

General Specifications

DC SIGNAL ALARM SETTER



This is a high accurate converter which occurs 2 points alarm to relay output by setting high-limit value & low-limit value as receiving DC voltage and current transmitted from field instrument, regulator, etc into input. It can be used for effective interlock depending on process conditions and especially power adopt free voltage, so get rid of inconvenience following power change.

SPECIFICATIONS

ITEMS	DESCRIPTIONS
INPUT	DC signal (Current input to be combined through the application of precise resistor shunt)
OUTPUT	Relay contact
OUTPUT RATING	AC 120V 1A, AC 240V 0.5A, DC 30V 1A
ACCURACY	¼ 1% Max.
TEMP. COEFFICIENT	¼ 0.02% / °F
SETTING	Therm-Wheel Switch
SETTING RANGE	0~99%
HYSTERESIS	0.5~1.0%
INSULATION RESISTANCE	Greater than 100MΩ at DC 500V
DIELECTRIC-STRENGTH	Input-Power AC1,500V
	Input-Output AC1,500V 1 minute
POWER SUPPLY	AC Driven AC 85~264V 50~60Hz 7VA
	DC Driven DC24V ¼ 10% 100mA
AMBIENT-TEMP	-5~+55°C (20~130°F)
HUMIDITY	Less than 90% RH (no condensation)
LINEARIZER	Standard function
CASE MATERIAL	ABS
COLOR	MUNSELL No. 7.5YR 5/2
WEIGHT	About 500g
DIMENSION	W50 x H80 x D132mm
MOUNTING	WALL or DIN Rail
OUTPUT	
LOAD RESISTANCE	Refer to Attached Technical Sheet.

ORDERING CODE

MODEL : D A D S -

INPUT SIGNAL

- | | |
|--------------|-------------|
| 1 DC 0~10mV | A DC 0~1mA |
| 2 DC 0~100mV | B DC 0~10mA |
| 3 DC 0~1V | C DC 0~16mA |
| 4 DC 0~10V | D DC 0~20mA |
| 5 DC 0~5V | E DC 1~5mA |
| 6 DC 1~5V | F DC 2~10mA |
| | G DC 4~20mA |
| | H Other |

OUTPUT

- 1 HH-H 2 H-L 3 L-LL

POWER SUPPLY

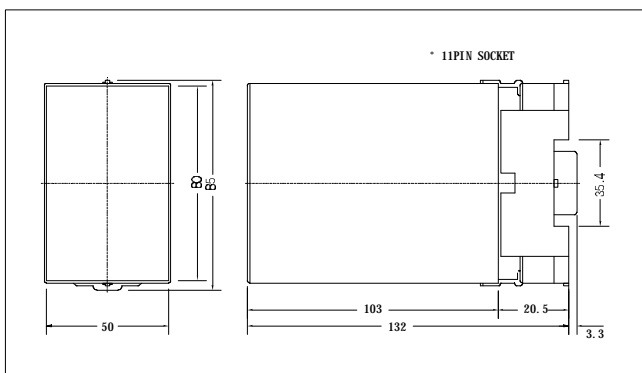
- 1 AC100~240V

OUTPUT

CODE	ALARM-1	ALARM-2	OPERATION
1	HH-ALARM	H-ALARM	
2	H-ALARM	L-ALARM	
3	L-ALARM	LL-ALARM	

* TERMINAL NO.

DIMENSION



WIRING DIAGRAM

