

Product datasheet

Characteristics

A9D06816

Acti9 iC60H RCBO plug on neutral - 1P+N_s - 16A
- C - 10000A - 100mA - type A



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 |
| [I _n] rated current | 16 A at 50 °C |
| Earthing system | TN |
| Curve code | C |
| Earth-leakage sensitivity | 100 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 type | AC |
| Network frequency | 50/60 Hz |
| [U _e] rated operational voltage | 240 V AC 50/60 Hz |
| Trip unit technology | Thermal-magnetic |
| Magnetic tripping limit | 5...10 x I _n |
| 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 |

| | |
|--|--|
| [Ui] rated insulation voltage | 400 V AC 50/60 Hz |
| [Uimp] rated impulse withstand voltage | 4 kV |
| Surge current | 250 A |
| Suitability for isolation | Yes |
| Contact position indicator | Yes |
| Control type | Toggle |
| Local signalling | Fault indication ON/OFF indication |
| Mounting mode | Plug-on |
| Mounting support | Isobar A Isobar B |
| 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

| | |
|---------------------------------------|--|
| Standards | BS EN 61009-1 IEC 61009-1 IEC 61009-2-2 |
| 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 |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS declaration Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure | Product Environmental Profile |

| | |
|---------------------|---|
| Circularity Profile | End of Life Information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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



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