



FEATURES

- Converting a RTD input into a standard process signal.
- Automatically eliminated for wire Resistance (3 wires connection).
- Isolation: Input to output to power.
- DIN rail type.

ORDERING INFORMATION

MODEL: S4T-RR- [] [] [] []

Input RTD

P: Pt 100 0: Option

C: Cu 50

Input Temperature Range

- | | |
|-----------------|--------------|
| A: -100 ~ 100°C | E: 0 ~ 50°C |
| B: -50 ~ 50°C | F: 0 ~ 100°C |
| C: -50 ~ 100°C | G: 0 ~ 200°C |
| D: -50 ~ 200°C | H: 0 ~ 400°C |
| 0: Option | |

DC Output Range (Output Resistance)

- | | |
|--------------|----------------------|
| V2: 0 ~ 5V | ($\geq 1K\Omega$) |
| V3: 1 ~ 5V | ($\geq 1K\Omega$) |
| V4: 0 ~ 10V | ($\geq 1K\Omega$) |
| A1: 0 ~ 1mA | (0 ~ 10K Ω) |
| A2: 0 ~ 10mA | (0 ~ 1.5K Ω) |
| A3: 0 ~ 20mA | (0 ~ 750 Ω) |
| A4: 4 ~ 20mA | (0 ~ 750 Ω) |
| 00: Option | |

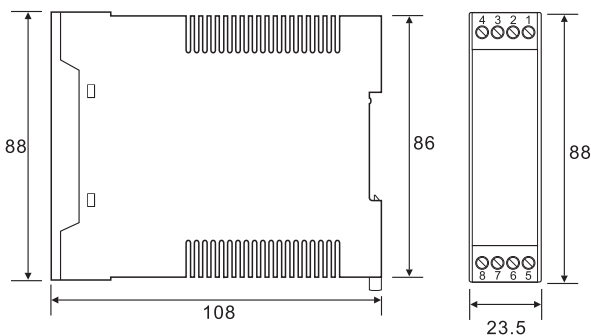
Power Supply

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

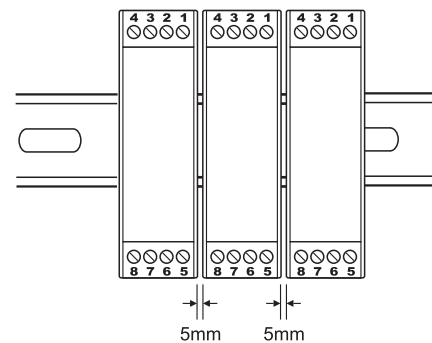
SPECIFICATION

- Accuracy $\pm 0.1\%RO$.
- Response time $\leq 400\text{msec. } 0 \sim 99\%$
- Output ripple $\leq 0.5\% RO$. (Peak)
- Power supply AC / DC 90V ~ 260V, 50/60Hz
DC 20V ~ 60V
- Power consumption at 240V, $\leq AC 6.5VA$, $\leq DC 5W$
110V, $\leq AC 4.5VA$, $\leq DC 4W$
- Temperature coefficient $\leq 0.015\%/^{\circ}C$
- Operating temperature - 5 ~ 50°C
- Storage temperature -10 ~ 30°C
- Max. relative humidity 0 ~ 90%
- Isolation Input/Output/Power
- Dielectric strength AC 1.8KV/min.
- Insulation resistance $\geq 100M\Omega$, 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

