Product datasheet

Specifications



Acti9 - iC60H RCBO - 1P+Ns - B curve - 20 A - 30 mA - 10000 A - 240 V

A9D04820

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	iC60H RCBO
Poles description	1P + Ns
[In] rated current	20 A at 50 °C
Earthing system	TN
Curve code	B
Earth-leakage sensitivity	30 mA
Breaking capacity	10000 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	7500 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
Surge current	250 A
Suitability for isolation	Yes

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

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
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) 1…25 mm² rigid without cable end Screw clamp terminal (top) 1…16 mm² flexible Screw clamp terminal (bottom) 1…16 mm² rigid Screw clamp terminal (bottom) 1…10 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 IP40 (modular enclosure)
Tropicalisation	2
Relative humidity	95 % at 55 °C
Ambient air temperature for operation	-15…60 °C
Ambient air temperature for storage	-40…85 °C

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	11 cm
Package 1 Width	1.8 cm
Package 1 Length	7 cm
Package 1 Weight	205 g
Unit Type of Package 2	S02

Number of Units in Package 2	34
Package 2 Height	15 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	7.629 kg
Unit Type of Package 3	P12
Number of Units in Package 3	1088
Package 3 Height	55 cm
Package 3 Width	125 cm
Package 3 Length	100 cm
Package 3 Weight	248.04 kg

Sustainability

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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

Reach Regulation	REACh Declaration
Eu Rohs Directive	Not compliant
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