



### Glavno

|                           |  |
|---------------------------|--|
| 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         | 1P   |
| Number of protected poles | 1  |
| [In] rated current        | 50 A at 40 °C  |
| Network type              | AC<br>DC   |
| Trip unit technology      | Thermal-magnetic   |
| Curve code                | B  |
| Breaking capacity         | 50 kA Icu conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz<br>100 kA Icu conforming to EN/IEC 60947-2 - 110...130 V AC 50/60 Hz<br>50 kA Icu conforming to EN/IEC 60947-2 - 125 V DC<br>50 kA Icu conforming to EN/IEC 60947-2 - 12 V DC<br>36 kA Icu conforming to EN/IEC 60947-2 - <= 144 V DC<br>12.5 kA Icu conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz |
| Utilisation category      | Category A conforming to IEC 60947-2   |
| Suitability for isolation | Yes conforming to IEC 60947-2  |

### Komplementarno

|  |   |
|--|---|
| Network frequency                                | 50/60 Hz  |
| [Ue] rated operational voltage                   | 12 V DC<br>125 V DC<br>220...240 V AC 50/60 Hz<br>380...415 V AC 50/60 Hz<br>110...130 V AC 50/60 Hz<br><= 144 V DC   |
| Magnetic tripping limit                          | 4 x In  |
| [Ics] rated service breaking capacity            | 37.5 kAat 75 % of breaking cap. conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz<br>75 kAat 75 % of breaking cap. conforming to EN/IEC 60947-2 - 110...130 V AC 50/60 Hz<br>9.37 kAat 75 % of breaking cap. conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz<br>50 kAat 100 % of breaking cap. conforming to EN/IEC 60947-2 - 60 V DC<br>50 kAat 100 % of breaking cap. conforming to EN/IEC 60947-2 - 125 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                                 | ON/OFF indication<br>Trip indicator   |
| Mounting mode                                    | Clip-on   |
| Mounting support                                 | 35 mm symmetrical DIN rail  |
| Comb busbar and distribution block compatibility | YES   |
| 9 mm pitches                                     | 3   |

Informacije dane u ovoj dokumentaciji sadrže opće opise i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda. Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene. Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i popununu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog. Niti društvo Schneider Electric Industries SAS niti bilo koje od njegovih povezanih poduzeća ili podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

|                             |   |
|-----------------------------|---|
| Height                      | 103 mm  |
| Width                       | 27 mm   |
| Depth                       | 81 mm   |
| Product weight              | 0.24 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    | Without   |

## Okolina

|                                       |                                 |
|---------------------------------------|---------------------------------|
| 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 % 55 °C                      |
| operating altitude                    | 2000 m                          |
| ambient air temperature for operation | -30...70 °C                     |
| ambient air temperature for storage   | -40...70 °C                     |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|