# Product datasheet
## Characteristics

# A9D14820
## iC60H - earth leakage circuit breaker - 1P + N - C curve - 20 A - 30 mA - 240 V

## 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 | IC60H RCBO |
| Poles description | 1P + N |
| [In] rated current | 20 A at 50 °C |
| Earthing system | TN |
| 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 | 2 |
| Height | 110 mm |
| Width | 18 mm |
| Depth | 77.5 mm |
| Product 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 connection on top - 1...25 mm² - rigid - without cable end<br>Screw clamp terminal connection on top - 1...16 mm² - flexible<br>Screw clamp terminal connection on bottom - 1...16 mm² - rigid - without cable end<br>Screw clamp terminal connection on bottom - 1...10 mm² - 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 | 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 |

## Offer Sustainability

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