



## FEATURES

- Converting a DC input into a standard process signal.
- Wide input and output range selection.
- Isolation: Input to output to power.
- DIN rail type.

## ORDERING INFORMATION

MODEL: S4T-DT-

### DC Input Range (Input Resistance)

- V1: 0 ~ 50mV\* ( $\cong 200K\Omega$ )
- V2: 0 ~ 5V ( $\cong 1M\Omega$ )
- V3: 1 ~ 5V ( $\cong 1M\Omega$ )
- V4: 0 ~ 10V ( $\cong 1M\Omega$ )
- A1: 0 ~ 1mA ( $\cong 1K\Omega$ )
- A3: 0 ~ 20mA ( $\cong 50\Omega$ )
- A4: 4 ~ 20mA ( $\cong 50\Omega$ )

00: Option

\*0 ~ 75mV is available

### DC Output Range (Output Resistance)

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

00: Option

### Power Supply

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

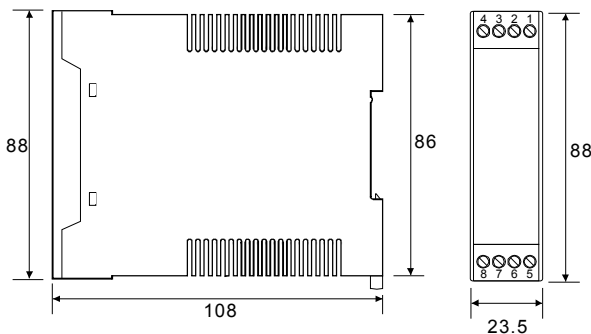
0: Option

## SPECIFICATION

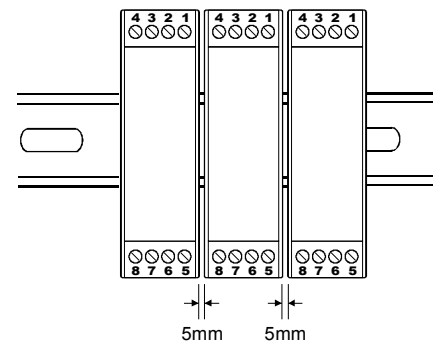
Accuracy	.....	$\pm 0.1\%RO$ .
Response time	.....	$\cong 400msec$ . 0 ~ 99%
	(Option)	$\cong 50 msec$ . 0 ~ 99%*
Output ripple	.....	$\cong 0.5\% RO$ . (Peak)
Power supply	.....	AC / DC 90 ~ 260V
		DC 20 ~ 60V
Power consumption	.....	at 240V $\cong AC 6VA \cong DC 5W$
		110V $\cong AC 4VA \cong DC 3W$
Temperature coefficient	.....	$\cong 150PPM/^{\circ}C$
Operating temperature	.....	-5 ~ 50 $^{\circ}C$
Storage temperature	.....	-10 ~ 70 $^{\circ}C$
Max. Relative humidity	.....	90%
Isolation	.....	Input/Output/Power
Dielectric strength	.....	AC 1.8KV/min.
Insulation resistance	.....	$\cong 100M\Omega$ , 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. 120g

\*High response time, output ripple be according to input ripple.

## THE OUTSIDE DIMENSION (UNIT: mm)



## DEMAND FOR MOUNTING (UNIT: mm)



## SCHEMATIC CIRCUITRY & CONNECTION DIAGRAM

