

A9D61825

iC60N - earth leakage circuit breaker - 1P + N - C
curve - 25 A - 30 mA - 240 V



Main

| | |
|-----------------------------|---|
| Circuit breaker application | Distribution |
| Range | Acti 9 |
| Product name | IC60 RCBO |
| Product or component type | Residual current breaker with overcurrent protection (RCBO) |
| Device short name | IC60N RCBO |
| Poles description | 1P + N |
| [In] rated current | 25 A at 50 °C |
| Earthing system | TN |
| Curve code | C |
| Earth-leakage sensitivity | 30 mA |
| Breaking capacity | Icn : 6000 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 | Class A |
| [Icw] rated short-time withstand current | Icw: 250 A during 8/20 µs impulse withstand |
| [Ics] rated service breaking capacity | Ics: 6000 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 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 |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

| | |
|-----------------------------|--|
| Locking options description | ON/OFF locking facilities |
| Connections - terminals | Screw clamp terminal connection on top - 1...25 mm ² - rigid - without cable end Screw clamp terminal connection on top - 1...16 mm ² - flexible Screw clamp terminal connection on bottom - 1...16 mm ² - rigid - without cable end Screw clamp terminal connection on bottom - 1...10 mm ² - flexible |
| Wire stripping length | 13 mm on bottom of power circuit 14 mm on top of power circuit |
| Tightening torque | 3.5 N.m on top of power circuit 2 N.m on bottom of power circuit |
| Earth-leakage protection | Integrated |

Environment

| | |
|---------------------------------------|--|
| standards | IEC 61009-1 IEC 61009-2-2 AS/NZS 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 1245 - Schneider Electric declaration of conformity |
| REACH | Reference not containing SVHC above the threshold |
| Product environmental profile | Available |
| Product end of life instructions | Available |