# Product datasheet

Specifications

Green Premium™

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

Local distributor code:

396790053 A9D11806

**EAN Code: 3606480558597**

## 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** | 6 A at 50 °C |
| **Earthing System** | TN |
| **Curve Code** | C |
| **Earth-Leakage Sensitivity** | 30 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 |

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<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 |

## Environment

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

## Packing Units

| | |
|---|---|
| **Unit Type Of Package 1** | PCE |
| **Number Of Units In Package 1** | 1 |
| **Package 1 Height** | 2.8 cm |
| **Package 1 Width** | 11.2 cm |
| **Package 1 Length** | 13.3 cm |
| **Package 1 Weight** | 217 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** | 7.696 kg |
| **Unit Type Of Package 3** | P12 |
| **Number Of Units In Package 3** | 1088 |
| **Package 3 Height** | 80 cm |
| **Package 3 Width** | 80 cm |
| **Package 3 Length** | 120 cm |
| **Package 3 Weight** | 256.128 kg |

## Contractual warranty

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|---|---|
| **Warranty** | 18 months |

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-$CO_2$ products.

**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 RoHS/REACh

## Well-being performance

Mercury Free

| | |
|---|---|
| Rohs Exemption Information | Yes |

## Certifications & Standards

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|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Compliant with Exemptions |
| **China Rohs Regulation** | China RoHS declaration<br>Product out of China RoHS scope. Substance declaration for your information |
| **Environmental Disclosure** | Product Environmental Profile |
| **Weee** | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| **Circularity Profile** | No need of specific recycling operations<br>Circularity Profile |