



Main

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| Circuit breaker application | Distribution |
| Range | Acti 9 |
| Product name | Acti 9 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 | 32 A at 30 °C |
| Curve code | B |
| Earth-leakage sensitivity | 30 mA |
| Breaking capacity | 10000 A Icn at 150...230 V AC 50 Hz |

Complementary

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| Neutral position | Left |
| Number of protected poles | 1 |
| Network type | AC |
| Network frequency | 50 Hz |
| [Ue] rated operational voltage | 150...230 V AC 50 Hz |
| Trip unit technology | Thermal-magnetic |
| 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 |
| Electrical insulation class | Class III |
| Limitation class | 3 |
| [Ui] rated insulation voltage | AC 50 Hz |
| [Uimp] rated impulse withstand voltage | 4 kV |
| Suitability for isolation | Yes |
| Contact position indicator | Yes |
| Control type | Toggle |
| Local signalling | ON/OFF indication |
| Mounting mode | Clip-on |

Disclaimer: 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

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| Mounting support | DIN rail |
| Comb busbar and distribution block compatibility | YES |
| 9 mm pitches | 2 |
| Height | 93 mm |
| Width | 18 mm |
| Depth | 70 mm |
| Product weight | 136 g |
| Colour | White |
| Mechanical durability | 20000 cycles |
| Electrical durability | 10000 cycles |
| Provision for padlocking | Padlockable |
| Locking options description | By padlocks |
| Connections - terminals | Screw clamp terminal (upstream) 1...16 mm ² rigid Screw clamp terminal (upstream) 1...16 mm ² flexible Screw clamp terminal (downstream) 1...10 mm ² rigid Screw clamp terminal (downstream) 1...10 mm ² flexible |
| Wire stripping length | 14 mm for upstream connection 11 mm for downstream connection |
| Tightening torque | 2 N.m upstream 2 N.m downstream |
| Earth-leakage protection | Integrated |
| Targeted country | UK |

Environment

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|---------------------------------------|------------------------------|
| Standards | IEC 61009-1 IEC 61009-2-2 |
| Product certifications | SNI |
| IP degree of protection | IP20 |
| Tropicalisation | 2 |
| Relative humidity | 95 % at 55 °C |
| Ambient air temperature for operation | -25...55 °C |
| Ambient air temperature for storage | -30...70 °C |

Offer Sustainability

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| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | Download RoHS China Declaration Product out of China RoHS scope. Substance declaration for your information |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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| Warranty | 18 months |
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