

# 交流電壓, 電流隔離傳送器

## ( AC CURRENT & VOLTAGE ISOLATED TRANSMITTER )

**MODEL TA**



### 特點(FEATURES)

精確度0.1%滿刻度(TRMS),0.25%滿刻度(RMS) (Accuracy 0.1%F.S.(TRMS),0.25%F.S.(RMS))  
 多種輸入輸出選擇(Wide selection of input/output range)  
 輸入與輸出絕緣耐壓 2仟伏特/1分鐘(Dielectric strength 2KVac/1 min.(input/output))  
 寬範圍交直流兩用電源設計(Wide input range for auxiliary power)  
 尺寸小,穩定性高(Dimension small and High stability)

### 1.MODEL:TA- (選購型號)

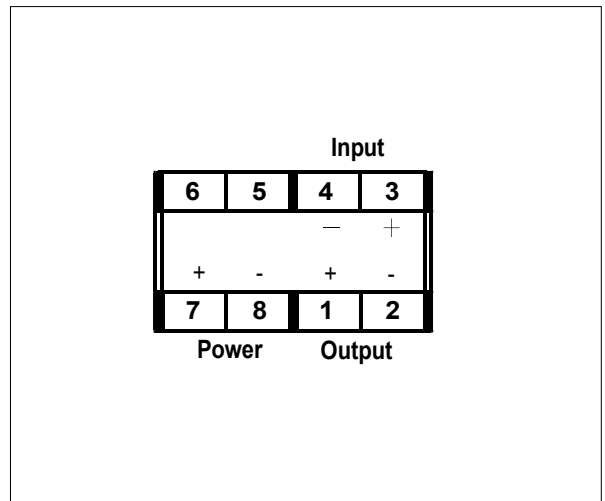
- CTB → CTB(diode block) is supplied to protect the current transformer form burning when the loop is open

| NO | Input Type     | NO | Input Range | NO | Input Range | NO | Output Range | NO | Output Range | NO                       | Aux. Power    |
|----|----------------|----|-------------|----|-------------|----|--------------|----|--------------|--------------------------|---------------|
| A  | Voltage (RMS)  | 1  | AC 0-36V    | 6  | AC 0-1A     | A  | DC 0-1V      | F  | DC 0-1mA     | A                        | AC/DC 18-60V  |
| B  | Voltage (TRMS) | 2  | AC 0-110V   | 7  | AC 0-5A     | B  | DC 0-5V      | G  | DC 0-10mA    | B                        | AC/DC 90-260V |
| C  | Current (RMS)  | 3  | AC 0-150V   | 8  | AC 0-10A    | C  | DC 1-5V      | H  | DC 0-20mA    | Less 3VA for AC/DC input |               |
| D  | Current (TRMS) | 4  | AC 0-220V   | 9  | SPECIFIED   | D  | DC 0-10V     | I  | DC 4-20mA    |                          |               |
|    |                | 5  | AC 0-300V   |    |             | E  | DC 2-10V     | R  | SPECIFIED    |                          |               |

### 2.SPECIFICATION (主要規格)

Measuring accuracy : 0.1% F.S. (TRMS)  
 (精確度) 0.25% F.S. (RMS)  
 Input burden : <0.2VA (ACV)  
 (輸入負載) <0.2VA (ACA)  
 Maximum input over : Current related input: 3 x rated continuous  
 (最大過載能力) 10 x rated 30 sec. , 25 x rated 3 sec. ,  
 50 x rated 1 sec.  
 Voltage related input: maximum 2 x rated continuous  
 Response time : <250ms (0-90%)  
 (輸出反應時間)  
 Output drive capability : <10mA for voltage mode  
 (輸出負載能力) <10V for current mode  
 Output ripple(p-p) : <0.1% F.S.  
 (輸出漣波)  
 Zero (offset) range : 0- ± 5% F.S.  
 (歸零調整範圍)  
 Span (scale) range : 0- ± 10% F.S.  
 (最大值調整範圍)  
 Temp. coefficient : 100ppm/ (0-50 )  
 (溫度係數)  
 Isolation : Input/Output/Power/Case  
 (隔離特性)  
 Insulation Resistance : >100Mohm with 500V DC  
 (絕緣阻抗)  
 Dielectric strength : 2KVac/1 min. (input/output/power)  
 (絕緣耐壓能力) 1600Vdc (input/output)  
 Operating condition : 0-50 (20 to 90% RH non-condensed)  
 (使用環境條件)  
 Storage condition : 0-70 (20 to 90% RH non-condensed)  
 (存放環境條件)  
 Construction : Socket/plugin type with barrier terminals  
 (安裝方式)

### 3.Terminal conection(接線圖)



### 4.Dimension(unit:mm)(外型尺寸)

