

# Product Datasheet

## Characteristic

# A9R15440

Residual current circuit breaker (RCCB),  
Acti9 iID, 4P, 40A, AC type, 300mA,  
selective



## Main

|                                     |                                         |
|-------------------------------------|-----------------------------------------|
| Range                               | Acti9                                   |
| Product name                        | Acti9 iID                               |
| product or component type           | Residual current circuit breaker (RCCB) |
| Device short name                   | iID                                     |
| poles description                   | 4P                                      |
| Neutral position                    | Left                                    |
| [In] rated current                  | 40 A                                    |
| Network type                        | AC                                      |
| Earth-leakage sensitivity           | 300 mA                                  |
| Earth-leakage protection time delay | Selective                               |
| Earth-leakage protection class      | Type AC                                 |

## 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                    |
| 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                                                                                                                                                                                     |

## 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, 3000 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             | 7.6 cm    |
| Package 1 Width              | 8.4 cm    |
| Package 1 Length             | 10.0 cm   |
| Package 1 Weight             | 351.0 g   |
| Unit Type of Package 2       | S03       |
| Number of Units in Package 2 | 27        |
| Package 2 Height             | 30.0 cm   |
| Package 2 Width              | 30.0 cm   |
| Package 2 Length             | 40.0 cm   |
| Package 2 Weight             | 10.369 kg |

## Offer Sustainability

|                             |                                                                                                                             |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status    | Green Premium product                                                                                                       |
| REACH Regulation            | Reference contains Substances of Very High Concern above the threshold                                                      |
| EU RoHS Directive           | Compliant with Exemptions                                                                                                   |
| Mercury free                | Yes                                                                                                                         |
| China RoHS Regulation       | Product out of China RoHS scope. Substance declaration for your information                                                 |
| RoHS exemption information  | Yes                                                                                                                         |
| Environmental Disclosure    | ENVPEP1409014EN                                                                                                             |
| Circularity Profile         | N/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                                                                                          |