AC LIMIT ALARM

AT-740- ALM - AC / AE

Model： AT-740-ALM- □□ - □□ - □

AC	Average with RMS Calibration
AE	True RMS

	AC Input	I/P Impedance
1	AC 0 - 110 V	110 KΩ
2	AC 0 - 150 V	150 KΩ
3	AC 0 - 220 V	220 KΩ
4	AC 0 - 250 V	250 KΩ
A	AC 0 - 1 A	< 0.5 VA
B	AC 0 - 5 A	
S	Specified	

	Alarm Type	Relay Output
1	1 Setpoint	Hi-ALM O/P: OFF / ON Lo-ALM O/P: ON / OFF Setpoint: Low — Setpoint — High
2	2 Setpoint (HL) No.1 Hi Alarm No.2 Lo Alarm	No.1 ALM: OFF / ON No.2 ALM: ON / OFF Setpoint #2 (△) Setpoint #1 Low → High
3	2 Setpoint (HH) No.1 Hi Alarm No.2 Hi Alarm	No.1 ALM: OFF / ON No.2 ALM: OFF / ON Setpoint #2 (△) Setpoint #1 Low → High
4	2 Setpoint (LL) No.1 Lo Alarm No.2 Lo Alarm	No.1 ALM: ON / OFF No.2 ALM: ON / OFF Setpiont #2 (△) Setpoint #1 Low → High

Power Supply

1	AC 110V ± 10% 50 / 60 Hz
2	AC 220V ± 10% 50 / 60 Hz
3	DC 24V ± 10%
4	AC 24V ± 10% 50 / 60 Hz
S	Specified

Description：

- Model □A□ is Average Sensing with RMS Calibration and used for Sinusoidal Waveform only.
- Model □E□ is True RMS and used for any Waveform.

W 50 × H 84 × D 130 mm

Features：

- 2-Digit Rotary Switch for Each Alarm Setting
- Independent High or Low Alarm Setting
- SPDT NC & NO Relay Contact Output and LED Indication
- Plug-in Socket Structure and DIN Rail Mounting

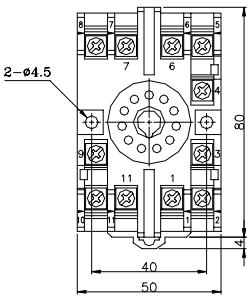
Application：

- High or Low Alarm for AC Voltage or Current

Specifications：

- Setpoint Accuracy : ±0.5% FS.
- Setpoint Range : 0 - 99% FS. by 1% step
- Hysteresis（Dead Band） : 1.0 - 2.5% FS.
- Relay Contact Rating : SPDT
  AC 120V · 1A (COS θ = 1) , DC 30V · 2A
- Alarm Indicator : Red LED
- Response Time : 100 ms
- Temp. Coefficient : ±0.015% FS / ℃
- Operating Temp. : -5 ~ +55 ℃
- Operating Humidity : 0 - 90% RH
- Insulation Resistance :
  ≧ 100 MΩ with 500 VDC
  (Input / Output / Power)
- Dielectric Strength :
  AC 1500 V , 1 min. (Input / Output / Power)
- Case Material : Case is ABS , Base is Bakelite
- Power Consumption : 4 VA

Socket and Terminal：



5	+	IN	AC Input
6	−		
4			
1	No.1 ALM	NO	No.1 Alarm Output
2		C	
3		NC	
9	No.2 ALM	NO	No.2 Alarm Output
10		C	
11		NC	
7	U(+)	PWR	Power
8	V(−)		