

# Product datasheet

Specifications



**iC60H2 - earth leakage circuit breaker - 2P - C curve - 32 A - 30 mA - 110 V**

**Local distributor code: 402639419 A9D19232**

**EAN Code : 3606480558719**

## Main

<b>Circuit breaker application</b>	Distribution
<b>Range</b>	Acti9
<b>Product name</b>	Acti9 iC60 RCBO
<b>Product or component type</b>	Residual current breaker with overcurrent protection (RCBO)
<b>Device short name</b>	iC60H2 RCBO
<b>Poles description</b>	2P
<b>[In] rated current</b>	32 A at 50 °C
<b>Earthing system</b>	TT TN IT
<b>Curve code</b>	C
<b>Earth-leakage sensitivity</b>	30 mA
<b>Breaking capacity</b>	10000 A Icn at 110 V AC 50/60 Hz

## Complementary

<b>Neutral position</b>	Left
<b>Number of protected poles</b>	1
<b>Device location in system</b>	Outgoer
<b>Network frequency</b>	50 Hz
<b>Network type</b>	AC
<b>Trip unit technology</b>	Thermal-magnetic
<b>[Ue] rated operational voltage</b>	110 V AC 50/60 Hz
<b>Residual current tripping technology</b>	Voltage dependent
<b>Earth-leakage protection time delay</b>	Instantaneous
<b>Earth-leakage protection class</b>	Type A
<b>[Icw] rated short-time withstand current</b>	Icw: 250 A during 8/20 µs impulse withstand
<b>[Ics] rated service breaking capacity</b>	7500 A at 110 V AC 50/60 Hz
<b>Limitation class</b>	3

<b>[Ui] rated insulation voltage</b>	400 V AC 50/60 Hz
<b>[Uimp] rated impulse withstand voltage</b>	4 kV
<b>Surge current</b>	250 A
<b>Suitability for isolation</b>	Yes
<b>Contact position indicator</b>	Yes
<b>Control type</b>	Toggle
<b>Local signalling</b>	ON/OFF indication
<b>Mounting mode</b>	Clip-on
<b>Mounting support</b>	DIN rail
<b>Comb busbar and distribution block compatibility</b>	NO
<b>9 mm pitches</b>	4
<b>Height</b>	110 mm
<b>Width</b>	36 mm
<b>Depth</b>	75.5 mm
<b>Net weight</b>	332 g
<b>Colour</b>	White
<b>Mechanical durability</b>	20000 cycles
<b>Electrical durability</b>	5000 cycles
<b>Provision for padlocking</b>	Padlockable with padlock Ø 4 mm
<b>Locking options description</b>	ON/OFF locking facilities
<b>Connections - terminals</b>	Screw clamp terminal (top) 1...25 mm <sup>2</sup> rigid without cable end Screw clamp terminal (top) 1...16 mm <sup>2</sup> flexible Screw clamp terminal (bottom) 1...16 mm <sup>2</sup> rigid without cable end Screw clamp terminal (bottom) 1...10 mm <sup>2</sup> flexible
<b>Wire stripping length</b>	Power circuit: 13 mm for bottom connection Power circuit: 14 mm for top connection
<b>Tightening torque</b>	Power circuit: 3.5 N.m top Power circuit: 2 N.m bottom
<b>Earth-leakage protection</b>	Integrated

## Environment

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

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	7.5 cm
<b>Package 1 Width</b>	9.5 cm

Package 1 Length	1.8 cm
Package 1 Weight	318 g
Unit Type of Package 2	S01
Number of Units in Package 2	13
Package 2 Height	15 cm
Package 2 Width	15 cm
Package 2 Length	40 cm
Package 2 Weight	4.334 kg

## Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	<a href="#">REACh Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
Sustainable packaging	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a> Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Halogen content performance	Halogen free plastic parts product

## Contractual warranty

Warranty	18 months
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## Recommended replacement(s)