



## Main

|                             |   |
|-----------------------------|---|
| Circuit breaker application | Distribution  |
| Range                       | Acti 9  |
| Product name                | Acti 9 iC60 RCBO  |
| Product or component type   | Residual current breaker with overcurrent protection (RCBO) |
| Device short name           | IC60H2 RCBO   |
| Poles description           | 2P  |
| [In] rated current          | 20 A at 50 °C   |
| Earthing system             | IT<br>TN<br>TT  |
| Curve code                  | C   |
| Earth-leakage sensitivity   | 30 mA   |
| Breaking capacity           | Icn : 10000 A - 240 V - AC at 50/60 Hz                      |

## Complementary

|  |   |
|--|---|
| Neutral position                         | Left  |
| Number of protected poles                | 1   |
| Device location in system                | Outgoer                                     |
| Network type                             | AC  |
| Network frequency                        | 50 Hz                                       |
| [Ue] rated operational voltage           | Ue: 240 V - AC at 50/60 Hz                  |
| Trip unit technology                     | Thermal-magnetic                            |
| 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    | Ics: 7500 A - 240 V - AC at 50/60 Hz        |
| Limitation class                         | 3   |

|  |  |
|--|--|
| [Ui] rated insulation voltage                    | Ui: 400 V - AC at 50/60 Hz   |
| [Uimp] rated impulse withstand voltage           | Uimp: 4 kV   |
| 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  |
| Product 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 connection on top - 1...25 mm <sup>2</sup> - rigid - without cable end<br>Screw clamp terminal connection on top - 1...16 mm <sup>2</sup> - flexible<br>Screw clamp terminal connection on bottom - 1...16 mm <sup>2</sup> - rigid - without cable end<br>Screw clamp terminal connection on bottom - 1...10 mm <sup>2</sup> - flexible |
| Wire stripping length                            | 13 mm on bottom of power circuit<br>14 mm on top of power circuit  |
| Tightening torque                                | 3.5 N.m on top of power circuit<br>2 N.m on bottom of power circuit  |
| 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                                    |

## Offer Sustainability

|                                  |   |
|----------------------------------|---|
| Sustainable offer status         | Green Premium product   |
| RoHS (date code: YYWW)           | Compliant - since 0844 - Schneider Electric declaration of conformity<br><a href="#">Schneider Electric declaration of conformity</a> |
| REACH                            | Reference contains SVHC above the threshold - Go to CaP for more details<br><a href="#">Go to CaP for more details</a>                |
| Product environmental profile    | Available<br><a href="#">Product environmental</a>  |
| Product end of life instructions | Available<br><a href="#">End of life manual</a>   |