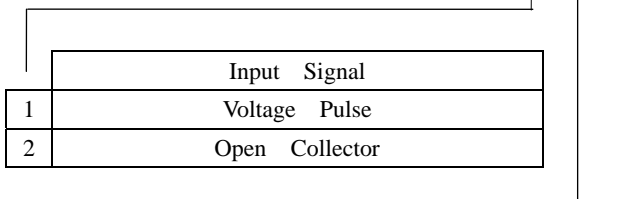


FREQUENCY LIMIT ALARM

AT-740- ALM - F

Model : AT-740-ALM- F - -



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

Input Signals :

- ◆ Voltage Pulse : 200 mV - 20 V (P-P)
- ◆ Open collector : OFF 8 V , ON 0.2 V
Pulse Width (Duty Ratio) : 25 - 75 %



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

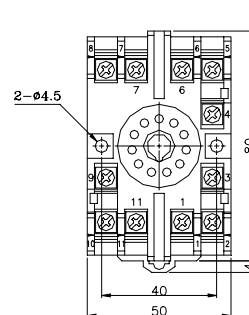
Application :

- ◆ High or Low Alarm for Speed or Flow Signals

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 / °C
- ◆ Operating Temp. : -5 ~ +55 °C
- ◆ 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	Sensor 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(-)		