



FEATURES

- Converting a potentiometer or slidewire position input to a DC output.
- Isolation: Input to output to power.
- DIN rail type.

ORDERING INFORMATION

MODEL: S4T-PT-1

Input Potentiometer

1: Total resistance 100Ω ~ 10KΩ

DC Output Range (Output Resistance)

- V2: 0 ~ 5V (≥ 1KΩ)
- V3: 1 ~ 5V (≥ 1KΩ)
- V4: 0 ~ 10V (≥ 1KΩ)
- A1: 0 ~ 1mA (0 ~ 10KΩ)
- A2: 0 ~ 10mA (0 ~ 1.5KΩ)
- A3: 0 ~ 20mA (0 ~ 750Ω)
- A4: 4 ~ 20mA (0 ~ 750Ω)
- 00: Option

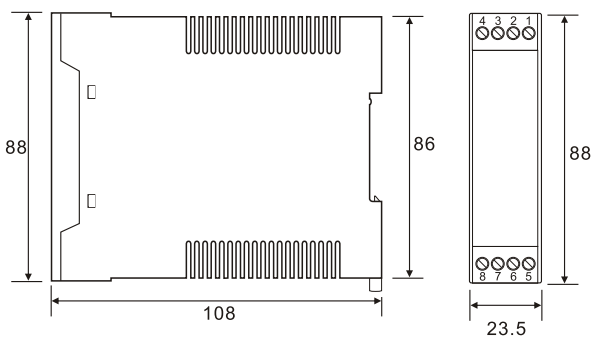
Power Supply

- A: AC / DC 90 ~ 260V
- B: DC 20 ~ 60V
- 0: Option

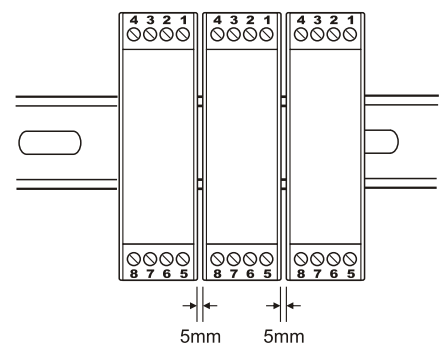
SPECIFICATION

Accuracy	± 0.1%RO.
Response time	≤ 400 msec. 0 ~ 99%
Output ripple	≤ 0.5% RO. (Peak)
Power supply	AC / DC 90V ~ 260V, 50/60Hz DC 20V ~ 60V
Power consumption	at 240V, ≤ AC 6VA, ≤ DC 5W 110V, ≤ AC 4VA, ≤ DC 3W
Temperature coefficient	≤ 0.015%/°C
Operating temperature	- 5 ~ 50°C
Storage temperature	-10 ~ 70°C
Max. relative humidity	0 ~ 90%
Isolation	Input/Output/Power
Dielectric strength	AC 1.8KV/min.
Insulation resistance	≥ 100MΩ, DC 500V
Electrostatic discharge	IEC 61000-4-2.
Electromagnetic fields immunity	IEC 61000-4-3.
Electrical transient in burst	IEC 61000-4-4.
Withstanding impulse voltage	IEC 61000-4-5.
Immunity to voltage dips	IEC 61000-4-11.
Weight	Abt.140g

THE OUTSIDE DIMENSION (UNIT: mm)



DEMAND FOR MOUNTING (UNIT: mm)



SCHEMATIC CIRCUITRY & CONNECTION DIAGRAM

