# Product datasheet

Specifications



## iC60H - earth leakage circuit breaker - 1P + N - C curve - 10 A - 10 mA - 240 V

Local distributor code:

396789970 A9D10810

**EAN Code: 3606480558528**

## 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** | 10 A at 50 °C |
| **Earthing system** | TN |
| **Curve code** | C |
| **Earth-leakage sensitivity** | 10 mA |
| **Breaking capacity** | 10000 A Icn at 230/240 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** | 230/240 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 230/240 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 |
| **Contact position indicator** | 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

| | |
|---|---|
| **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<br>Screw clamp terminal (top) 1…16 mm² flexible<br>Screw clamp terminal (bottom) 1…16 mm² rigid without cable end<br>Screw clamp terminal (bottom) 1…10 mm² flexible |
| **Wire stripping length** | Power circuit: 13 mm for bottom connection<br>Power circuit: 14 mm for top connection |
| **Tightening torque** | Power circuit: 3.5 N.m top<br>Power circuit: 2 N.m bottom |
| **Earth-leakage protection** | Integrated |
| **Grid distance** | 45 mm |

## Environment

| | |
|---|---|
| **Standards** | AS/NZS 61009.1<br>IEC 61009-1<br>BS EN 61009-1<br>IEC 61009-2-2 |
| **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 |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 7.3 cm |
| **Package 1 Width** | 1.8 cm |
| **Package 1 Length** | 11.03 cm |
| **Package 1 Weight** | 207 g |

## Logistical informations

| | |
|---|---|
| **Country of origin** | TH |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

### Environmental footprint

| | |
|---|---|
| Total lifecycle Carbon footprint | **0 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **0 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **0 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0 kg CO2 eq.** |
| Environmental Disclosure | **Product Environmental Profile** |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **Yes** |
| SCIP Number | **170f0083-3431-44d4-b5b4-c8b8e68e05e4** |
| EU RoHS Directive | **Compliant By Exemption** |
| REACh Regulation | **Reference contains Substances of Very High Concern above the threshold** |
| Halogen-free status | **Product contains halogen above thresholds** |
| Silicone-free | **No** |

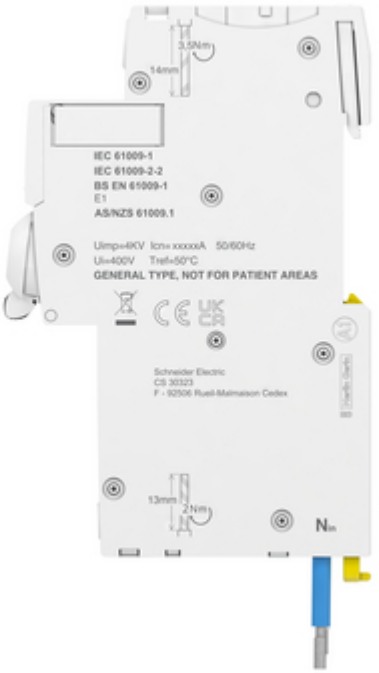
## Use Again

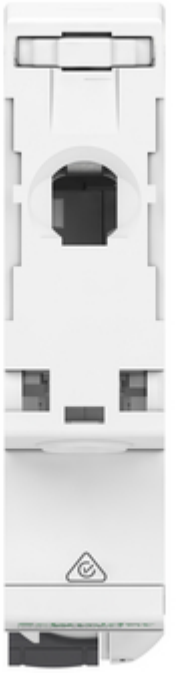
### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **47** |
| End of life manual availability | **No need of specific recycling operations** |
| Take-back | **No** |
| WEEE Label | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins** |

Image of product / Alternate images

**Alternative**






Schneider
iC60H RCBO
N out
L out



