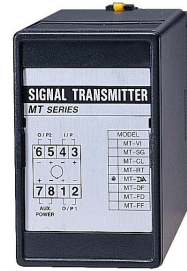


MT-DA ALARM SETTER

FEATURE

- 5 Popular Input Ranges Programmable in One
- Modular Design, Easy Maintain and Save Stock;
- Changeable Input Module Between V/mA, Pt100, Potentiometer, Strain Gauge and Output Module Between V/mA, Trip Relay with difference programming module
- Dual trip relay output available
- CE Approved



SPECIFICATION

Input Range	Input Impedance	Input Range	Input Impedance
0 ~ 10 mV	≥ 1M ohm	0 ~ 100 μA	≤ 1000 ohm
0 ~ 50 mV	≥ 1M ohm	0 ~ 1 mA	≤ 100 ohm
0 ~ 100 mV	≥ 1M ohm	0 ~ 10 mA	≤ 20 ohm
0 ~ 1 V	≥ 1M ohm	0 ~ 20 mA	≤ 10 ohm
0 ~ 5 V	≥ 1M ohm	4 ~ 20 mA	≤ 10 ohm
0 ~ 10 V	≥ 1M ohm	0 ~ 1 A	0.05 ohm
1 ~ 5 V	≥ 1M ohm	0 ~ 5 A	0.02 ohm
2 ~ 10 V	≥ 1M ohm		
-10 ~ 0 ~ +10 V	≥ 1M ohm		
0 ~ 150 V	≥ 1M ohm		
0 ~ 300 V	≥ 1M ohm		
0 ~ 600 V	≥ 1M ohm		

Response time: ≤ 250 msec.

Setpoint adjustment: 10 position rotary switch
Setting Range: 00% ~ 99% rated of input
±0.1% + 1%(Hi trip) or ±0.1% -1%(Low trip)
Preset at 1%, 1 ~ 10%(specify)

Trip point:

Differential:

Trip indication LED: Red light turn on when the coil is energized

Relay contacts: AC 110V/1A, 220V/0.5A
DC 30V/1A
Normal open standard

Power Supply: AC 115 or 230V ±10%, 50/60 Hz
Changeable by jumper inside
Option: DC 12V, 24V, 48V ±10%, (Isolated)

Power consumption: DC 5W, AC 6.5VA

Operating temperature: 0~60 °C

Operating relative humidity: 20~95 %RH

Temperature coefficient: ≤ 100 PPM/°C

Storage temperature: -10~70 °C

Isolation: Between Power / Input / Contacts

Insulation resistance: ≥ 100M ohm at 500Vdc

Surge test: 4 KV, 1.2 x 50 μs sec.
Common mode & differential mode

Dielectric Strength: AC 2.0 KV for 1 min
Between Power / Input / Contacts / Case

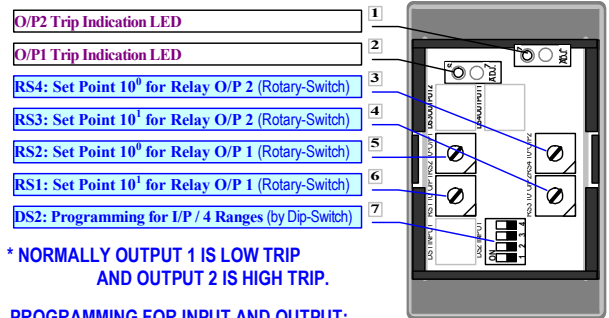
Standard: Comply with EN50081-1, EN50082-2

Dimensions: 50mm(W) x 87mm(H) x 123mm(D)-with socket

Mounting: Surface and DIN rail 35mm WIDE

Weight: 500g

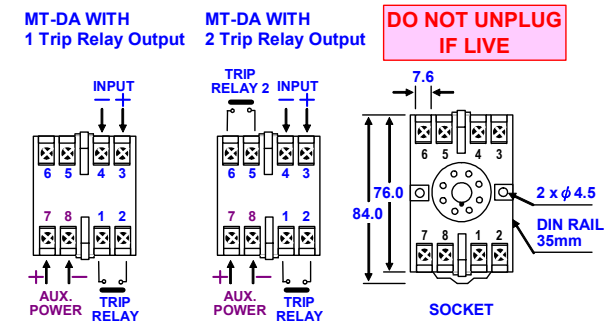
ADJUSTMENT



PROGRAMMING FOR INPUT AND OUTPUT:

SIGNAL RANGE	INPUT		TRIP RELAY 1		TRIP RELAY 2		
	DS1	DS2(7)	SET	RS1(6)	RS2(5)	SET RS3(4) RS4(3)	
1 ~ 5 V	NA		49%			99%	
0 ~ 10V	NA		25%			85%	
0 ~ 20 mA	NA		10%			70%	
4 ~ 20 mA	NA		0%			62%	

CONNECTION DIAGRAM & SOCKET



ORDERING INFORMATION

