

# Product datasheet

Specifications



## iC60H2 - earth leakage circuit breaker - 2P - C curve - 16 A - 30 mA - 110 V

Local distributor code:

402639370

A9D19216

**EAN Code: 3606480558689**

### 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           | iC60H2 RCBO   |
| Poles description           | 2P  |
| [In] rated current          | 16 A at 50 °C   |
| Earthing system             | TN<br>TT<br>IT  |
| Curve code                  | C   |
| Earth-leakage sensitivity   | 30 mA   |
| Breaking capacity           | 10000 A Icn at 110 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           | 110/130 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 110 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  |
| 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                                     | 4  |
| Height   | 110 mm   |
| Width  | 36 mm  |
| Depth  | 75.5 mm  |
| Net weight                                       | 332 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 mm <sup>2</sup> rigid without cable end<br>Screw clamp terminal (top) 1...16 mm <sup>2</sup> flexible<br>Screw clamp terminal (bottom) 1...16 mm <sup>2</sup> rigid without cable end<br>Screw clamp terminal (bottom) 1...10 mm <sup>2</sup> 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

|                                       |  |
|---------------------------------------|--|
| Standards                             | AS/NZS 61009.1<br>IEC 61009-2-2<br>IEC 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             | 7.5 cm  |
| Package 1 Width              | 9.5 cm  |
| Package 1 Length             | 1.8 cm  |
| Package 1 Weight             | 306.0 g |

|                              |            |
|------------------------------|------------|
| Unit Type of Package 2       | S02        |
| Number of Units in Package 2 | 27         |
| Package 2 Height             | 15.0 cm    |
| Package 2 Width              | 30.0 cm    |
| Package 2 Length             | 40.0 cm    |
| Package 2 Weight             | 8.72 kg    |
| Unit Type of Package 3       | P12        |
| Number of Units in Package 3 | 864        |
| Package 3 Height             | 70.0 cm    |
| Package 3 Width              | 120.0 cm   |
| Package 3 Length             | 80.0 cm    |
| Package 3 Weight             | 276.384 kg |

## Logistical informations

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

## Contractual warranty

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



## 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 | 1   |
| Environmental Disclosure         | <a href="#">Product Environmental Profile</a> |

### Use Better

#### Materials and Substances

|  |                                      |
|--|--------------------------------------|
| Packaging made with recycled cardboard | Yes                                  |
| Packaging without single use plastic   | Yes                                  |
| <a href="#">EU RoHS Directive</a>      | Compliant with Exemptions            |
| SCIP Number                            | 170f0083-3431-44d4-b5b4-c8b8e68e05e4 |
| REACH Regulation                       | <a href="#">REACH Declaration</a>    |
| Halogen-free status                    | Halogen free plastic parts product   |

### Use Again

#### Repack and remanufacture

|                                 |   |
|---------------------------------|---|
| 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 |