



Main

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| 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 |
| Poles description | 1P + Ns |
| [In] rated current | 45 A at 50 °C |
| Earthing system | TN |
| Curve code | C |
| Earth-leakage sensitivity | 30 mA |
| Breaking capacity | 10000 A Icn at 230/240 V AC 50/60 Hz |

Complementary

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| Neutral position | Left |
| Number of protected poles | 1 |
| Device location in system | Outgoer |
| Network frequency | 50 Hz |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| [Ue] rated operational voltage | 230/240 V AC 50/60 Hz |
| 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 | 7500 A at 230/240 V AC 50/60 Hz |
| 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 | 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 |
| Net weight | 205 g |
| Colour | White |
| Mechanical durability | 20000 cycles |

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.

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| 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 (top) 1...25 mm ² rigid without cable end Screw clamp terminal (top) 1...16 mm ² flexible Screw clamp terminal (bottom) 1...16 mm ² rigid without cable end Screw clamp terminal (bottom) 1...10 mm ² flexible |
| Wire stripping length | Power circuit: 13 mm for bottom connection Power circuit: 14 mm for top connection |
| Tightening torque | Power circuit: 3.5 N.m top Power circuit: 2 N.m bottom |
| Earth-leakage protection | Integrated |

Environment

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|---------------------------------------|---|
| Standards | IEC 61009-1 AS/NZS 61009.1 BS EN 61009-1 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 |

Packing Units

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|------------------------------|------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 7.5 cm |
| Package 1 Width | 9.5 cm |
| Package 1 Length | 1.8 cm |
| Package 1 Weight | 250 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 | 8.878 kg |
| Unit Type of Package 3 | P12 |
| Number of Units in Package 3 | 1088 |
| Package 3 Height | 70 cm |
| Package 3 Width | 120 cm |
| Package 3 Length | 80 cm |
| Package 3 Weight | 229.568 kg |

Offer Sustainability

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|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation |  REACH Declaration |
| EU RoHS Directive | Compliant with Exemptions |
| Mercury free | Yes |
| China RoHS Regulation |  China RoHS Declaration |
| RoHS exemption information |  Yes |
| Environmental Disclosure |  Product Environmental Profile |
| Circularity Profile | No need of specific recycling operations |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |