

General Specifications

THERMOCOUPLE 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 each kind of T/C 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.

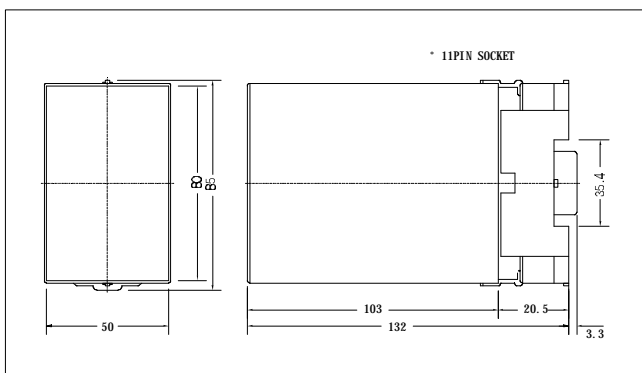
SPECIFICATIONS

ITEMS	DESCRIPTIONS	
INPUT	Thermocouple (K, J, T, R)	
OUTPUT	Relay contact	
OUTPUT RATING	AC 120V 1A, AC 240V 0.5A, DC 30V 1A	
ACCURACY	¼ 1% Max.	
TEMP. COEFFICIENT	¼ 0.02% / ½	
SETTING	Therm-Wheel Switch	
SETTING RANGE	0~99%	
HYSTERESIS	0.5~1.0%	
INSULATION RESISTANCE	Greater than 100MΩ at DC 500V	
DIRECTRIC-STRENGTH	Input-Power	AC1,500V
	Input-Output	AC1,500V
POWER SUPPLY	AC Driven	AC 85~264V 50~60Hz 7VA
	DC Driven	DC24V ¼ 10% 100mA
AMBIENT-TEMP	-5~+55°C (20~130µ)	
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.	

STANDARD INPUT RANGE (UNIT : ½)

INPUT	RANGE
K	-50~100, 0~300, 0~400, 0~500, 0~600 0~800, 0~1000, 0~1200
J	0~200, 0~300, 0~400, 0~800
T	-20~80, 0~100, 0~200
R	600~1600

DIMENSION



ORDERING CODE

MODEL : D A T C - [] [] []

INPUT SIGNAL _____
 1 K(CA)
 2 J(IC)
 3 T(CC)
 7 R
 0 Others

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.

WIRING DIAGRAM

