



Main

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| Device application | Distribution |
| Range | Easy9 |
| Product or component type | Residual current breaker with overcurrent protection (RCBO) |
| Device short name | Easy9 RCBO |
| Poles | 1P + Ns |
| Neutral position | Left |
| [In] rated current | 6 A |
| Earthing system | TN |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | B |
| Earth-leakage sensitivity | 30 mA |
| Earth-leakage protection time delay | Instantaneous |
| Earth-leakage protection class | Type A |
| Breaking capacity | 6000 A Icn at 230 V AC 50 Hz conforming to BS EN 61009-1 |

Complementary

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|----------------------------------------|------------------------------------|
| Device location in system | Outgoer |
| Network frequency | 50 Hz |
| [Ue] rated operational voltage | 230 V AC 50 Hz |
| Magnetic tripping limit | 3...5 x In |
| Residual current tripping technology | Voltage dependent functional earth |
| Limitation class | 3 |
| [Ui] rated insulation voltage | 500 V |
| [Uimp] rated impulse withstand voltage | 4 kV |
| Surge current | 250 A |

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| Contact position indicator | Yes |
| Control type | Toggle |
| Mounting support | DIN rail |
| 9 mm pitches | 2 |
| Height | 110 mm |
| Width | 18 mm |
| Depth | 72 mm |
| Net weight | 180 g |
| Colour | Grey (RAL 7035) |
| Mechanical durability | 10000 cycles |
| Electrical durability | 4000 cycles 230 V AC 50 Hz |
| Connections - terminals | Tunnel type terminal (top) 25 mm ² rigid Tunnel type terminal (bottom) 16 mm ² rigid Tunnel type terminal (bottom) 16 mm ² flexible Cable (top) 2 cable(s) flexible |
| Tightening torque | 2 N.m top or bottom |
| Earth-leakage protection | Integrated |

Environment

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|---------------------------------------|---------------|
| Standards | BS EN 61009-1 |
| Product certifications | CE |
| Overvoltage category | IV |
| 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

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|----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| 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

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| Warranty | 18 months |
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