

# 交流電壓,電流隔離傳送器 ( AC CURRENT & VOLTAGE ISOLATED TRANSMITTER )

**MODEL  
PWRTA**



## 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 2千伏特/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:PWRTA- (選購型號)

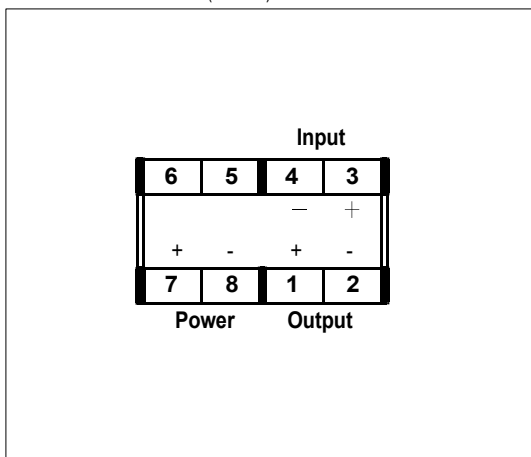
CTB (diode block) is supplied to protect the current transformer form burning when the loop is open

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 : >100M ohm 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)

