



Main

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| Range of product | NG125 |
| Range | Acti 9 |
| Product name | Acti 9 NG125 |
| Product or component type | Miniature circuit-breaker |
| Device short name | NG125H |
| Device application | Distribution |
| Poles description | 3P |
| Number of protected poles | 3 |
| [I _n] rated current | 50 A at 40 °C |
| Network type | AC DC |
| Trip unit technology | Thermal-magnetic |
| Curve code | C |
| Breaking capacity | 12 kA I _{cu} conforming to EN/IEC 60947-2 - 500 V AC 50/60 Hz 30 kA I _{cu} conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 36 kA I _{cu} conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 70 kA I _{cu} conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 25 kA I _{cu} conforming to EN/IEC 60947-2 - ≤ 375 V DC |
| Utilisation category | Category A conforming to IEC 60947-2 |
| Suitability for isolation | Yes conforming to IEC 60947-2 |

Complementary

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| Network frequency | 50/60 Hz |
| [U _e] rated operational voltage | 220...240 V AC 50/60 Hz 380...415 V AC 50/60 Hz 440 V AC 50/60 Hz 500 V AC 50/60 Hz ≤ 375 V DC |
| Magnetic tripping limit | 8 x I _n |
| [I _{cs}] rated service breaking capacity | 52.5 kA at 75 % of breaking cap. conforming to EN/IEC 60947-2 - 220...240 V AC 50/60 Hz 27 kA at 75 % of breaking cap. conforming to EN/IEC 60947-2 - 380...415 V AC 50/60 Hz 22.5 kA at 75 % of breaking cap. conforming to EN/IEC 60947-2 - 440 V AC 50/60 Hz 9 kA at 75 % of breaking cap. conforming to EN/IEC 60947-2 - 500 V AC 50/60 Hz 36 kA at 100 % of breaking cap. conforming to EN/IEC 60947-2 - 375 V DC |
| [U _i] rated insulation voltage | 690 V AC 50/60 Hz conforming to EN/IEC 60947-2 |
| [U _{imp}] rated impulse withstand voltage | 8 kV conforming to EN/IEC 60947-2 |
| Contact position indicator | Yes |
| Control type | Toggle Manual tripping test |
| Local signalling | ON/OFF indication Trip indicator |
| Mounting mode | Clip-on |
| Mounting support | 35 mm symmetrical DIN rail |
| Comb busbar distribution block compatibility | YES |
| 9 mm pitches | 9 |
| Height | 103 mm |
| Width | 81 mm |

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|-----------------------------|-----------------------|
| Depth | 81 mm |
| Product weight | 0.72 kg |
| Mechanical durability | 20000 cycles |
| Electrical durability | 10000 cycles |
| Provision for padlocking | Padlockable |
| Locking options description | Integrated padlocking |
| Connections - terminals | |
| Wire stripping length | 20 mm |
| Tightening torque | 3.5 N.m |
| Earth-leakage protection | Separate block |

Environment

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|---------------------------------------|---------------------------------|
| 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 |
| ambient air temperature for operation | -30...70 °C |
| ambient air temperature for storage | -40...70 °C |