

Slim Type Power Distributed Isolator

MTSC-IPT

The Model MTSC-IPT supplies power to 2-wire single loop systems in functioning at the same time as a isolator.

♣ Performance

- Accuracy : $\pm 0.2\%$ of Full Scale
- Temp. Coefficient : $\pm 0.015\%$ / $^{\circ}\text{C}$
- Response Time : 0.5Sec or less(0~90%), Normal
- Insulation Resistance : 100M Ω or more
with 500V DC (Input to Output to Power)
- Dielectric Strength : 1,500V AC 0.5mA/Min.
(Input to Output to Power)



♣ General Specifications

- Housing Material : Plastic ABS(Resin), Grey
- Isolation : Input to Output to Power
- Easy Calibration of the Zero and Span (Max. $\pm 20\%$ of Full Scale)
- 3-Way Isolation for using on input and output of the PLC

♣ Installation

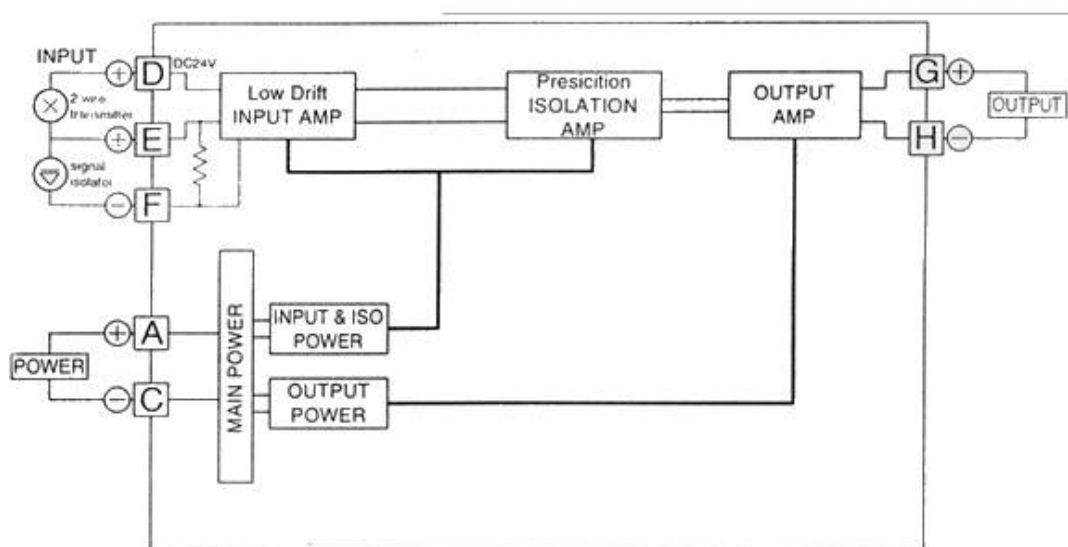
- Power Supply : DC 24V / 150mA
- Operating Temperature : 0 ~ 50 $^{\circ}\text{C}$ (Storage : -20 ~ 80 $^{\circ}\text{C}$)
- Operating Humidity : 90% RH Max. (Non-Condensing)
- Mounting : Rail Mounting (Terminal wiring)
- Dimension : 22.5(W) X 102(H) X 75(D) (Unit : mm)
- Weight : about 120g

♣ Ordering Information

Specify Code number and Variables.

- Code No. : MTSC-IPT-Input/Output-Power (Ex : MTSC-IPT-11-Y)
- Specify Output Range (Ex : 0~5V)

♣ Schematic Diagram



♣ Model & Suffix Code

MTSC-IPT-□□-□

Input Type & Range Selection

- 1 : 2-Wire Current loop with 24V Power Supply
- 2 : Other Special Spec.

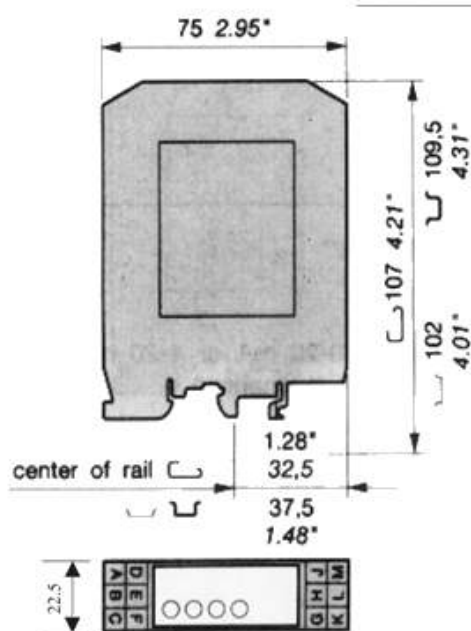
Output Type & Range Selection

- 1 : DC 0~5V (Resistance 2K Ω or more)
- 2 : DC 1~5V (Resistance 2K Ω or more)
- 3 : DC 0~20mA (Resistance 0~750 Ω)
- 4 : DC 4~20mA (Resistance 0~750 Ω)
- 5 : Other Special Spec.

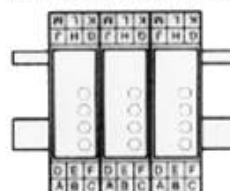
Power Supply

- Y : DC 24V/150mADC
- Z : AC 90~250V(50/60Hz) Option

♣ Dimension



INSTALLATION
Horizontal
mounting
advised



No vertical mounting

