

A9D11816

iC60H - earth leakage circuit breaker - 1P + N - C
curve - 16 A - 30 mA - 240 V



Main

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|-----------------------------|--|
| Circuit breaker application | Distribution |
| Range | Acti 9 |
| Product name | IC60 RCBO |
| Product or component type | Earth leakage circuit breaker |
| Device short name | IC60H RCBO |
| Poles description | 1P + N |
| [In] rated current | 16 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

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|--|---|
| 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: 7500 A - 240 V - AC at 50/60 Hz |
| Limitation class | |
| [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 |
| Locking options description | ON/OFF locking facilities |

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| 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

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|---------------------------------------|---|
| standards | IEC 61009-1 BS EN 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 |