



FEATURES

- Converting a potentiometer or slidewire position input to a DC output.
- Isolation: Input to output to power.
- DIN rail type.

ORDERING INFORMATION

MODEL:XC-PT-□□□

Input Potentiometer

1: 0-100% Total resistance 100Ω ~ 10KΩ
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

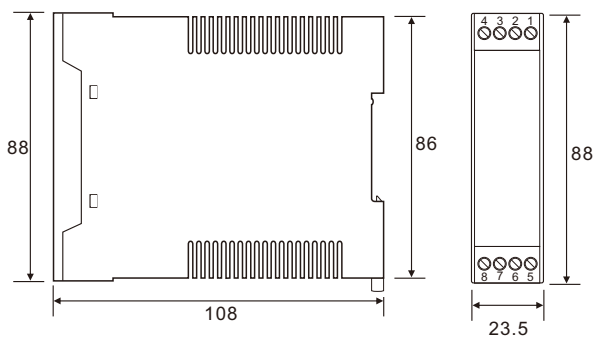
Power Supply

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

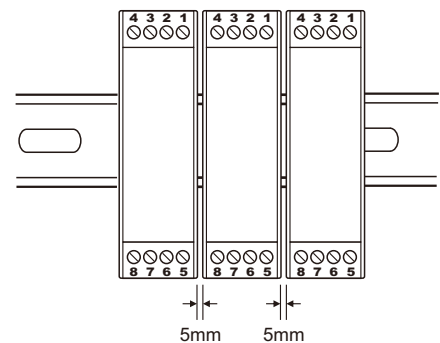
SPECIFICATION

Accuracy ± 0.1%RO.
Response time ≤ 400 msec. 0 ~ 99%
Output ripple ≤ 0.5% RO. (Peak)
Power supply AC / DC 90V ~ 260V
DC 20V ~ 60V
Power consumption at 240V ≤ AC 6VA ≤ DC 5W
110V ≤ AC 4VA ≤ DC 3W
Temperature coefficient ≤ 0.015%/°C
Operating temperature - 5 ~ 50°C
Storage temperature -10 ~ 70°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

