# Product datasheet

Specifications



## Acti9 iID - Residual Current Circuit Breaker - 4P - 25A - 300mA - B-SI type

Local distributor code:

407193808 A9Z64425

**EAN Code: 3606489502812**

## Main

| | |
|---|---|
| **Range** | Acti9 |
| **Product name** | Acti9 iID |
| **Product or component type** | Residual current circuit breaker (RCCB) |
| **Device short name** | iID |
| **Device application** | Photovoltaic<br>3P speed drive<br>Lift |
| **Poles description** | 4P |
| **Neutral position** | Left |
| **[In] rated current** | 25 A |
| **Network type** | AC |
| **Earth-leakage sensitivity** | 300 mA |
| **Earth-leakage protection time delay** | Instantaneous |
| **Earth-leakage protection class** | Type B-SI (Super Immunised) |
| **Quality labels** | VDE<br>NF<br>IMQ<br>KEMA |

## Complementary

| | |
|---|---|
| **Device location in system** | Outgoer<br>Group incomer |
| **Network frequency** | 50 Hz |
| **[Ue] rated operational voltage** | 400 V AC 50 Hz |
| **Residual current tripping technology** | Voltage independent |
| **Rated breaking and making capacity** | Idm 1500 A<br>Im 1500 A |
| **Rated conditional short-circuit current** | 10 kA |
| **[Ui] rated insulation voltage** | 500 V |
| **[Uimp] rated impulse withstand voltage** | 6 kV |
| **Contact position indicator** | Yes |
| **Control type** | Toggle |
| **Local signalling** | ON/OFF indication<br>LED (green) for presence of voltage<br>Trip indicator |

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

| | |
|---|---|
| **Mounting mode** | Clip-on |
| **Mounting support** | 35 mm DIN rail |
| **9 mm pitches** | 8 |
| **Height** | 88 mm |
| **Width** | 72 mm |
| **Depth** | 73 mm |
| **Net weight** | 415 g |
| **Colour** | White (RAL 9003) |
| **Mechanical durability** | 20000 cycles |
| **Electrical durability** | 15000 cycles |
| **Locking options description** | Padlocking device |
| **Connections - terminals** | Double terminal front 1…35 mm² rigid<br>Double terminal front 1…25 mm² flexible<br>Double terminal front 1…25 mm² flexible with ferrule<br>Double terminal back 1…25 mm² rigid<br>Double terminal back 1…16 mm² flexible<br>Double terminal back 1…16 mm² flexible with ferrule |
| **Wire stripping length** | 14 mm for top or bottom connection |
| **Tightening torque** | 3.5 N.m top or bottom |

## Environment

| | |
|---|---|
| **Standards** | EN/IEC 61008-1<br>EN/IEC 61008-2-1<br>IEC/EN 62423 |
| **Product certifications** | CCC |
| **IP degree of protection** | IP20 conforming to IEC 60529<br>IP40 (modular enclosure) conforming to IEC 60529 |
| **IK degree of protection** | IK05 |
| **Pollution degree** | 3 |
| **Overvoltage category** | IV |
| **Electromagnetic compatibility** | 8/20 µs impulse withstand, 3 kA conforming to EN/IEC 61008-1 |
| **Operating altitude** | 0...2000 m |
| **Ambient air temperature for operation** | -25…60 °C |
| **Ambient air temperature for storage** | -40…85 °C |

## Packing Units

| | |
|---|---|
| **Unit Type of Package 1** | PCE |
| **Number of Units in Package 1** | 1 |
| **Package 1 Height** | 8.500 cm |
| **Package 1 Width** | 7.500 cm |
| **Package 1 Length** | 10.000 cm |
| **Package 1 Weight** | 416.000 g |
| **Unit Type of Package 2** | S03 |
| **Number of Units in Package 2** | 27 |
| **Package 2 Height** | 30.000 cm |

| | |
|---|---|
| **Package 2 Width** | 30.000 cm |
| **Package 2 Length** | 40.000 cm |
| **Package 2 Weight** | 11.698 kg |

## Logistical informations

| | |
|---|---|
| **Country of origin** | ES |

## Contractual warranty

| | |
|---|---|
| **Warranty (in months)** | 18 |

## 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

| | |
|---|---|
| Total lifecycle Carbon footprint | **57 kg CO2 eq.** |
| Carbon footprint of the manufacturing phase [A1 to A3] | **6 kg CO2 eq.** |
| Carbon footprint of the distribution phase [A4] | **0.1 kg CO2 eq.** |
| Carbon footprint of the installation phase [A5] | **0 kg CO2 eq.** |
| Carbon footprint of the use phase [B2, B3, B4, B6] | **50 kg CO2 eq.** |
| Carbon footprint of the end-of-life phase [C1 to C4] | **0.9 kg CO2 eq.** |
| Environmental Disclosure | Product Environmental Profile |

## Use Better

### Materials and Substances

| | |
|---|---|
| Packaging made with recycled cardboard | **Yes** |
| Packaging without single use plastic | **Yes** |
| SCIP Number | **C2a63347-7a15-4eaa-acdb-227b8b7a3919** |
| EU RoHS Directive | Compliant By Exemption |
| REACh Regulation | Reference contains Substances of Very High Concern above the threshold |
| OECD PFAS Regulation | Item contains PFAS Chemicals |
| Ship Recycling Directive | Reportable |
| POP Directive | No POPs |
| Halogen-free status | **Product contains halogen above thresholds** |
| PVC free | **Yes** |
| Silicone-free | **No** |

## Use Again

### Repack and remanufacture

| | |
|---|---|
| Recyclability potential, in % | **56** |
| End of life manual availability | End of Life Information |
| Take-back | **No** |
| WEEE Label | **The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins** |