

# Product datasheet

Specifications



## Acti 9 iID - RCCB - 4P - 100A - 100mA - type AC

A9R12491

### 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           | 100 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          | 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, FCA Jabal Ali & are subject to change – check with your local distributor.

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                | ISI<br>EAC                                                                       |
| 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             | 7.500 cm  |
| Package 1 Width              | 8.300 cm  |
| Package 1 Length             | 10.000 cm |
| Package 1 Weight             | 361.000 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             | 10.216 kg |

## Contractual warranty

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

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 | 117                                           |
| Environmental Disclosure         | <a href="#">Product Environmental Profile</a> |

Use Better

| Materials and Substances               |                                      |
|----------------------------------------|--------------------------------------|
| Packaging made with recycled cardboard | Yes                                  |
| Packaging without single use plastic   | Yes                                  |
| <a href="#">EU RoHS Directive</a>      | Compliant with Exemptions            |
| SCIP Number                            | E30d8de5-e712-4620-931e-4a4cf9525d5a |
| RECh Regulation                        | <a href="#">REACH Declaration</a>    |

Use Again

| Repack and remanufacture        |                                                                                                                                                                                                                 |
|---------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recyclability potential, in %   | 53                                                                                                                                                                                                              |
| End of life manual availability | No need of specific recycling operations                                                                                                                                                                        |
| 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 |