

Product sheet

Acti9 NG125N 4P 50 A C Curve Automatic Circuit Breaker

Brand: SCHNEIDER

Reference: IMPO 18655



Miniature automatic circuit breaker Acti9 NG125N, 4 poles, 50 A, C curve, with breaking capacity I_{cu} of 25 kA at 380-415 V AC, thermal-magnetic design, 35 mm DIN rail mounting, suitable for installations in small buildings and small businesses, with IP20 and IK05 protection, compatible with integrated locking systems.

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Description

Thermal-magnetic circuit breaker of the Acti9 NG125N type, designed to protect electrical circuits in small industrial and commercial installations. Its 4-pole configuration allows protection of three-phase circuits with neutral, ensuring safety in applications with current above 0.1 A. It incorporates thermal-magnetic technology for effective tripping during overloads and short circuits.

Technical Features

- Number of poles: 4P
- Number of protected poles: 4
- Rated current [I_n]: 50 A at 40 °C
- Network type: AC
- Tripping curve: C
- Breaking capacity [I_{cu}]: 25 kA at 380...415 V AC 50/60 Hz
- Service breaking capacity [I_{cs}]: 18.75 kA at 380...415 V AC 50/60 Hz (75 % of I_{cu})
- Rated operating voltage [U_e]: 220...240 V, 380...415 V, 440 V, 500 V AC 50/60 Hz
- Rated insulation voltage [U_i]: 690 V AC 50/60 Hz
- 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, symmetric 35 mm DIN rail mounting support

- Connections: Tunnel-type terminals (1.5...50 mm² rigid, 1...35 mm² flexible)
- Stripping length: 20 mm
- Tightening torque: 3.5 N·m
- Lockable: With integrated lock
- Mechanical durability: 20 000 cycles
- Electrical durability: 10 000 cycles
- Protection degree IP: IP20
- Protection degree IK: IK05
- Operating ambient temperature: -30...70 °C
- Storage ambient temperature: -40...70 °C
- Standards: Icu
- Compliant with RoHS EU, free of toxic heavy metals and mercury

Specifications

Frequency	50/60 Hz
Rated current (A)	50
Width	75 mm
Curve	C
EAN	3303430186557
Manufacturer	SCHNEIDER
Range	Industrial
Long	200 mm
No. of poles	4P
Depth	120 mm
Protection	IP20
Cable cross-section (mm²)	35 mm²
Current type	AC

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