



CH,TH系列 / CH,TH SERIES

- 不需提供電源，電子計數，計時器。
Self-Powered Digital Counter/timer
- 48X24小型尺寸。
48X24 Panel dimension
- 7位數LCD顯示。
7 digits LCD Display

訂購型號(Ordering Information)

Model No.	CH-7N	CH-7P	CH-7A	TH-7NM	TH-7NH	TH-7AM	TH-7AH
功能 Feature	計數器 Counter			計時器 Timer			
輸入信號 Input signal	NPN	PNP	HI-V	NPN		HI-V	
計數 / 計時範圍 Range	9999999			999999.9			
單位 Unit	每PULSE 加1 Count 1 per pulse			分 Minute	小時 Hour	分 Minute	小時 Hour

特性(Specification)

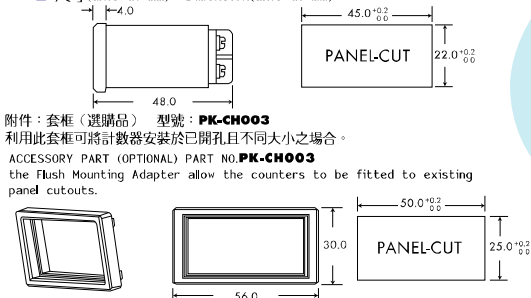
- 一般特性(General feature)

Model No.	CH-7x	TH-7xx
安裝 Mounting	埋入式 Flush Mounting	
污染等級 Degree of Pollution	CAT II	
安裝等級 Degree of Installation	CAT II	
位數 Digits	9999999	999999.9
顯示 Display	8mmH LCD	
輸入單位 Input signal	NPN (無電壓輸入): 經由電晶體開集極或relay接點 NPN(Non-voltage): Via opening and closing contact	
	PNP (電壓輸入): HI 單位=6.5-24VDC, LO 單位=0-4VDC PNP(Voltage): Via signals HI(6.5-24VDC) and LO (0-4VDC) Voltage	
	HI-V (高電壓輸入): AC/DC 90-240V HI-V:AC/DC 90-240V	
電池壽命 Data Backup	至少10年 KEEPS 10 years at least.	

環境特性(Rating)

操作溫度 Ambient operation temperature	0 to 50°C
儲存溫度 Storage temperature	-24 to 60°C with no icing(無結冰)
環境濕度 Ambient operating	35% to 85%RH

- 尺寸(unit in mm) Dimension(unit in mm)



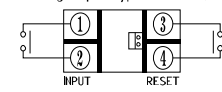
將計數器由面板的前面開孔插入，再從後面將護罩推入使計數器與開孔面板密合。
Insert the counter in the cutout from the front, and then Insert the adapter from the back and push in the counter while making the gap between the front panel and the cutout panel as small as possible

注意 Caution

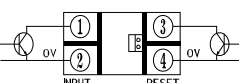
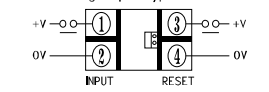
1. 感測器和輸入信號線務必遠離電子干擾源。如：高壓電源線。
2. 本計數器為埋入式元件，其安裝環境務必保持良好。
3. 為了確保電源供應正常，應使用18AWG的導線及使用U型端子固定。
1.The counter, input signal lines, and the input sensors must be separated as far as possible from any sources of electrical noise, such as high-voltage power lines.
2.The counter is a built-in component during installation the relevant requirement shall be maintained.
3.For the permanent connection to the power supply, 18AWG wire with U-terminal shall be used.

端子說明 Connection Diagram

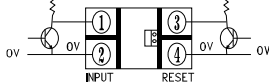
無電壓輸入型 CH-7N,TH-7Nx
Nonvoltage input type for CH-7N,TH-7Nx



電壓輸入型 CH-7P
Voltage input type for CH-7P

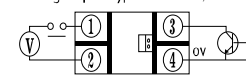


端子2和端子4內部共點
Terminals 2 and 4 are connected internally.



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高壓電輸入型 CH-7A,TH-7Ax
Hi-Voltage input type for CH-7A,TH-7Ax



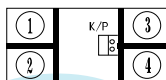
端子2和端子4隔離
Terminal 2 is isolated from terminal 4.

計數器復歸

為避免誤按面板"RS"鍵而使數值歸零，應將計數器後面的**K/P jumper**開啟則"**RS**"鍵失效。

Reset Counter

To prevent resetting the value from the reset button, just let the "**K/P**" **jumper** open at the rear of the counter. The function of resetting will be disable.



警告 WARNING

內部裝有鋰電池，勿投入火中，以免爆炸。

Do not dispose in fire, explosive hazard.

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