

## CONTROLLER TYPE N960

### Specification:

#### Characteristic:

- control output: SPST relay and voltage pulse
- display: 4 digits, 13 mm for PV and 10 mm for SV
- programmable offset for sensor
- ramp and soak: one controller ramp and one time soak
- auto tuning PID
- detects any sensor failure
- easy to set programming menu for non-experienced-users
- 4 - level keypad protection prevents unauthorized-parameter changes
- 2 relay alarms

#### Input:

TC	J, K, S, T, N, R
RTD	Pt100

#### Accuracy:

±0,25%±1°C	for TC
±0,2%°C	forPt100

#### Output I:

relay 3A/240 VAC (3A/30 VDC)

#### Output II:

relay 3A/240 VAC (3A/30 VDC)  
SSR 5 VDC 20 mA max

#### Characteristic of work:

regulation	PID
operating conditions	0...55°C/20...85%RH non condensing

#### Supply voltage:

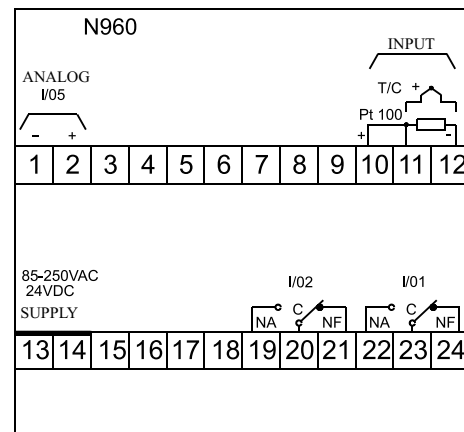
85-265V AC

#### Enclosure dimensions:

96x96x92 mm hole 92,5x92,5 mm



### Connection diagrams:



### Ordering code:

#### Temperature controller

Supply: 90-250V AC: **4**

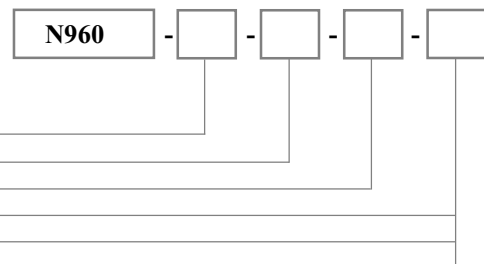
Input: **1**

Output I: relay 3A/240 VAC (3A/30 VDC): **1**

Output II: relay 3A/240 VAC (3A/30 VDC): **1**

SSR 5VDC/20mA: **2**

Current 4...20 mA: **3**



### Example of ordering: N960-4-1-1-2