



## Main

|                                     |                                         |
|-------------------------------------|-----------------------------------------|
| Range                               | Acti 9                                  |
| Product name                        | Acti 9 iLD                              |
| Product or component type           | Residual current circuit breaker (RCCB) |
| Device short name                   | IID                                     |
| Poles description                   | 2P                                      |
| Neutral position                    | Left                                    |
| [In] rated current                  | 80 A                                    |
| Network type                        | AC                                      |
| Earth-leakage sensitivity           | 100 mA                                  |
| Earth-leakage protection time delay | Instantaneous                           |
| Earth-leakage protection class      | Type A                                  |

## Complementary

|                                         |                                                 |
|-----------------------------------------|-------------------------------------------------|
| Network frequency                       | 50/60 Hz                                        |
| [Ue] rated operational voltage          | 220...240 V AC 50/60 Hz                         |
| 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                                            |
| 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 mm                                           |
| Product weight                          | 0.21 kg                                         |

|                             |                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Colour                      | White                                                                                                                                                                                                                                                                                                                                                               |
| Mechanical durability       | 20000 cycles                                                                                                                                                                                                                                                                                                                                                        |
| Electrical durability       | AC-1: 10000 cycles                                                                                                                                                                                                                                                                                                                                                  |
| Locking options description | Padlocking device                                                                                                                                                                                                                                                                                                                                                   |
| Connections - terminals     | Double terminal front 1...35 mm <sup>2</sup> rigid<br>Double terminal front 1...25 mm <sup>2</sup> flexible<br>Double terminal front 1...25 mm <sup>2</sup> flexible with ferrule<br>Double terminal back 1...25 mm <sup>2</sup> rigid<br>Double terminal back 1...16 mm <sup>2</sup> flexible<br>Double terminal back 1...16 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                                                                      |

## 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>                                                                               |
| Circularity Profile        | No need of specific recycling operations                                                                                    |
| 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 |
|----------|-----------|