



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-□□□

Input Potentiometer

1: 0-100% Total resistance 100Ω ~ 10KΩ
0: Option

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

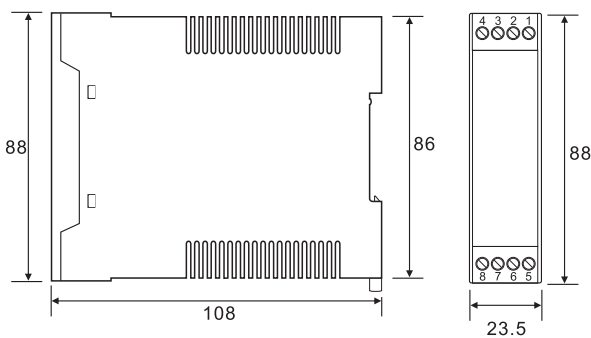
Power Supply

A: AC / DC 85 ~ 265V
B: DC 20 ~ 60V
0: Option

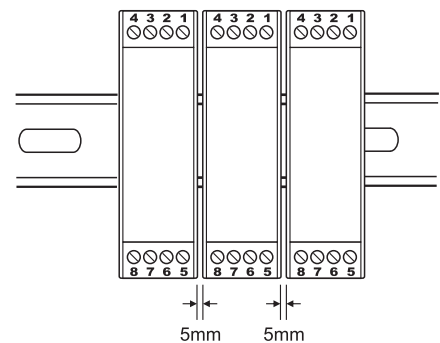
SPECIFICATION

| | |
|---------------------------------|---|
| Accuracy | ± 0.1%RO. |
| Response time | ≤ 400 msec. 0 ~ 99% |
| Output ripple | ≤ 0.5% RO. (Peak) |
| Power supply | AC / DC 85V ~ 265V DC 20V ~ 60V |
| Power consumption | at 240V ≤ AC 6VA ≤ DC 5W 110V ≤ AC 4VA ≤ DC 3W |
| Temperature coefficient | ≤ 150PPM/°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

