

# Product data sheet

Specifications



## Acti9 ID K - residual current circuit breaker - 2P - 25A - 30mA - type A

A9Z01225

### Main

|                                     |                                         |
|-------------------------------------|-----------------------------------------|
| Range                               | Acti 9                                  |
| Product name                        | Acti9 ID K                              |
| Product or component type           | Residual current circuit breaker (RCCB) |
| Device short name                   | ID K                                    |
| Poles description                   | 2P                                      |
| 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                                  |
| Quality labels                      | VDE                                     |

### Complementary

|                                         |                                   |
|-----------------------------------------|-----------------------------------|
| Device location in system               | Outgoer                           |
| Network frequency                       | 50/60 Hz                          |
| [Ue] rated operational voltage          | 220...240 V AC 50 Hz              |
| Residual current tripping technology    | Voltage independent               |
| Rated breaking and making capacity      | Idm 500 A<br>Im 500 A             |
| Rated conditional short-circuit current | GL63: Inc 4.5 kA<br>K60: Inc 6 kA |
| [Ui] rated insulation voltage           | 440 V AC 50 Hz                    |
| [Uimp] rated impulse withstand voltage  | 4 kV                              |
| Surge current                           | 250 A                             |
| Contact position indicator              | No                                |
| Control type                            | Toggle                            |
| Mounting mode                           | Clip-on                           |

|                         |                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------|
| Mounting support        | DIN rail                                                                                |
| 9 mm pitches            | 4                                                                                       |
| Height                  | 81 mm                                                                                   |
| Width                   | 36 mm                                                                                   |
| Depth                   | 68 mm                                                                                   |
| Net weight              | 0.18 kg                                                                                 |
| Colour                  | White                                                                                   |
| Mechanical durability   | 5000 cycles                                                                             |
| Electrical durability   | AC-1: 2000 cycles                                                                       |
| Connections - terminals | Biconnect top or bottom 1...35 mm² rigid<br>Biconnect top or bottom 1...25 mm² flexible |
| 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                      | 2                                                                                |
| Electromagnetic compatibility         | 8/20 µs impulse withstand, 200 A conforming to EN/IEC 61008-1                    |
| Ambient air temperature for operation | -25...40 °C                                                                      |
| Ambient air temperature for storage   | -30...70 °C                                                                      |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Weight             | 204 g     |
| Package 1 Height             | 4 cm      |
| Package 1 width              | 8.5 cm    |
| Package 1 Length             | 9 cm      |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 6         |
| Package 2 Weight             | 1.281 kg  |
| Package 2 Height             | 8.5 cm    |
| Package 2 width              | 9.5 cm    |
| Package 2 Length             | 25.5 cm   |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 54        |
| Package 3 Weight             | 11.918 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<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 |
|----------|-----------|