

Product datasheet

Specifications



Easy9 RCD with overcurrent protection - 1P + N - 10 A - C curve - 4500 A - 30 mA

EZ9D34610

Main

| | |
|-------------------------------------|---|
| Range | Easy9 |
| Product or component type | Residual current breaker with overcurrent protection (RCBO) |
| Device short name | Easy9 RCBO |
| Poles | 1P + N |
| Neutral position | Left |
| [In] rated current | 10 A |
| Network type | AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Earth-leakage sensitivity | 30 mA |
| Earth-leakage protection time delay | Instantaneous |
| Earth-leakage protection class | Type AC |
| Breaking capacity | 4500 A Icn at 230 V AC 50 Hz conforming to IEC 61009-1 |

Complementary

| | |
|--|-----------------|
| Device application | Distribution |
| Device location in system | Outgoer |
| [Ue] rated operational voltage | 230 V AC 50 Hz |
| Magnetic tripping limit | 5...10 x In |
| [Ui] rated insulation voltage | 500 V |
| [Uimp] rated impulse withstand voltage | 4 kV |
| Surge current | 250 A |
| Contact position indicator | Yes |
| Control type | Toggle |
| Mounting support | DIN rail |
| 9 mm pitches | 4 |
| Height | 81 mm |
| Width | 36 mm |
| Depth | 66.5 mm |
| Colour | Grey (RAL 7035) |
| Mechanical durability | 8000 cycles |

| | |
|---------------------------------|---|
| Electrical durability | 2000 cycles 230 AC 50 Hz |
| Connections - terminals | Tunnel type terminal (top or bottom) 1...25 mm ² rigid Tunnel type terminal (top or bottom) 1...16 mm ² flexible |
| Tightening torque | 2 N.m top or bottom |
| Earth-leakage protection | Integrated |

Environment

| | |
|--|-------------|
| Standards | IEC 61009-1 |
| Product certifications | GOST EAC |
| Tropicalisation | 2 |
| Relative humidity | 95 % |
| Ambient air temperature for operation | -25...60 °C |
| Ambient air temperature for storage | -40...70 °C |

Packing Units

| | |
|-------------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 7.410 cm |
| Package 1 Width | 3.570 cm |
| Package 1 Length | 8.540 cm |
| Package 1 Weight | 203.000 g |
| Unit Type of Package 2 | S03 |
| Number of Units in Package 2 | 72 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 15.252 kg |



Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) **8**

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Recycled metal content at CR level **0**

Packaging made with recycled cardboard **No**

Packaging without single use plastic **No**

[EU RoHS Directive](#) **Compliant**

SCIP Number **0dbcf8b1-4732-4e36-88bc-462a078c2d4c**


REACH Regulation [REACH Declaration](#)

Use Again

Repack and remanufacture

Circularity Profile **No need of specific recycling operations**

Take-back **No**

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