

Product sheet

Acti9 NG125N 3P 32 A C Curve Automatic Circuit Breaker

Brand: SCHNEIDER

Reference: IMPO 18636



Miniature automatic circuit breaker Acti9 NG125N, 3-pole, 32 A, C curve, with breaking capacity I_{cu} of 25 kA at 380–415 V AC, designed for use in small commercial applications. Features thermal-magnetic protection, 35 mm DIN rail mounting, and operates within temperature range of -30 to 70 °C.

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Description

Miniature three-phase automatic circuit breaker Acti9 NG125N, designed to protect electrical circuits in small commercial applications. Operates using thermal-magnetic technology with C curve, suitable for currents above 0.1 A. Its breaking capacity I_{cu} reaches up to 50 kA at 220...240 V AC, 25 kA at 380...415 V AC, and 20 kA at 500 V AC, ensuring safety under overload or short-circuit conditions.

Technical Features

- Number of poles: 3P
- Number of protected poles: 3
- Rated current [I_n]: 32 A at 40 °C
- Supply type: Alternating current AC
- Tripping curve: C
- Breaking capacity I_{cu} : 20 kA (500 V AC), 25 kA (380...415 V AC), 50 kA (220...240 V AC)
- Service breaking capacity [I_{cs}]: 37.5 kA (220...240 V AC), 18.75 kA (380...415 V AC), 15 kA (440 V AC), 7.5 kA (500 V AC), 20 kA (≤ 375 V DC)
- Rated operating voltage [U_e]: 220...240 V AC, 380...415 V AC, 440 V AC, 500 V AC
- Rated insulation voltage [U_i]: 690 V AC
- Surge voltage withstand [U_{imp}]: 8 kV
- Supply frequency: 50/60 Hz
- Contact position indicator: Yes
- Local indicators: On/off indication, trip indicator

- Mounting: Adjustable clip, symmetrical 35 mm DIN rail mounting support
- Connections: Tunnel-type terminals (1.5...50 mm² rigid, 1...35 mm² flexible)
- Stripping length: 20 mm
- Torque: 3.5 N·m
- Lockable: Yes, with integrated lock
- Mechanical durability: 20,000 cycles
- Electrical durability: 10,000 cycles
- Protection degree: IP20, IK05
- Contamination degree: 3
- Overvoltage category: IV
- Tropicalization: 2
- Operating ambient temperature: -30...70 °C
- Storage ambient temperature: -40...70 °C
- Standards: Icu
- Market segment: Small commercial
- Sustainable offering status: Green Premium product
- Compliant with REACH without SVHC: Yes
- EU RoHS Directive: Compliant
- China RoHS: Proactive declaration
- Waste electrical and electronic equipment (WEEE): Disposal according to specific system in EU

Specifications

Frequency	50/60 Hz
Rated current (A)	32
Width	35 mm
Curve	C
EAN	3303430186366
Manufacturer	SCHNEIDER
No. of poles	3P
Depth	35 mm
Protection	IK05
Nominal voltage (V)	220...240 V AC, 380...415 V AC, 440 V AC, 500 V AC
Current type	AC

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