



FEATURES

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

ORDERING INFORMATION

MODEL:XC-DW-A4

DC Input Range (Input Resistance)

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

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 Ω)
- A2: 0 ~ 10mA (0~1.5K Ω)
- A3: 0 ~ 20mA (0~750 Ω)
- A4: 4 ~ 20mA (0~750 Ω)
- 00: Option

Power Supply

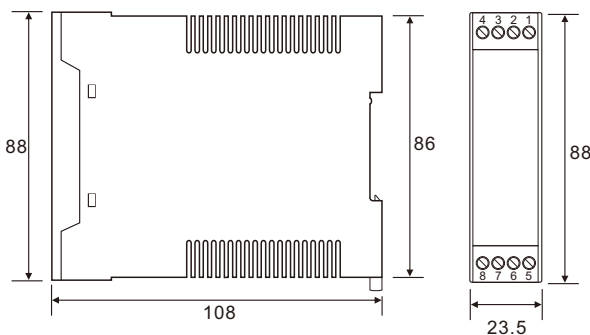
- A: AC / DC 90 ~ 260V
- B: DC 20 ~ 60V
- 0: Option

SPECIFICATION

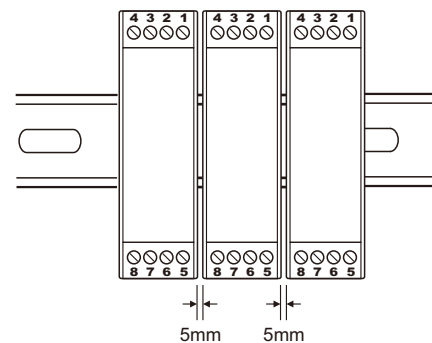
Accuracy	$\pm 0.1\%RO.$
Response time	$\leq 400msec. 0 \sim 99\%$ (Option) $\leq 50 msec. 0 \sim 99\%*$
Output ripple	$\leq 0.5\% RO. (Peak)$
Power supply	AC / DC 90 ~ 260V DC 20 ~ 60V
Power consumption	at 240V $\leq AC 7.5VA \leq DC 6W$ 110V $\leq AC 4VA \leq DC 4W$
Supply output	DC 24V $\pm 15\%$, 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

