

SLIM TYPE AC CURRENT/VOLTAGE ISOLATED TRANSMITTER

MODEL
STA



FEATURES

- Accuracy 0.1%F.S.(TRMS),0.25%(RMS)
- Wide selection of input/output range
- Dielectric strength 1.5KVac/1 min.(input/output1/output2)
- Wide input range for auxiliary power
- Dimension small & High stability

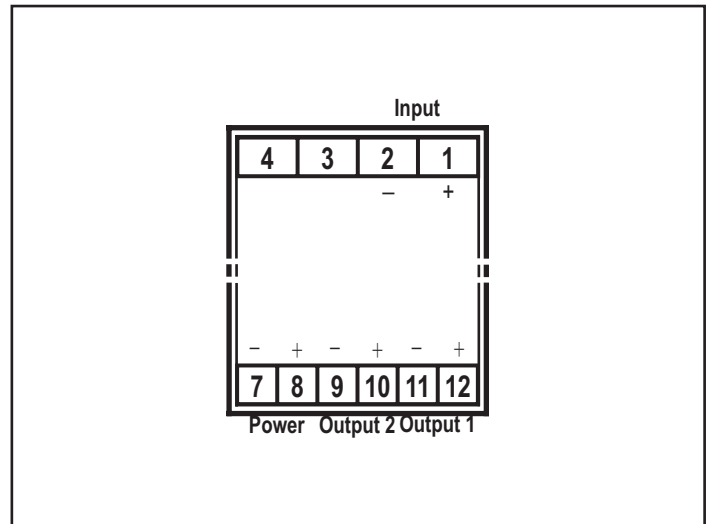
1.MODEL:STA-□ □ □ □

NO	Input Type	NO	Input Range	NO	Input Range	NO	Output 1 Range	NO	Output 2 Range	NO	Aux. Power
A	Voltage(RMS)	1	AC0~36V	6	AC0~1A	C	1~5V	N	None	A	AC/DC 18~60V
B	Voltage(TRMS)	2	AC0~110V	7	AC0~5A	D	0~10V	C	1~5V	B	AC/DC 90~260V
C	Current(RMS)	3	AC0~150V	9	SPECIFIED	F	0~1mA	D	0~10V		• Less 4VA for AC/DC input
D	Current(TRMS)	4	AC0~220V			I	4~20mA	I	4~20mA		
		5	AC0~300V			R	SPECIFIED	R	SPECIFIED		

2.SPICIFICATION

- Measuring accuracy : 0.1% F.S. (TRMS)
0.25% F.S. (RMS)
- Input burden : <0.2VA (ACV)
<0.25VA (ACA)
- Input frequency : AC40~70Hz
- Maximum input over : Current related input:3 x rated continuous
10 x rated 30 sec.,25 x rated 5 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/Output1/Output2/Power/Case
- Insulation Resistance : >100M ohm with 500V DC
- Dielectric strength : 1.5KVac/1 min. (input/Output1/Output2/power)
1200Vdc (input/Output1/Output2)
- Operating condition : 0~60°C (20 to 90% RH non-condensed)
- Storage condition : 0~70°C (20 to 90% RH non-condensed)
- Construction : 35mm DIN rail (EN50022)
- CE EMC Certification : EN 55022:1998/A1:2000 Class A
EN 61000-3-2:2000
EN 61000-3-3:1995/A1:2001
EN 55024:1998/A1:2001

3.TERMINAL CONNECTION



4.DIMENSION (unit:mm)

