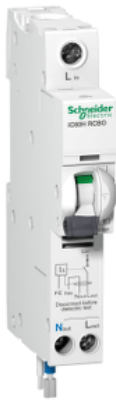


# Product datasheet

Specifications



## iC60H - earth leakage circuit breaker - 1P + N - C curve - 20 A - 10 mA - 240 V

Local distributor code: 396790008    A9D10820

### 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          | 20 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  |
| 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 61009-1<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 Weight             | 211.0 g |
| Package 1 Height             | 7.5 cm  |
| Package 1 width              | 9.5 cm  |

|                              |            |
|------------------------------|------------|
| Package 1 Length             | 1.8 cm     |
| Unit Type of Package 2       | P12        |
| Number of Units in Package 2 | 1088       |
| Package 2 Weight             | 229.568 kg |
| Package 2 Height             | 70 cm      |
| Package 2 width              | 120 cm     |
| Package 2 Length             | 80 cm      |
| Unit Type of Package 3       | S02        |
| Number of Units in Package 3 | 34         |
| Package 3 Weight             | 7.922 kg   |
| Package 3 Height             | 15 cm      |
| Package 3 width              | 30 cm      |
| Package 3 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 |
|----------|-----------|