

Product datasheet

Specifications



Acti9 iC60H RCBO plug on neutral - 1P+N_s - 16A - C - 10000A - 10mA - type A

Local distributor code:

405638873

A9D01816

EAN Code: 3606481369215

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 PoN |
| poles description | 1P + N _s |
| [In] rated current | 16 A at 50 °C |
| Earthing system | TN |
| Curve code | C |
| Earth-leakage sensitivity | 10 mA |
| Breaking capacity | 10000 A I _{cn} at 240 V AC 50/60 Hz conforming to IEC 61009-2-2 |

Complementary

| | |
|---|---|
| Neutral position | Left |
| Number of protected poles | 1 |
| Device location in system | Outgoer |
| network frequency | 50/60 Hz |
| network type | AC |
| Trip unit technology | Thermal-magnetic |
| Magnetic tripping limit | 5...10 x I _n |
| [U _e] rated operational voltage | 240 V AC 50/60 Hz |
| Residual current tripping technology | Voltage dependent |
| Earth-leakage protection time delay | Instantaneous |
| Earth-leakage protection class | Type A |
| [I _{cs}] rated service breaking capacity | 7500 A at 240 V AC 50/60 Hz conforming to IEC 61009-2-2 |
| Electrical insulation class | Class II |
| Limitation class | 3 |
| [U _i] rated insulation voltage | 400 V AC 50/60 Hz |
| [U _{imp}] rated impulse withstand voltage | 4 kV |
| Surge current | 250 A |
| Suitability for isolation | Yes |

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| Contact position indicator | Yes |
| Control type | Toggle |
| local signalling | ON/OFF indication Fault indication |
| mounting mode | Plug-on |
| mounting support | Isobar B Isobar A |
| Comb busbar and distribution block compatibility | NO |
| 9 mm pitches | 2 |
| Height | 110 mm |
| Width | 18 mm |
| Depth | 72 mm |
| Net weight | 156 g |
| Colour | White |
| Mechanical durability | 20000 cycles |
| Electrical durability | 5000 cycles |
| Locking options description | Padlock in on or off position |
| Connections - terminals | Screw clamp terminal (top) 1...16 mm ² flexible Screw clamp terminal (bottom) 1...10 mm ² flexible Screw clamp terminal (top) 1...25 mm ² rigid Screw clamp terminal (bottom) 1...16 mm ² rigid Plug-on neutral (upstream) |
| Wire stripping length | 14 mm for top connection 13 mm for bottom connection |
| Tightening torque | 3.5 N.m top 2 N.m bottom |
| Earth-leakage protection | Integrated |

Environment

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|---------------------------------------|--|
| Standards | IEC 61009-2-2 IEC 61009-1 BS EN 61009-1 |
| Product certifications | CB |
| IP degree of protection | IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529 |
| Overvoltage category | II |
| 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

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|------------------------------|--------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 8.8 cm |
| Package 1 Width | 1.8 cm |

| | |
|-------------------------------------|-----------|
| Package 1 Length | 13.1 cm |
| Package 1 Weight | 193 g |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 34 |
| Package 2 Height | 15 cm |
| Package 2 Width | 30 cm |
| Package 2 Length | 40 cm |
| Package 2 Weight | 7.065 kg |
| Unit Type of Package 3 | P12 |
| Number of Units in Package 3 | 1088 |
| Package 3 Height | 60 cm |
| Package 3 Width | 80 cm |
| Package 3 Length | 120 cm |
| Package 3 Weight | 246.08 kg |

Contractual warranty

| | |
|-----------------|-----------|
| Warranty | 18 months |
|-----------------|-----------|

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

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[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Mercury Free

Rohs Exemption Information Yes

Halogen Free Plastic Parts Product

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)
Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile No need of specific recycling operations