

## A9P64625UB3

Miniature circuit-breaker, Acti9 iC40N, 3P + 3N,  
25 A, D curve, 6000 A (IEC 60898-1), 10 kA  
(IEC 60947-2)



### Main

|                           |   |
|---------------------------|---|
| Range                     | Acti9   |
| Product name              | Acti9 iC40  |
| Product or component type | Miniature circuit-breaker   |
| Device short name         | IC40N   |
| Device application        | Distribution  |
| Poles description         | 3P + 3N   |
| Number of protected poles | 3   |
| Neutral position          | Left  |
| [In] rated current        | 25 A  |
| Network type              | AC  |
| Trip unit technology      | Thermal-magnetic  |
| Curve code                | D   |
| Breaking capacity         | 10 KA Icu at 230 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>6000 A Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1 |
| Suitability for isolation | Yes conforming to EN/IEC 60947-2  |
| Quality labels            | AENOR<br>OVE  |

### Complementary

|  |   |
|--|---|
| Network frequency                      | 50/60 Hz  |
| [Ue] rated operational voltage         | 230 V AC 50/60 Hz   |
| Magnetic tripping limit                | 10...14 x In conforming to EN/IEC 60898-1<br>12 x In +/- 20 % conforming to EN/IEC 60947-2  |
| [Ics] rated service breaking capacity  | 6000 A 100 % x Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60898-1<br>7.5 kA 75 % x Icn at 230 V AC 50/60 Hz conforming to EN/IEC 60947-2 |
| [Ui] rated insulation voltage          | 400 V AC 50/60 Hz conforming to EN/IEC 60947-2  |
| [Uimp] rated impulse withstand voltage | 4 kV conforming to EN/IEC 60947-2   |
| Contact position indicator             | Yes   |
| Control type                           | Toggle  |
| Local signalling                       | ON/OFF indication<br>Trip indicator   |
| Mounting mode                          | Clip-on   |
| Mounting support                       | DIN rail  |
| 9 mm pitches                           | 6   |
| Height                                 | 85 mm   |
| Width                                  | 54 mm   |
| Depth                                  | 74 mm   |
| Net weight                             | 360 g   |
| Colour                                 | White   |
| Mechanical durability                  | 20000 cycles  |
| Electrical durability                  | 10000 cycles  |
| Locking options description            | Padlocking device   |
| Top connection                         | Screw   |
| Bottom connection                      | Screw   |

|                          |   |
|--------------------------|---|
| Connections - terminals  | Tunnel type terminals top or bottom 1...10 mm <sup>2</sup> flexible<br>Tunnel type terminals top or bottom 1...16 mm <sup>2</sup> rigid |
| Wire stripping length    | 14 mm for top or bottom connection  |
| Tightening torque        | 2 N.m top or bottom   |
| Earth-leakage protection | Separate block  |

## Environment

|                                       |  |
|---------------------------------------|--|
| Standards                             | EN/IEC 60898-1<br>EN/IEC 60947-2   |
| Product certifications                | CE<br>BV<br>RINA<br>DNV  |
| IP degree of protection               | IP20 conforming to IEC 60529<br>IP40 (modular enclosure) conforming to IEC 60529 |
| Pollution degree                      | 3 conforming to EN/IEC 60947-2   |
| Relative humidity                     | 95 % at 55 °C  |
| Operating altitude                    | 2000 m   |
| Ambient air temperature for operation | -25...70 °C  |
| Ambient air temperature for storage   | -40...85 °C  |