

# Product datasheet

Specifications



## Acti9 iID - RCCB - 4P - 100A - 30mA - type A

Local distributor code: 399366785 A9R21491

EAN Code : 3606480090752

### 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           | 30 mA                                   |
| Earth-leakage protection time delay | Instantaneous                           |
| Earth-leakage protection class      | Type A                                  |

### 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      | I <sub>dm</sub> 1500 A<br>I <sub>m</sub> 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  |
| Surge current                           | 250 A   |
| 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   |
| 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 mm <sup>2</sup> rigid<br>Single terminal top or bottom 1...25 mm <sup>2</sup> flexible<br>Single terminal top or bottom 1...25 mm <sup>2</sup> 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, 250 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             | 8.5 cm    |
| Package 1 Width              | 7.7 cm    |
| Package 1 Length             | 9.6 cm    |
| Package 1 Weight             | 415.0 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             | 11.647 kg |

## Offer Sustainability

|                          |  |
|--------------------------|--|
| Sustainable offer status | Green Premium product                            |
| REACH Regulation         | <a href="#">REACH Declaration</a>                |
| EU RoHS Directive        | Compliant<br><a href="#">EU RoHS Declaration</a> |
| Mercury free             | Yes  |
| China RoHS Regulation    | <a href="#">China RoHS declaration</a>           |

Product out of China RoHS scope. Substance declaration for your information

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|                                    |   |
|------------------------------------|---|
| <b>RoHS exemption information</b>  | <a href="#">Yes</a>   |
| <b>Environmental Disclosure</b>    | <a href="#">Product Environmental Profile</a>   |
| <b>WEEE</b>                        | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| <b>Halogen content performance</b> | Halogen free plastic parts product  |

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### **Contractual warranty**

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|                 |           |
|-----------------|-----------|
| <b>Warranty</b> | 18 months |
|-----------------|-----------|

### **Recommended replacement(s)**