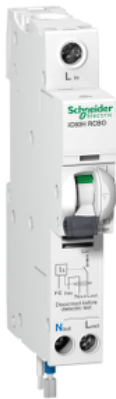


# Product datasheet

Specifications



## iC60H - earth leakage circuit breaker - 1P + N - B curve - 40 A - 30 mA - 240 V

Local distributor code: 396790325    A9D31840

### 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 + N                                                      |
| [In] rated current          | 40 A at 50 °C                                               |
| Earthing system             | TN                                                          |
| Curve code                  | B                                                           |
| 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                                                                                                                                                                                                                                      |
| 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

|                                       |                                                                 |
|---------------------------------------|-----------------------------------------------------------------|
| Standards                             | AS/NZS 61009.1<br>BS EN 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 Weight             | 245.0 g |
| Package 1 Height             | 2.8 cm  |
| Package 1 width              | 11.2 cm |

|                              |         |
|------------------------------|---------|
| Package 1 Length             | 13.8 cm |
| Unit Type of Package 2       | S02     |
| Number of Units in Package 2 | 34      |
| Package 2 Weight             | 8.59 kg |
| Package 2 Height             | 15 cm   |
| Package 2 width              | 30 cm   |
| Package 2 Length             | 40 cm   |

Offer Sustainability

|                            |                                                                                                                             |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                       |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                           |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                            |
| Mercury free               | Yes                                                                                                                         |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                         |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                               |
| Circularity Profile        | <a href="#">End of Life Information</a>                                                                                     |
| WEEE                       | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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