

# Product datasheet

Specifications



Acti9 iLD. RCCB. 2 pole. 80A.  
30mA. type AC

A9R11280

Price: 2,010.52 ZAR

## Main

|                                     |                                         |
|-------------------------------------|-----------------------------------------|
| Range                               | Acti9                                   |
| Product Name                        | Acti9 iLD                               |
| Product Or Component Type           | Residual current circuit breaker (RCCB) |
| Device Short Name                   | iLD                                     |
| Poles Description                   | 2P                                      |
| Neutral Position                    | Left                                    |
| [In] Rated Current                  | 80 A                                    |
| Network Type                        | AC                                      |
| Earth-Leakage Sensitivity           | 30 mA                                   |
| Earth-Leakage Protection Time Delay | Instantaneous                           |
| Earth-Leakage Protection Class      | Type AC                                 |

## Complementary

|                                         |                         |
|-----------------------------------------|-------------------------|
| Device Location In System               | Outgoer                 |
| Network Frequency                       | 50/60 Hz                |
| [Ue] Rated Operational Voltage          | 220...240 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                            | 4                       |
| Height                                  | 91 mm                   |
| Width                                   | 36 mm                   |
| Depth                                   | 73.5 mm                 |
| Net Weight                              | 0.21 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                                                                   |
| Product Certifications                | SNI                                                                              |
| 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, 250 A conforming to EN/IEC 61008-1                    |
| Ambient Air Temperature For Operation | -5...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             | 8.200 cm  |
| Package 1 Width              | 4.000 cm  |
| Package 1 Length             | 10.000 cm |
| Package 1 Weight             | 236.000 g |
| Unit Type Of Package 2       | S03       |
| Number Of Units In Package 2 | 54        |
| Package 2 Height             | 30.000 cm |
| Package 2 Width              | 30.000 cm |
| Package 2 Length             | 40.000 cm |
| Package 2 Weight             | 13.088 kg |

## Contractual warranty

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

Sustainability



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**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         | <a href="#">REACH Declaration</a>                                                                                           |
| Eu Rohs Directive        | Compliant with Exemptions                                                                                                   |
| China Rohs Regulation    | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| Environmental Disclosure | <a href="#">Product Environmental Profile</a>                                                                               |
| 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                                                                                    |