

AC CURRENT & VOLTAGE ISOLATED TRANSMITTER

MODEL
TA



(FEATURES)

- Accuracy 0.1% F.S. (TRMS), 0.25% F.S. (RMS)
- Wide selection of input/output range
- Dielectric strength 2KVac/1 min. (input/output)
- Wide input range for auxiliary power
- Dimension small and High stability

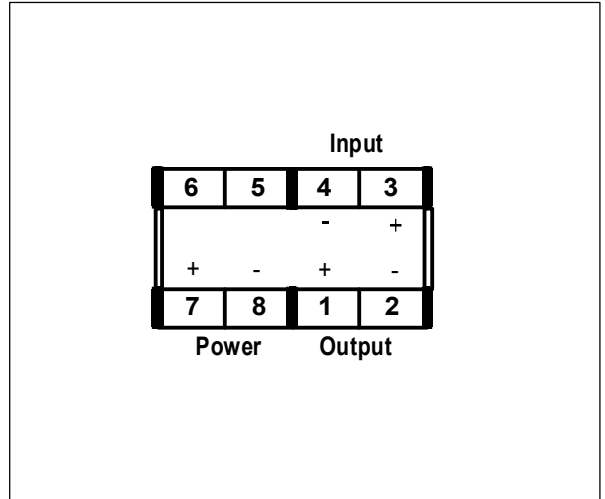
1. MODEL: TA-() () () () -CTB → CTB (diode block) is supplied to protect the current transformer from burning when the loop is open

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 0-50mV	F	DC 0-1mA	A	AC/DC 18-60V
B	Voltage (TRMS)	2	AC 0-110V	7	AC 0-5A	B	DC 0-1V	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

- # Measuring accuracy : 0.1% F.S. (TRMS)
0.25% F.S. (RMS)
- # Input burden : <0.2VA (ACV)
<0.2VA (ACA)
- # Maximum input over : Current related input: 3 x rated continuous
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%)
- # Output drive capability : <10mA for voltage mode
<10V for current mode
- # Output ripple (p-p) : <0.1% F.S.
- # Zero (offset) range : 0- +/-5% F.S.
- # Span (scale) range : 0- +/-10% F.S.
- # Temp. coefficient : 100ppm/°C (0-50°C)
- # Isolation : Input/Output/Power/Case
- # Insulation Resistance : >100Mohm with 500V DC
- # Dielectric strength : 2KVac/1 min. (input/output/power)
1600Vdc (input/output)
- # Operating condition : 0-50°C (20 to 90% RH non-condensed)
- # Storage condition : 0-70°C (20 to 90% RH non-condensed)
- # Construction : Socket/plugin type with barrier terminals

3. Terminal connection



4. Dimension (unit:mm)

