

## Product data sheet

### Characteristics

# A9R21425

## Acti 9 iLD - RCCB - 4P - 25A - 30mA - type A



### Main

|                                     |   |
|-------------------------------------|---|
| Range                               | Acti 9                                  |
| Product name                        | Acti9 iLD                               |
| Product or component type           | Residual current circuit breaker (RCCB) |
| Device short name                   | IID                                     |
| Poles description                   | 4P                                      |
| Neutral position                    | Left                                    |
| [In] rated current                  | 25 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      | 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   |
| 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: 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   |

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## 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 $\mu$ s 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             | 360.8 g   |
| Package 1 Height             | 7.6 cm    |
| Package 1 width              | 8.2 cm    |
| Package 1 Length             | 10 cm     |
| Unit Type of Package 2       | S03       |
| Number of Units in Package 2 | 27        |
| Package 2 Weight             | 10.103 kg |
| Package 2 Height             | 30 cm     |
| Package 2 width              | 30 cm     |
| Package 2 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 | 12 months |
|----------|-----------|