



FEATURES

- Converting a RTD input into a standard process signal.
- Automatically eliminated for wire Resistance (3 wires connection).
- Isolation: Input to output to power.
- DIN rail type.

ORDERING INFORMATION

MODEL:XC-RR-

Input RTD

P: Pt 100 0: Option
 C: Cu 50

Input Temperature Range

A: -100 ~ 100 °C E: 0 ~ 50 °C
 B: -50 ~ 50 °C F: 0 ~ 100 °C
 C: -50 ~ 100 °C G: 0 ~ 200 °C
 D: -50 ~ 200 °C H: 0 ~ 400 °C
 0: Option

DC Output Range (Output Resistance)

V2: 0 ~ 5V (≧ 1KΩ)
 V3: 1 ~ 5V (≧ 1KΩ)
 V4: 0 ~ 10V (≧ 1KΩ)
 A1: 0 ~ 1mA (0~10KΩ)
 A2: 0 ~ 10mA (0~1.5KΩ)
 A3: 0 ~ 20mA (0~750Ω)
 A4: 4 ~ 20mA (0~750Ω)
 00: Option

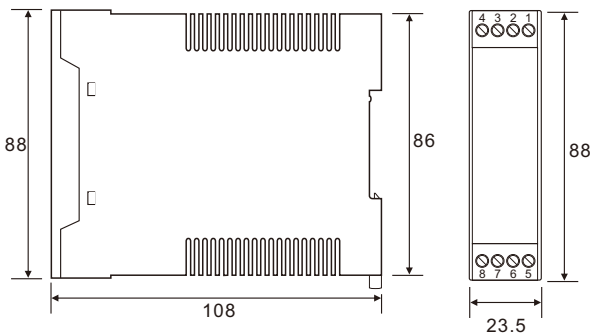
Power Supply

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

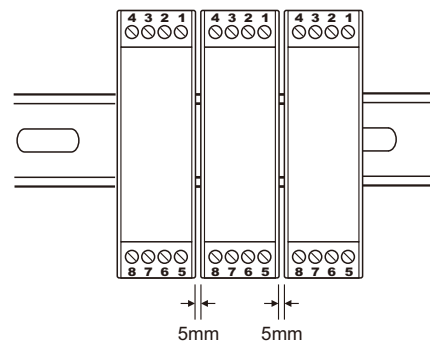
SPECIFICATION

Accuracy	± 0.15%RO.
Response time	≤ 400msec. 0 ~ 99%
Output ripple	≤ 0.5% RO. (Peak)
Power supply	AC / DC 90V ~ 260V DC 20V ~ 60V
Power consumption	at 240V ≤ AC 6.5VA ≤ DC 5W 110V ≤ AC 4.5VA < DC 4W
Temperature coefficient	≤ 0.015%/°C
Operating temperature	- 5 ~ 50°C
Storage temperature	-10 ~ 30°C
Max. relative humidity	0 ~ 90%
Isolation	Input/Output/Power
Dielectric strength	AC 1.8KV/min.
Insulation resistance	≥ 100MΩ, 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

