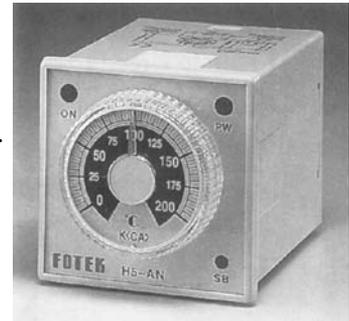# DIN 48X48
Temperature Controller

H5-AN
series

☆ DIN 48X48

☆ All Type With Sensor Break Alarm LED
全機種附斷線警報指示燈

☆ With Cold Junction Compensation, Suited To Operated At $-20^{o}C \sim +60^{o}C$.
附冷接點補償，適用-20℃～+60℃

☆ Setting Accurancy Less Than 1.0% of F.S.
設定精度少於1.0%

☆ With P+D Control To Control Temperature Easily.
PFD控制方式，可精確控溫

■Specification/規格

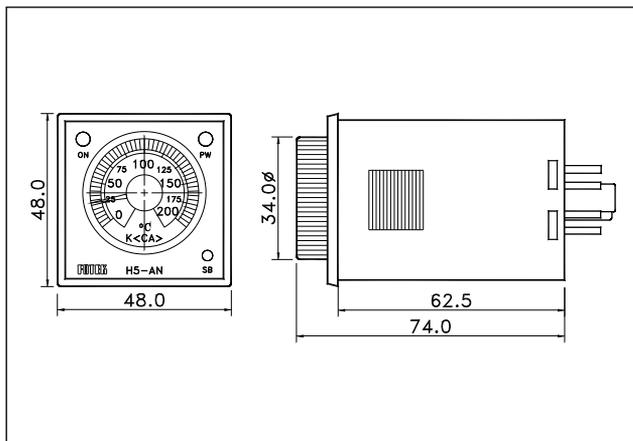| Model型號	H5 - AN - □□ -□
Sensor Type感溫線	K<CA>orJ<1C>or PT-100Ω
Control Method控制方式	P+D ON/OFF or ON/OFF
Output Method輸出方式	Relay < 5A/250 VAC > or Voltage < 20 mA/12V >
Cycle Time動作週期	2 sec or 20 sec
Degree Unit單位	℃
Power Supply工作電壓	110 / 220 VAC 20%, 50/60Hz
Current Consumption耗電流	2.5 VA max.
Insulation Resistance絕緣阻抗	100MΩ / 500 VDC
Dielectric Strength耐壓強度	2.5 KV / 1 min
Vibration Resistance抗振動	10~55 Hz/1.5mm, 2Hrs
Operating Temp/Hum工作環境	-20 ~+60 C; 35%~85% RH
Weight重量	Appr. 185g

■Guiding of Model/型號索引

H5 - AN - PT - R 4 - S
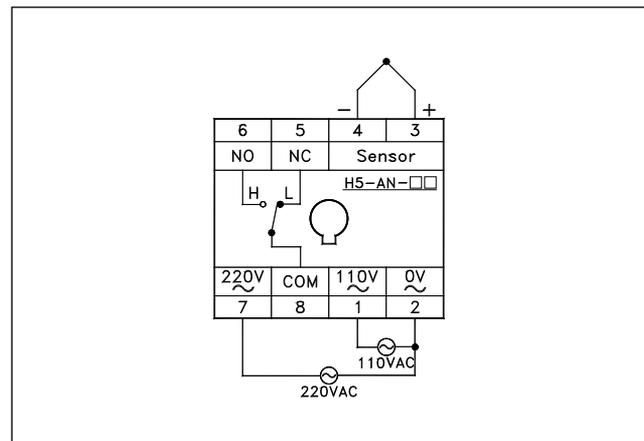① ② ③ ④⑤ ⑥

① Series 系列
H5 series

② Method of Setting 設定方式
AN = Trimmer Type

③ Type of Sensor
NOU = K Type
J = J Type
PT =PT Type

④ Method of Output 輸出方式
R = Relay < 5A/250 VAC >
V = Voltage < 20mA/12 VDC >

⑤ Range of Setting 設定範圍
1 = 0 ~ 100
2 = 0 ~ 200
4 = 0 ~ 400

⑥ Method of Control 控制方式
Non = P+D ON / OFF
S = ON / OFF

■Dimension/外型尺寸

48.0

48.0

34.0∅

62.5

74.0

■Connection Diagram/接線圖

6	5	4	3
NO	NC	Sensor	

H5-AN-□□

220V	COM	110V	0V
7	8	1	2

110VAC
220VAC

FOTEK

■Control Output 控制輸出

ON/OFF LED Turn to Green Color , Control Output Turn ON. 綠色動作燈，表示控制輸出動作。
ON/OFF LED Turn to Red Color , Control Output Turn OFF. 紅色動作燈，表示控制輸出復歸。
but , Linear Output Type That ON/OFF LED Turn to Green Color. 但，線性輸出型，動作燈亮綠色。

■Sensor Break Alarm (SB)測溫體斷線指示燈

SB LED Turn ON when Sensor Break測溫體斷線時，SB燈會亮著。

■Stand-by/Over-heat Alarm (AL)待機／過熱警報
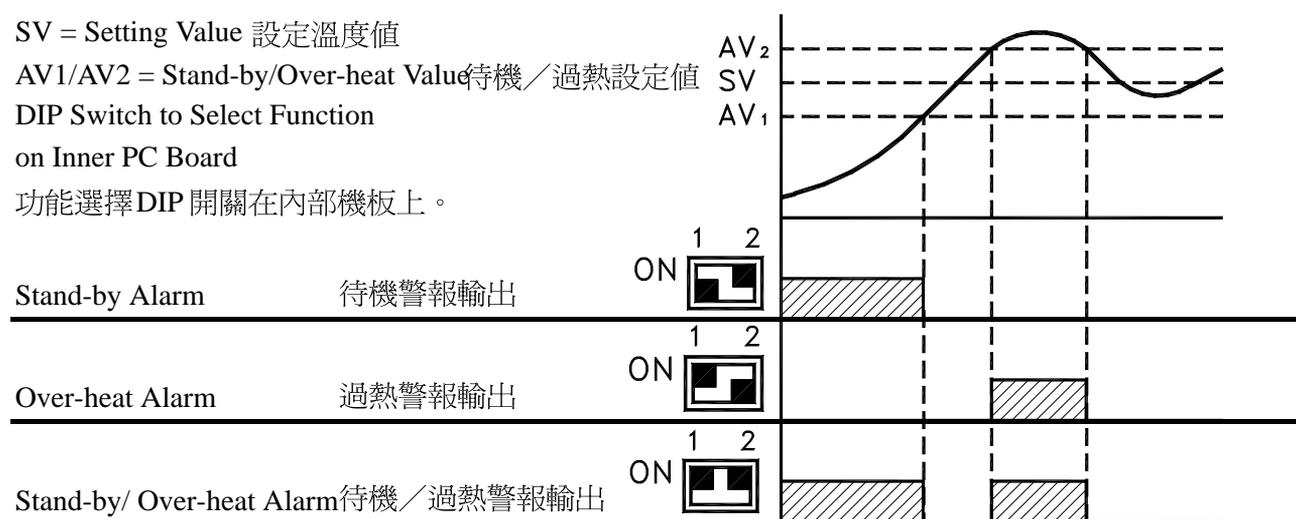
SV = Setting Value 設定溫度值
AV1/AV2 = Stand-by/Over-heat Value待機／過熱設定值
DIP Switch to Select Function
on Inner PC Board
功能選擇DIP開關在內部機板上。

Stand-by Alarm　　　　　　待機警報輸出

Over-heat Alarm　　　　　　過熱警報輸出
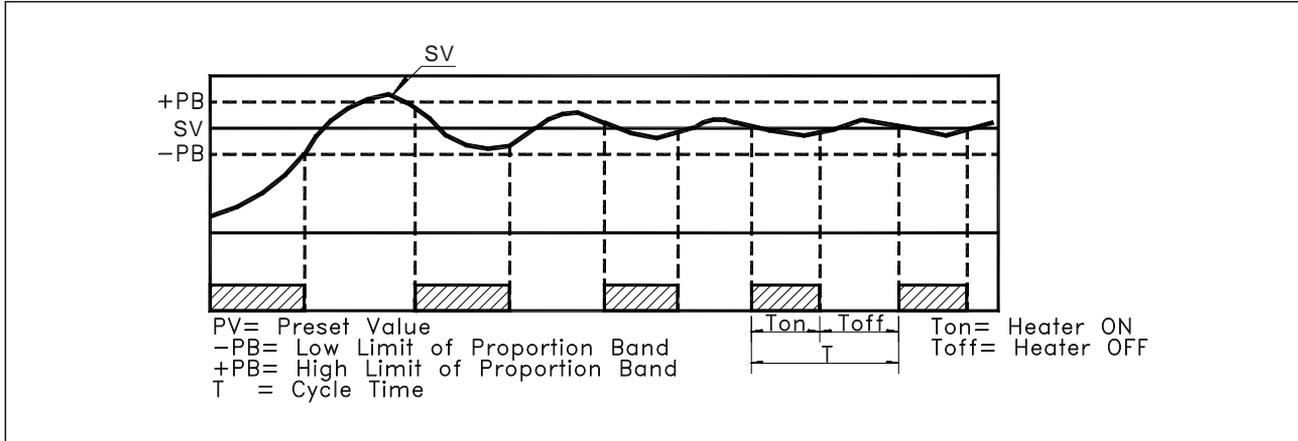
Stand-by/ Over-heat Alarm待機／過熱警報輸出

■Heater Break Alarm (HB)加熱器斷線警報

Heater Break Alarm Output Turns ON when the Current of Heater Lower than Setting Value that may set at Front Panel. (0.5A~25A standard/1.0A~50A Optioned)
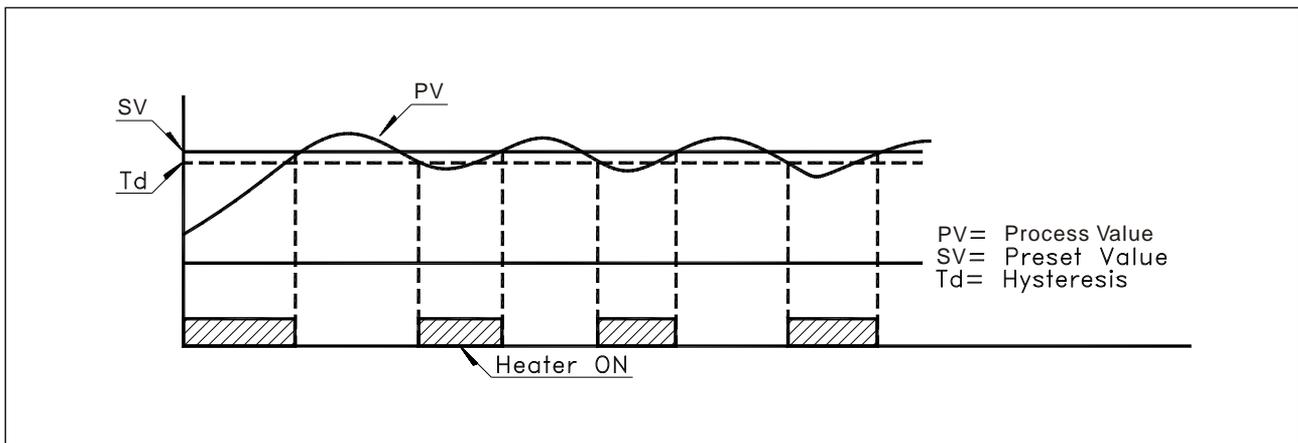當加熱器電流低於設定值時，加熱器斷線警報即動作，設定值可在面板設定，標準 0.5A~25A，訂做 1.0A~50A

Temperature Controller

TC
Series

■Illustration/說明

P+D ON/OFF


```
PV= Preset Value
−PB= Low Limit of Proportion Band
+PB= High Limit of Proportion Band
T  = Cycle Time
Ton= Heater ON
Toff= Heater OFF
```

ON/OFF（S）


```
PV= Process Value
SV= Preset Value
Td= Hysteresis
```
Heater ON

Proportion


```
PV= Process Value
SV= Preset Value
PB= Proportion Band
```

FOTEK