



## FEATURES

- Powering a 4 ~ 20mA DC current loop.
- Output voltage: DC 24V.
- Isolation: Input to output to power.
- DIN rail type.

## ORDERING INFORMATION

**MODEL: S4T-DW-A4**

### DC Input Range (Input Resistance)

A4: 4 ~ 20mA ( $\leq 50\Omega$ )

### 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 $\Omega$ )
- A2: 0 ~ 10mA (0~1.5K $\Omega$ )
- A3: 0 ~ 20mA (0~750 $\Omega$ )
- A4: 4 ~ 20mA (0~750 $\Omega$ )
- 00: Option

### Power Supply

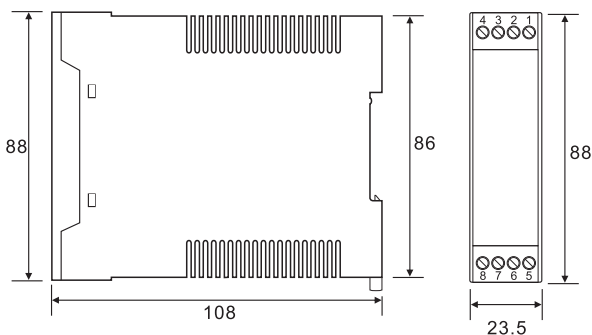
- A: AC / DC 85 ~ 265V
- B: DC 20 ~ 60V
- 0: Option

## SPECIFICATION

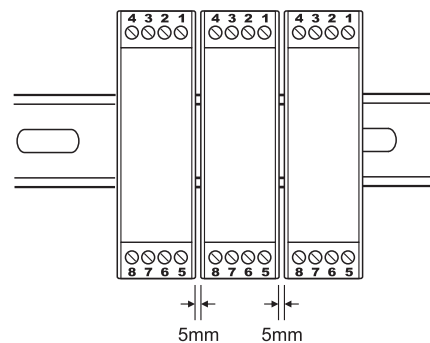
Accuracy .....	$\pm 0.1\%RO.$
Response time .....	$\leq 400msec. 0 \sim 99\%$ (Option) $\leq 50 msec. 0 \sim 99\%*$
Output ripple .....	$\leq 0.5\% RO. (Peak)$
Power supply .....	AC / DC 85 ~ 265V DC 20 ~ 60V
Power consumption .....	at 240V $\leq AC 7.5VA \leq DC 6W$ 110V $\leq AC 4VA \leq DC 4W$
Supply output .....	DC 24V $\pm 15\%$ , Max. 30mA
Temperature coefficient .....	$\leq 150PPM/^{\circ}C$
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 .....	$\geq 100M\Omega, DC 500V$
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.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

