



# Microprocessor Controller - N SERIES

## 微電腦控制器 - N系列

Appliance : Controlling temperature  
用途 : 控制-溫度



### ■ Features

1. Two-point alarm, each has 6 alarm modes
2. Equipped PID control mode for accurate temperature control
3. Sensor break display indication
4. With SMART TEMPERATURE TRANSDUCER function
5. Adjustable input signal

### ■ 特性

1. 二組警報設定，每組有6種模式可選擇
2. 具備PID控制方式，控溫精準
3. 訊號斷線提醒功能
4. 採用對談式設計，可省去查表之麻煩
5. 輸入信號可隨意切換選擇

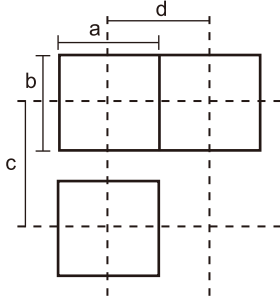
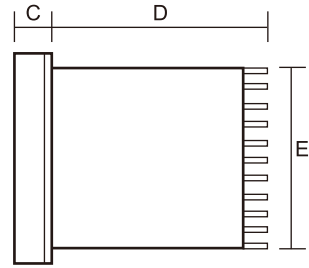
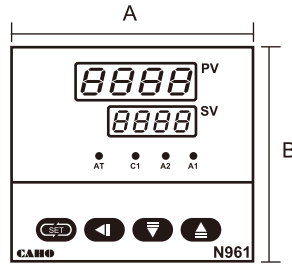
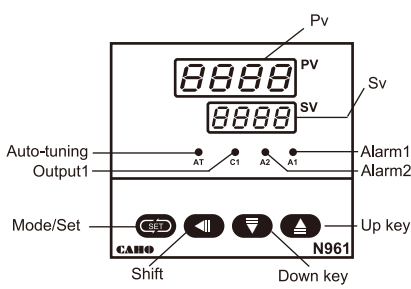
### ■ SPECIFICATION

**Power Supply :** AC 85V~260V, 50/60HZ  
**Input :** K, J, Pt, R, S  
**Output :** RELAY(250V/3A), DC24V, DC linear...  
**Control :** PID, ON/OFF  
**P Band :** 0%~200% full Scale  
**Cycle Time :** 0~150 Sec.  
**Accuracy :** ±0.3% full Scale  
**Ambient Temperature :** -10 °C~55 °C, below 90% humidity  
**Power Consumption :** Less than 5VA  
**Input Impedance :** 20M ohm 500V DC  
**High/Low Alarm :** 6 alarm modes

### ■ 規格說明

**電源 :** AC 85V~260V, 50/60HZ  
**輸入 :** K, J, Pt, R, S  
**輸出 :** RELAY(250V/3A), DC24V, DC linear...  
**控制方式 :** PID, ON/OFF  
**比例帶 :** 0%~200% 全刻度  
**比例週期 :** 0~150 秒  
**精準度 :** ±0.3% 全刻度  
**環境溫濕度 :** 濕度低於90%，常溫介於零下10度至55度  
**消耗電力 :** 小於 5VA  
**輸入阻抗 :** 20M ohm 500V DC  
**上/下限警報 :** 6 種模式

**DIMENSION 尺寸圖**

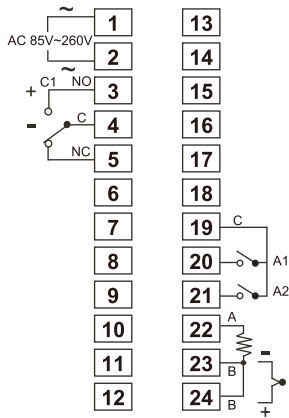


Panel Cutout 開孔尺寸

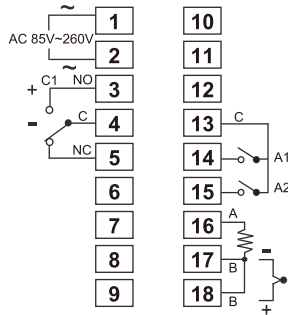
(Unit : mm)

Model 型號	A	B	C	D	E	a	b	c	d
N961	96	96	12	85	91	92 <sup>+0.5</sup> <sub>-0.5</sub>	92 <sup>+0.5</sup> <sub>-0.5</sub>	120	110
N721	72	72	12	85	67	68 <sup>+0.5</sup> <sub>-0.5</sub>	68 <sup>+0.5</sup> <sub>-0.5</sub>	100	85
N491	48	96	12	85	91	46 <sup>+0.5</sup> <sub>-0.5</sub>	92 <sup>+0.5</sup> <sub>-0.5</sub>	120	60
N481	48	48	12	85	45	46 <sup>+0.5</sup> <sub>-0.5</sub>	46 <sup>+0.5</sup> <sub>-0.5</sub>	75	60

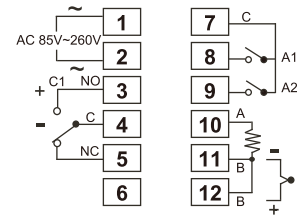
**WIRING DIAGRAM 接線圖**



N961/N491

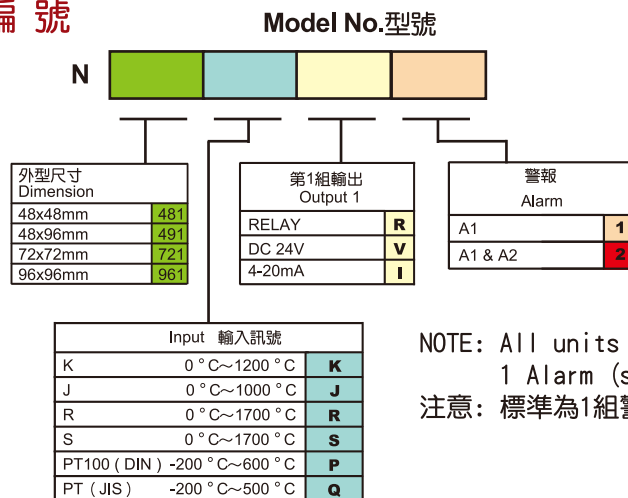


N721



N481

**ORDERING CODE 訂貨編號**



NOTE: All units are fitted with 1 Alarm (standard).

注意: 標準為1組警報