



## Main

|                                     |  |
|-------------------------------------|--|
| Range                               | Acti9  |
| Product name                        | Acti9 iCV40  |
| Product or component type           | Residual current breaker with overcurrent protection (RCBO)    |
| Device short name                   | ICV40N   |
| Device application                  | Distribution   |
| Poles description                   | 1P + N   |
| Number of protected poles           | 1  |
| Neutral position                    | Left   |
| [In] rated current                  | 13 A   |
| Network type                        | AC   |
| Trip unit technology                | Thermal-magnetic   |
| Curve code                          | C  |
| Earth-leakage sensitivity           | 30 mA  |
| Earth-leakage protection time delay | Instantaneous  |
| Earth-leakage protection class      | Type A-SI (Super Immunised)                                    |
| Breaking capacity                   | 6000 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 61009-2-1 |
| Suitability for isolation           | Yes conforming to EN/IEC 60947-2                               |
| Quality labels                      | VDE<br>EAC   |

## Complementary

|  |  |
|--|--|
| Device location in system                        | Outgoer  |
| Network frequency                                | 50/60 Hz   |
| [Ue] rated operational voltage                   | 230 V AC 50/60 Hz  |
| Magnetic tripping limit                          | 5...10 x In  |
| Residual current tripping technology             | Voltage independent  |
| [Ics] rated service breaking capacity            | 6000 A 100 % x Icn at 230 V AC 50/60 Hz conforming to EN/IEC 61009-2-1   |
| Rated breaking and making capacity               | I <sub>dm</sub> 6000 A at 230 V AC 50/60 Hz conforming to EN 61009-2-1<br>I <sub>dm</sub> 500 A at 230 V AC 50/60 Hz conforming to IEC 61009-2-1 |
| Limitation class                                 | 3 conforming to EN/IEC 61009-2-1   |
| [Ui] rated insulation voltage                    | 400 V AC 50/60 Hz  |
| [Uimp] rated impulse withstand voltage           | 4 kV   |
| Contact position indicator                       | Yes  |
| Control type                                     | Toggle   |
| Local signalling                                 | ON/OFF indication<br>Fault indication  |
| Mounting mode                                    | Clip-on  |
| Mounting support                                 | DIN rail   |
| Comb busbar and distribution block compatibility | Top or bottom: tooth   |
| 9 mm pitches                                     | 4  |
| Height   | 85 mm  |
| Width  | 36 mm  |

|                             |   |
|-----------------------------|---|
| Depth                       | 73 mm   |
| Net weight                  | 210 g   |
| Colour                      | White   |
| Mechanical durability       | 20000 cycles  |
| Electrical durability       | 20000 cycles  |
| Locking options description | Sealable<br>Padlocking device   |
| Connections - terminals     | Tunnel type terminals top or bottom 1...16 mm <sup>2</sup> rigid<br>Tunnel type terminals top or bottom 1...10 mm <sup>2</sup> flexible |
| Wire stripping length       | 14 mm for top or bottom connection  |
| Tightening torque           | 2 N.m top or bottom   |
| Earth-leakage protection    | Integrated  |


## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | EN/IEC 61009-2-1   |
| Product certifications                | CE   |
| IP degree of protection               | IP20 conforming to IEC 60529<br>IP40 (modular enclosure) conforming to IEC 60529 |
| Pollution degree                      | 3  |
| Overvoltage category                  | III conforming to IEC 60364  |
| Electromagnetic compatibility         | 8/20 µs impulse withstand, 3000 A conforming to EN/IEC 61009-2-1                 |
| Relative humidity                     | 95 % at 55 °C  |
| Operating altitude                    | 2000 m   |
| 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             | 211 g     |
| Package 1 Height             | 4 cm      |
| Package 1 width              | 8.2 cm    |
| Package 1 Length             | 10 cm     |
| Unit Type of Package 2       | BB1       |
| Number of Units in Package 2 | 6         |
| Package 2 Weight             | 1.332 kg  |
| Package 2 Height             | 11 cm     |
| Package 2 width              | 9 cm      |
| Package 2 Length             | 25 cm     |
| Unit Type of Package 3       | S03       |
| Number of Units in Package 3 | 54        |
| Package 3 Weight             | 12.452 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  <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  |

---