



### Main

|                                     |   |
|-------------------------------------|---|
| Range                               | Acti9                                   |
| Product name                        | Acti9 iID                               |
| Product or component type           | Residual current circuit breaker (RCCB) |
| Device short name                   | IID                                     |
| Device application                  | Electrical Vehicle charger              |
| Poles description                   | 2P                                      |
| Neutral position                    | Left                                    |
| [In] rated current                  | 40 A                                    |
| Network type                        | AC                                      |
| Earth-leakage sensitivity           | 30 mA                                   |
| Earth-leakage protection time delay | Instantaneous                           |
| Earth-leakage protection class      | Type B-EV                               |
| Quality labels                      | VDE<br>NF<br>IMQ<br>KEMA                |

### Complementary

|   |   |
|---|---|
| Device location in system               | Outgoer<br>Group incomer  |
| Network frequency                       | 50 Hz   |
| [Ue] rated operational voltage          | 230 V AC 50 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   |
| [Uimp] rated impulse withstand voltage  | 6 kV  |
| Contact position indicator              | Yes   |
| Control type                            | Toggle  |
| Local signalling                        | ON/OFF indication<br>Presence of voltage: LED (green)<br>Trip indicator |
| Mounting mode                           | Clip-on   |
| Mounting support                        | DIN rail  |







Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|                             |   |
|-----------------------------|---|
| 9 mm pitches                | 8   |
| Height                      | 88 mm   |
| Width                       | 72 mm   |
| Depth                       | 79 mm   |
| Net weight                  | 350 g   |
| Colour                      | White   |
| Mechanical durability       | 20000 cycles  |
| Electrical durability       | 15000 cycles  |
| Locking options description | Padlocking device   |
| Connections - terminals     | Double terminal front1...35 mm <sup>2</sup> rigid<br>Double terminal front1...25 mm <sup>2</sup> flexible<br>Double terminal front1...25 mm <sup>2</sup> flexible with ferrule<br>Double terminal back1...25 mm <sup>2</sup> rigid<br>Double terminal back1...16 mm <sup>2</sup> flexible<br>Double terminal back1...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                             | IEC 61008-2-1<br>IEC/EN 62423<br>EN 61008-2-1                                    |
| Product certifications                | CCC<br>KC  |
| IP degree of protection               | IP20 conforming to IEC 60529<br>IP40 (modular enclosure) conforming to IEC 60529 |
| IK degree of protection               | IK05   |
| Pollution degree                      | 3  |
| Overvoltage category                  | IV   |
| Electromagnetic compatibility         | 8/20 µs impulse withstand, 3 kA conforming to EN/IEC 61008-1                     |
| Operating altitude                    | 0...2000 m   |
| 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          | Pro-active compliance (Product out of EU RoHS legal scope)<br> <a href="#">EU RoHS Declaration</a> |
| Mercury free               | Yes   |
| RoHS exemption information |  <a href="#">Yes</a>   |
| China RoHS Regulation      |  <a href="#">Download RoHS China Declaration</a>   |
| Environmental Disclosure   |  <a href="#">Product Environmental Profile</a>   |
| Circularity Profile        |  <a href="#">End of Life Information</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 |
|----------|-----------|