

SHICO. HIGH/LOW ALARM SETTER

MODEL : SAS Series

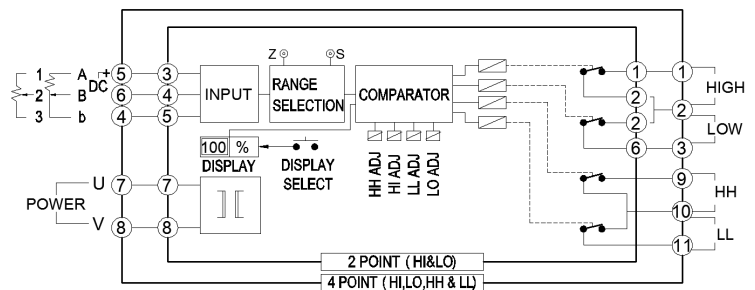
The high/low alarm setter model SAS accepts two DC inputs and outputs the higher or lower value.

■ SPECIFICATION

ITEM	SPECIFICATIONS
Input	DC voltage signal RTD DC current signal
Output	Open collector, Relay
Setting Accuracy	±0.2% of F.S
Linearity	±0.2% of F.S
Repeatability	±0.1% of F.S
Response Time	Less than 0.5sec(0~90%)
Insulation Resistance	Greater than 100MΩ (DC500V)
Dielectric Strength	Input-Power AC1000V Input-Output AC1000V (1min) Input-GND AC1000V
Ambient Temperature	-5 ~ +60 °C
Humidity	Less than 90% RH



■ BLOCK DIAGRAM & CONNECTIONS



■ GENERAL SPECIFICATIONS

- Construction : Plug-In
- Housing Material : ABS plastic(Black)
- Adjustments : Zero and Span ±5%

■ INSTALLATION

- DC : 24V ±10%, 200mA(Ripple 10% p-p max)
- AC : Rating (100 ~ 240V) ±10%, 50/60Hz 4VA
- Mounting : DIN rail

■ INPUT SIGNAL SPECIFICATIONS

- Input voltage signal : -300~300V DC
- Input current signal : 50mA max
- RTD range : -200~500 °C
- Setting : 0~99%

■ OUTPUT SIGNAL SPECIFICATIONS

- Open collector : 50V DC 100mA
- Relay contact : 120V AC 1A
240V AC 0.5A 30V DC 1A

■ OUPUT OPERATION

RTD, mA, V	Alarm contact	
Input Signal	'L' Contact	'H' Contact
L > Input < H	On	Off
L < Input < H	Off	Off
L < Input > H	Off	On
L > Input > H	On	On



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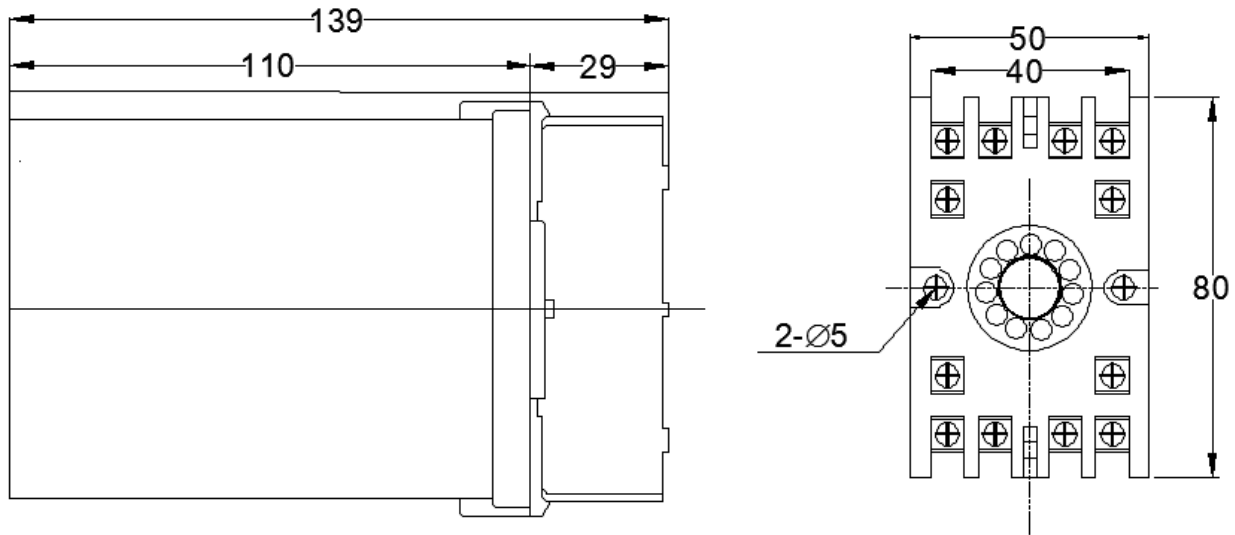
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■ DIMENSION



■ ORDERING INFORMATION

CODE	INPUT SIGNAL
1	RTD
2	0 ~ 100mV
3	0 ~ 1V
4	0 ~ 5V
5	0 ~ 10V
6	1 ~ 5V
A	4 ~ 20mA
B	2 ~ 10mA
C	1 ~ 5mA
D	0 ~ 20mA
E	0 ~ 10mA
F	0 ~ 1mA
O	Other voltage or current

CODE	OUTPUT SIGNAL
1	Open collector
2	Relay contact

CODE	POWER SUPPLY
1	AC 110V
2	AC 220V
3	DC 24V(Optional)

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