iu] rated operational voltage Ue: 240 V - AC at 50/60 Hz  Trip unit technology Thermal-magnetic Residual current tripping technology Voltage dependent 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 [Ui] rated insulation voltage Ui: 400 V - AC at 50/60 Hz [Ui] rated insulation voltage Ui: 400 V - AC at 50/60 Hz	Main		
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[Icw] rated short-time withstand current	Trip unit technology	Ue: 240 V - AC at 50/60 Hz Thermal-magnetic	
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	Trip unit technology Residual current tripping technology Earth-leakage protection time delay Earth-leakage protection class	Ue: 240 V - AC at 50/60 Hz  Thermal-magnetic  Voltage dependent  Instantaneous  Type A	
[Uimp] rated impulse withstand voltage Uimp: 4 kV	Trip unit technology Residual current tripping technology Earth-leakage protection time delay Earth-leakage protection class [lcw] rated short-time withstand current	Ue: 240 V - AC at 50/60 Hz  Thermal-magnetic  Voltage dependent  Instantaneous  Type A  Icw: 250 A during 8/20 µs impulse withstand	
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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
Provision for padlocking	Padlockable with padlock Ø 4 mm
Locking options description	ON/OFF locking facilities
Connections - terminals	Screw clamp terminal connection on top - 125 mm² - rigid - without cable end Screw clamp terminal connection on top - 116 mm² - flexible Screw clamp terminal connection on bottom - 116 mm² - rigid - without cable end Screw clamp terminal connection on bottom - 110 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**

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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	-1560 °C
Ambient air temperature for storage	-4085 °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 not containing SVHC above the threshold	
	Reference not containing SVHC above the threshold	
Product environmental profile	Available	
	Product environmental	
Product end of life instructions	Available	
Product end of life instructions	Available	_