

Controller **LIM N1030**

Technical description

Characteristic

- control PID, ON/OFF mode
- double 4-digit display
- autotuning
- adjustable offset for the sensor
- control action: heating or cooling
- programmable input
- 2 programmable control/alarm outputs
- 6 alarm functions
- sensor damage detection
- simple configuration menu
- front panel protection: IP65
- minimum mounting depth: 35 mm
- detachable terminal block

Input

- J: (-110 ÷ 950) °C
- K: (-150 ÷ 1370) °C
- T: (-160 ÷ 400) °C
- Pt100: (-200 ÷ 850) °C

Accuracy

- ±0,25% of range, ±1 °C dla: J, K, T
- ±0,2% of range for: Pt100

Output I

- SSR: 5 V DC/25 mA max.

Output II

- relay: NO 1,5 A/240 V AC

Power source

- (100 ÷ 240) V AC/DC (±10%)
- (12 ÷ 24) V AC/DC
- 5 VA

Operating conditions

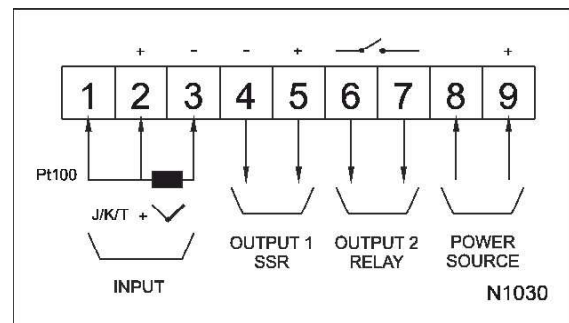
- temperature: (0 ÷ 50) °C
- humidity: (0 ÷ 85) % RH without condensation

Dimension [mm]

48x48x35; hole: 45,5x45,5



Wiring diagram



Ordering example

Controller LIM N1030 (standard power source (100 ÷ 240) V)
Controller LIM N1030-24 V (optional power source (12 ÷ 24) V)