



### Main

|                           |  |
|---------------------------|--|
| Range of product          | NG125  |
| Range                     | Acti 9   |
| Product name              | Acti 9 NG125   |
| Product or component type | Miniature circuit-breaker  |
| Device short name         | NG125L   |
| Device application        | Distribution   |
| Poles description         | 4P   |
| Number of protected poles | 4  |
| Neutral position          | Left   |
| [In] rated current        | 50 A at 40 °C  |
| Network type              | AC<br>DC   |
| Trip unit technology      | Thermal-magnetic   |
| Curve code                | D  |
| Breaking capacity         | 100 KA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>40 KA Icu at 440 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>50 KA Icu at 380...415 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>15 KA Icu at 500 V AC 50/60 Hz conforming to EN/IEC 60947-2<br>36 kA Icu at <= 500 V DC conforming to EN/IEC 60947-2 |
| Utilisation category      | Category A conforming to IEC 60947-2   |
| Suitability for isolation | Yes conforming to IEC 60947-2  |

### Complementary

|  |  |
|--|--|
| Network frequency                                | 50/60 Hz   |
| [Ue] rated operational voltage                   | 380...415 V AC 50/60 Hz<br>500 V AC 50/60 Hz<br><= 500 V DC<br>220...240 V AC 50/60 Hz<br>440 V AC 50/60 Hz  |
| Magnetic tripping limit                          | 12 x In +/- 20 %   |
| [Ics] rated service breaking capacity            | 75 KA 75 % conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz<br>37.5 KA 75 % conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz<br>30 KA 75 % conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz<br>11.25 KA 75 % conforming to EN/IEC 60947-2 - 500 V AC 50/60 Hz<br>50 kA 100 % conforming to EN/IEC 60947-2 - 500 V DC |
| [Ui] rated insulation voltage                    | 690 V AC 50/60 Hz conforming to EN/IEC 60947-2   |
| [Uimp] rated impulse withstand voltage           | 8 kV conforming to EN/IEC 60947-2  |
| Contact position indicator                       | Yes  |
| Control type                                     | Toggle<br>Manual tripping test   |
| Local signalling                                 | Trip indicator<br>ON/OFF indication  |
| Mounting mode                                    | Clip-on  |
| Mounting support                                 | 35 mm symmetrical DIN rail   |
| Comb busbar and distribution block compatibility | YES  |
| 9 mm pitches                                     | 12   |

|                             |   |
|-----------------------------|---|
| Height                      | 103 mm  |
| Width                       | 108 mm  |
| Depth                       | 81 mm   |
| Net weight                  | 0.96 kg   |
| Mechanical durability       | 20000 cycles  |
| Electrical durability       | 10000 cycles  |
| Provision for padlocking    | Padlockable   |
| Locking options description | Integrated padlocking   |
| Connections - terminals     | Tunnel type terminals 1.5...50 mm <sup>2</sup> rigid<br>Tunnel type terminals 1...35 mm <sup>2</sup> flexible |
| Wire stripping length       | 20 mm   |
| Tightening torque           | 3.5 N.m   |
| Earth-leakage protection    | Separate block  |

## Environment

|                                       |                                 |
|---------------------------------------|---------------------------------|
| Standards                             | EN/IEC 60947-2                  |
| IP degree of protection               | IP20 conforming to IEC 60529    |
| IK degree of protection               | IK05 conforming to EN/IEC 62262 |
| Pollution degree                      | 3 conforming to IEC 60947-2     |
| Overvoltage category                  | IV                              |
| Tropicalisation                       | 2 conforming to IEC 60068-1     |
| Relative humidity                     | 95 % at 55 °C                   |
| Operating altitude                    | 2000 m                          |
| Ambient air temperature for operation | -30...70 °C                     |
| Ambient air temperature for storage   | -40...70 °C                     |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Weight             | 999 g     |
| Package 1 Height             | 8.5 cm    |
| Package 1 width              | 12.4 cm   |
| Package 1 Length             | 15.2 cm   |
| Unit Type of Package 2       | S03       |
| Number of Units in Package 2 | 12        |
| Package 2 Weight             | 12.442 kg |
| Package 2 Height             | 30 cm     |
| Package 2 width              | 30 cm     |
| Package 2 Length             | 40 cm     |

## Offer Sustainability

|                            |   |
|----------------------------|---|
| Sustainable offer status   | Green Premium product   |
| REACH Regulation           | <a href="#">REACH Declaration</a>   |
| REACH free of SVHC         | Yes   |
| EU RoHS Directive          | Compliant <a href="#">EU RoHS Declaration</a>   |
| Toxic heavy metal free     | Yes   |
| 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>   |
| 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

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| Warranty | 18 months |
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