



### Main

|                                     |                                         |
|-------------------------------------|-----------------------------------------|
| Range                               | Acti 9                                  |
| Product name                        | Acti 9 iID                              |
| Product or component type           | Residual current circuit breaker (RCCB) |
| Device short name                   | iID                                     |
| Poles description                   | 2P                                      |
| Neutral position                    | Left                                    |
| [In] rated current                  | 40 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          | 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                                                                                                                                                                                                      |
| Surge current                           | 250 A                                                                                                                                                                                                     |
| 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                                                                                                                                                                                                   |
| Colour                                  | White                                                                                                                                                                                                     |
| Mechanical durability                   | 20000 cycles                                                                                                                                                                                              |
| Electrical durability                   | AC-1: 15000 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 Weight             | 220 g     |
| Package 1 Height             | 4.1 cm    |
| Package 1 width              | 8.5 cm    |
| Package 1 Length             | 10 cm     |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 6         |
| Package 2 Weight             | 1.356 kg  |
| Package 2 Height             | 11 cm     |
| Package 2 width              | 9 cm      |
| Package 2 Length             | 26 cm     |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 54        |
| Package 3 Weight             | 12.829 kg |
| Package 3 Height             | 30 cm     |
| Package 3 width              | 30 cm     |
| Package 3 Length             | 40 cm     |

## Offer Sustainability

|                             |                                                                                                                                   |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status    | Green Premium product                                                                                                             |
| REACH Regulation            |  <a href="#">REACH Declaration</a>             |
| EU RoHS Directive           | Compliant  <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>        |
| 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 |
|----------|-----------|