

Isolated DC Signal Alarm Setter

MT-DAS

The Model MT-DAS accepts a DC analog inputs and outputs maximum 4 alarms.

♣ 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)
- Display Range : -99 to 999 (Available Decimal Point)
- Unit : %, V, A, mV, mA, $^{\circ}\text{C}$, etc.
- Dead Band : $\pm 1\%$ of Full Scale

♣ General Specifications

- Housing Material : Plastic ABS(Resin), Black
- Isolation : Input to Output to Power
- Adjustment : Zero & Span $\pm 20\%$ of Full Scale (Separated)
Selectable H/L 2Points, H/L 4Points, High 4Points, Low 4Points setting
- Display : 3 Digits (available Decimal Point)

♣ Installation

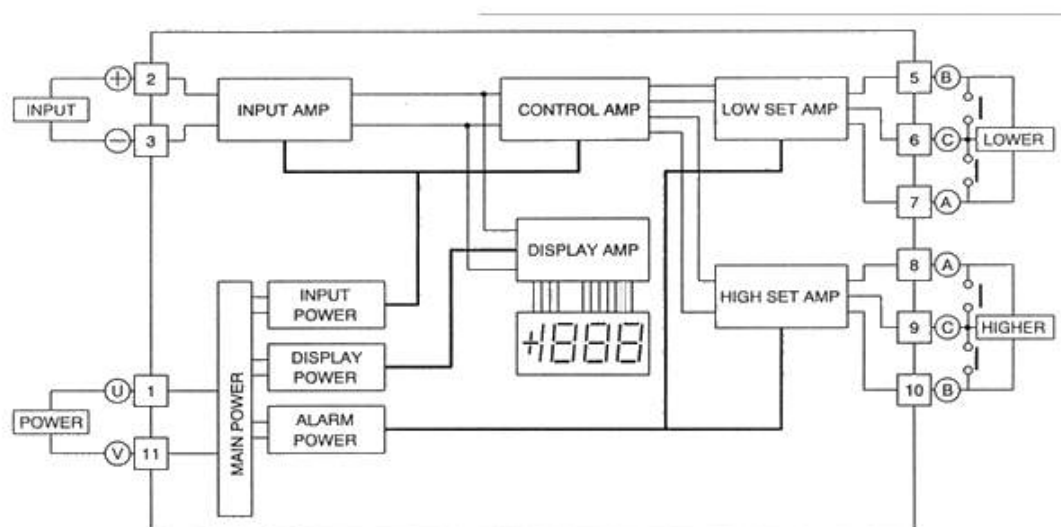
- Power Supply : AC 110V or 220V/60Hz(3VA), DC 18~30V (about 3Watts)
- Operating Temperature : 0~50 $^{\circ}\text{C}$
- Operating Humidity : 90% RH Max. (Non-Condensing)
- Mounting : Wall or Rail Mounting (Plug-in type), Rack Mounting
- Dimension : 51(W) X 83(H) X 102(D) (Unit : mm)
- Weight : about 400g

♣ Ordering Information

Specify Code number and Variables

- Code No. : MT-DAS-Model/Input/Output-Power (Ex : MT-DAS-432-X)
- Specify Input Range (Ex : 0~100mV)
- Specify Output Type (Ex : Open Collector)

♣ Schematic Diagram



♣ Model & Suffix Code

MT-DAS-□□□-□

Model Type Selection

- | | |
|---------------|---------------|
| 1 : 1 Output | 2 : 2 Outputs |
| 3 : 4 Outputs | 4 : 4 Outputs |

Input Range Selection

- 1 : 0 ~ 1mA DC
 2 : 0 ~ 20mA DC
 3 : 1 ~ 5mA DC
 4 : 4 ~ 20mA DC
 5 : 0 ~ 1V DC
 6 : 0 ~ 5V DC
 7 : 1 ~ 5V DC
 8 : 0 ~ 10V DC
 9 : Other Special Spec.

Output Type & Contact Selection

- 1 : STDT 1 Point (High or Low)
 2 : STDT 2 Points (H/L or High 2 Points or Low 2 Points)
 3 : SPST 3 Points (High & Low & H.High or L.Low)
 4 : SPST 4 Points (H/L 4Points or High 4 Points or Low 4 Points)
 5 : Other Special Spec.

Power Supply

- W : AC 200~230V for 60Hz
 X : AC 100~120V for 60Hz
 Y : DC 18~30V
 Z : Other Special Spec.

♣ Dimension

