



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 | 1P |
| Number of protected poles | 1 |
| [In] rated current | 25 A at 40 °C |
| Network type | DC AC |
| Trip unit technology | Thermal-magnetic |
| Curve code | B |
| Breaking capacity | 50 KA Icu at 220...240 V AC 50/60 Hz conforming to EN/IEC 60947-2 100 KA Icu at 110...130 V AC 50/60 Hz conforming to EN/IEC 60947-2 50 KA Icu at 12 V DC conforming to EN/IEC 60947-2 50 KA Icu at 125 V DC conforming to EN/IEC 60947-2 36 KA Icu at <= 144 V DC conforming to EN/IEC 60947-2 12.5 kA Icu at 380...415 V AC 50/60 Hz 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 125 V DC <= 144 V DC 12 V DC 220...240 V AC 50/60 Hz 110...130 V AC 50/60 Hz |
| Magnetic tripping limit | 4 x In |
| [Ics] rated service breaking capacity | 37.5 KA 75 % conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 75 KA 75 % conforming to EN/IEC 60947-2 - 110...130 V AC 50/60 Hz 9.37 KA 75 % conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 50 KA 100 % conforming to EN/IEC 60947-2 - 60 V DC 50 KA 100 % 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 | Manual tripping test Toggle |
| Local signalling | Trip indicator ON/OFF indication |
| Mounting mode | Clip-on |
| Mounting support | 35 mm symmetrical DIN rail |
| Comb busbar and distribution block compatibility | YES |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

| | |
|-----------------------------|---|
| 9 mm pitches | 3 |
| Height | 103 mm |
| Width | 27 mm |
| Depth | 81 mm |
| Net 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 ² rigid Tunnel type terminals 1...35 mm ² flexible |
| Wire stripping length | 20 mm |
| Tightening torque | 3.5 N.m |
| Earth-leakage protection | Without |

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

| | |
|------------------|----------|
| Package 1 Weight | 0.240 kg |
| Package 1 Height | 0.800 dm |
| Package 1 width | 0.300 dm |
| Package 1 Length | 1.100 dm |

Offer Sustainability

| | |
|----------------------------|---|
| Sustainable offer status | Green Premium product |
| REACH Regulation | REACH Declaration |
| REACH free of SVHC | Yes |
| EU RoHS Directive | Compliant EU RoHS Declaration |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| RoHS exemption information | Yes |
| China RoHS Regulation | China RoHS Declaration |
| Environmental Disclosure | Product Environmental Profile |
| Circularity Profile | End Of Life Information |
| 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 |
|----------|-----------|