



### Main

|                                     |   |
|-------------------------------------|---|
| Range                               | Acti 9                                  |
| Product name                        | Acti 9 iID                              |
| Product or component type           | Residual current circuit breaker (RCCB) |
| Device short name                   | iID                                     |
| Poles description                   | 4P                                      |
| 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          | 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                    |
| Surge current                           | 250 A                   |
| Contact position indicator              | Yes                     |
| Control type                            | Toggle                  |
| Mounting mode                           | Clip-on                 |
| Mounting support                        | DIN rail                |
| 9 mm pitches                            | 8                       |

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

|                             |   |
|-----------------------------|---|
| 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   |
| 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

|                  |          |
|------------------|----------|
| Package 1 Weight | 0.398 kg |
| Package 1 Height | 0.740 dm |
| Package 1 width  | 0.830 dm |
| Package 1 Length | 1.000 dm |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| 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 |

## Contractual warranty

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