

# Product datasheet

Specifications



## Residual current circuit breaker (RCCB), Acti9 iID K, 2P, 40A, AC type, 300mA

A9R75240

### Main

|                                     |                                         |
|-------------------------------------|-----------------------------------------|
| Range                               | Acti9                                   |
| Product name                        | Acti9 iID K                             |
| Product or component type           | Residual current circuit breaker (RCCB) |
| Device short name                   | iID K                                   |
| Poles description                   | 2P                                      |
| Neutral position                    | Left                                    |
| [In] rated current                  | 40 A                                    |
| Network type                        | AC                                      |
| Earth-leakage sensitivity           | 300 mA                                  |
| Earth-leakage protection time delay | Instantaneous                           |
| Earth-leakage protection class      | Type AC                                 |
| Quality labels                      | VDE                                     |

### 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 500 A<br>Im 500 A                              |
| Rated conditional short-circuit current | GL63: Inc 4.5 kA<br>K60: Inc 6 kA<br>C60: Inc 6 kA |
| [Ui] rated insulation voltage           | 440 V AC 50/60 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                      | 85 mm                                                                                                                                                                                   |
| Width                       | 36 mm                                                                                                                                                                                   |
| Depth                       | 69 mm                                                                                                                                                                                   |
| Product weight              | 0.21 kg                                                                                                                                                                                 |
| Colour                      | White                                                                                                                                                                                   |
| Mechanical durability       | 5000 cycles                                                                                                                                                                             |
| Electrical durability       | AC-1: 2000 cycles                                                                                                                                                                       |
| Locking options description | Padlocking device                                                                                                                                                                       |
| Connections - terminals     | Tunnel type terminals top or bottom 1...35 mm² rigid<br>Tunnel type terminals top or bottom 1...25 mm² flexible<br>Tunnel type terminals top or bottom 1...25 mm² flexible with ferrule |
| Wire stripping length       | 16 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 | -5...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 Height             | 8.500 cm  |
| Package 1 Width              | 4.000 cm  |
| Package 1 Length             | 10.000 cm |
| Package 1 Weight             | 201.000 g |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 6         |
| Package 2 Height             | 10.500 cm |
| Package 2 Width              | 9.000 cm  |
| Package 2 Length             | 25.500 cm |
| Package 2 Weight             | 1.302 kg  |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 54        |
| Package 3 Height             | 30.000 cm |
| Package 3 Width              | 30.000 cm |
| Package 3 Length             | 40.000 cm |
| Package 3 Weight             | 12.404 kg |

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                                                                                                                         |
| China RoHS Regulation       | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information       |
| RoHS exemption information  | <a href="#">Yes</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 & cables product                                                                                 |

Contractual warranty

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

Recommended replacement(s)