



## FEATURES

- Converting a DC input into a standard process signal.
- Two isolated output.
- 4 way isolated.
- DIN rail type.



## ORDERING INFORMATION

**MODEL:XC-DTD-**

### 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 - 1 (Output Resistance)

- V2: 0 ~ 5V ( $\cong 1K\Omega$ )    A1: 0 ~ 1mA (0~10K $\Omega$ )
- V3: 1 ~ 5V ( $\cong 1K\Omega$ )    A2: 0 ~ 10mA (0~1K $\Omega$ )
- V4: 0 ~ 10V ( $\cong 1K\Omega$ )    A3: 0 ~ 20mA (0~500 $\Omega$ )
- 00: Option                    A4: 4 ~ 20mA (0~500 $\Omega$ )

### DC Output Range - 2 (Output Resistance)

- V2: 0 ~ 5V ( $\cong 1K\Omega$ )    A1: 0 ~ 1mA (0~10K $\Omega$ )
- V3: 1 ~ 5V ( $\cong 1K\Omega$ )    A2: 0 ~ 10mA (0~700 $\Omega$ )
- V4: 0 ~ 10V ( $\cong 1K\Omega$ )    A3: 0 ~ 20mA (0~350 $\Omega$ )
- 00: Option                    A4: 4 ~ 20mA (0~350 $\Omega$ )

### Power Supply

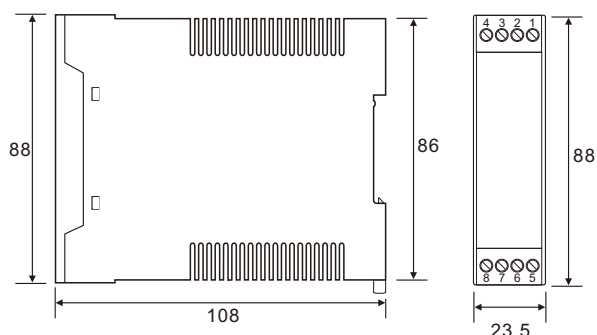
A: AC / DC 90 ~ 260V    B: DC 20 ~ 60V

0: Option

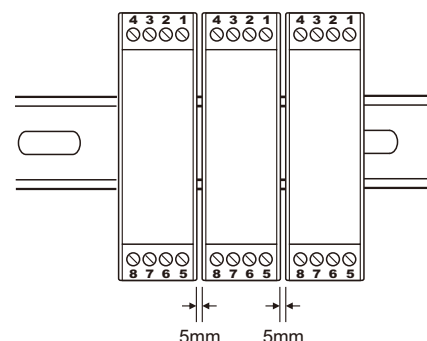
## SPECIFICATION

Accuracy	.....	$\pm 0.1\%RO.$
Response time	.....	$\leq 400msec.$ 0 ~ 99%
Output ripple	.....	$\leq 0.5\% RO.$ (Peak)
Power supply	.....	AC / DC 90 ~ 260V DC 20 ~ 60V
Power consumption	.....	at 240V $\leq AC 7.5VA \leq DC 6W$ 110V $\leq AC 4VA \leq DC 4W$
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. Output 1/Output 2 AC 1.0KV/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

