



## 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 90 ~ 260V

B: DC 20 ~ 60V

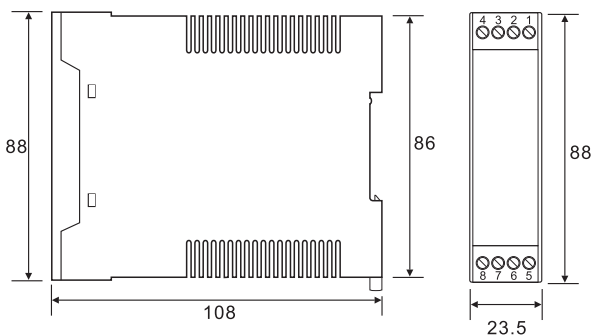
0: Option

## SPECIFICATION

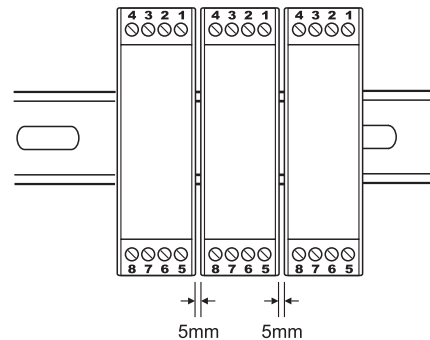
|                                       |   |
|---------------------------------------|---|
| Accuracy .....                        | $\pm 0.1\%RO$ .                         |
| Response time .....                   | $\leq 400msec$ . 0 ~ 99%                |
|                                       | (Option) $\leq 50 msec$ . 0 ~ 99%*      |
| Output ripple .....                   | $\leq 0.5\% RO$ . (Peak)                |
| Power supply .....                    | AC / DC 90 ~ 260V, 50/60Hz              |
|                                       | 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 $\pm 10\%$ , Max. 30mA           |
| Temperature coefficient .....         | $\leq 0.015\%/^{\circ}C$                |
| 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

