

# Product datasheet

Specifications



## Acti9 iID - RCCB - 2P - 100A - 30mA - type AC

Local distributor code: 396893277    SEA9R11291

### Main

|                                     |                                         |
|-------------------------------------|-----------------------------------------|
| Range                               | Acti 9                                  |
| Product name                        | Acti9 iID                               |
| Product or component type           | Residual current circuit breaker (RCCB) |
| Device short name                   | iID                                     |
| Poles description                   | 2P                                      |
| 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 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                  |
| Local signalling                        | Trip indicator          |
| 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                                                                                                                                                               |
| 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 Weight             | 230.0 g |
| Package 1 Height             | 4 cm    |
| Package 1 width              | 9.5 cm  |
| Package 1 Length             | 10 cm   |

### 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                                                                                                                         |
| RoHS exemption information  | <a href="#">Yes</a>                                                                                                         |
| 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 |
| Halogen content performance | Halogen free plastic parts product                                                                                          |

Contractual warranty

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