# Product datasheet

Specifications



## Acti9 iID - RCCB - 4P - 100A - 300mA - type A-SI

A9R34491

**Price: 4,238.73 ZAR**

## Main

| | |
|---|---|
| **Range** | Acti9 |
| **Product Name** | Acti9 iID |
| **Product Or Component Type** | Residual current circuit breaker (RCCB) |
| **Device Short Name** | iID |
| **Poles Description** | 4P |
| **Neutral Position** | Left |
| **[In] Rated Current** | 100 A |
| **Network Type** | AC |
| **Earth-Leakage Sensitivity** | 300 mA |
| **Earth-Leakage Protection Time Delay** | Instantaneous |
| **Earth-Leakage Protection Class** | Type A-SI (Super Immunised) |

## Complementary

| | |
|---|---|
| **Device Location In System** | Outgoer |
| **Network Frequency** | 50/60 Hz |
| **[Ue] Rated Operational Voltage** | 380...415 V AC 50/60 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 AC 50/60 Hz |
| **[Uimp] Rated Impulse Withstand Voltage** | 6 kV |
| **Contact Position Indicator** | Yes |
| **Control Type** | Toggle |
| **Mounting Mode** | Clip-on |
| **Mounting Support** | DIN rail |
| **9 Mm Pitches** | 8 |
| **Height** | 91 mm |
| **Width** | 72 mm |
| **Depth** | 73.5 mm |
| **Net Weight** | 0.37 kg |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

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

| | |
|---|---|
| **Colour** | White |
| **Mechanical Durability** | 20000 cycles |
| **Electrical Durability** | AC-1: 10000 cycles |
| **Locking Options Description** | Padlocking device |
| **Connections - Terminals** | Single terminal top or bottom 1…35 mm² rigid<br>Single terminal top or bottom 1…25 mm² flexible<br>Single terminal top or bottom 1…25 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 |
| **Ip Degree Of Protection** | IP20 conforming to IEC 60529<br>IP40 (modular enclosure) conforming to IEC 60529 |
| **Pollution Degree** | 3 |
| **Electromagnetic Compatibility** | 8/20 µs impulse withstand, 3000 A conforming to EN/IEC 61008-1 |
| **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** | 8.2 cm |
| **Package 1 Width** | 10.0 cm |
| **Package 1 Length** | 7.5 cm |
| **Package 1 Weight** | 359.0 g |
| **Unit Type Of Package 2** | S03 |
| **Number Of Units In Package 2** | 27 |
| **Package 2 Height** | 30.0 cm |
| **Package 2 Width** | 30.0 cm |
| **Package 2 Length** | 40.0 cm |
| **Package 2 Weight** | 10.181 kg |

## Contractual warranty

| | |
|---|---|
| **Warranty** | 18 months |

## Sustainability

**Green Premium$^{TM}$ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-$CO_2$ products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >



Transparency



RoHS/REACh

## Well-being performance

| | |
|---|---|
| Mercury Free | |
| Rohs Exemption Information | Yes |
| Halogen Free Plastic Parts Product | |

## Certifications & Standards

| | |
|---|---|
| **Reach Regulation** | REACh Declaration |
| **Eu Rohs Directive** | Compliant with Exemptions |
| **China Rohs Regulation** | China RoHS declaration<br>Product out of China RoHS scope. Substance declaration for your information |
| **Environmental Disclosure** | Product Environmental Profile |
| **Weee** | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| **Circularity Profile** | No need of specific recycling operations |