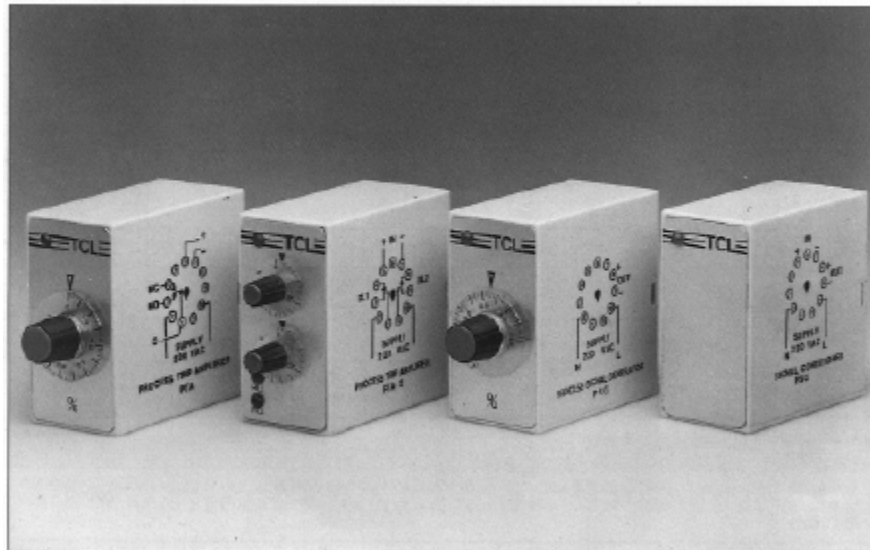


# HTS Series

## HOTTEST THERMOCOUPLE SELECTOR



### ■ FEATURES

- **Selects the highest (or lowest) signal from a number of inputs**
- **Up to 7 inputs per unit**
- **Thermocouple and analog signal inputs available**
- **Robust DIN-Rail Mount enclosures**
- **Proven reliability at low cost**



The HTS-2 series units automatically select the highest (or lowest, if so configured) signal from its input circuits and connects it to the signal output with no mechanical switching involved. The output is transmitted directly into a suitable TCL controller.

## ■ STANDARD SPECIFICATIONS

Input	:	Thermocouple or standard analog process signal
No. of Inputs	:	7 per unit
Input Burn-out	:	Can be configured for up or downscale burn-out with thermocouple or voltage inputs
Accuracy	:	$\pm 0.1\%$ of input to output gain
Stability	:	Better than 200 ppm drift
Output Resistance	:	100 ohms nominal
Cold Junction Compensation	:	Internal switch selectable
Supply Voltage	:	220VAC or 110VAC
Ambient Conditions	:	Temperature: 0-50°C Humidity: 10-90% RH
Weight	:	$\pm 610\text{g}$





**■ MODEL NUMBER CODE**

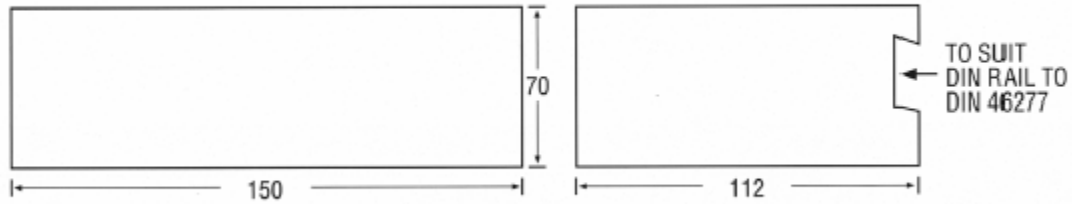
MODEL	SUFFIX CODE			DESCRIPTION
<b>HTS-2</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
INPUT	<input type="checkbox"/>			REFER SIGNAL CODE OR TCPL TYPE
NO. OF INPUTS		2		2 CHANNEL
		3		3 CHANNEL
		4		4 CHANNEL
		5		5 CHANNEL
		6		6 CHANNEL
		7		7 CHANNEL
SUPPLY VOLTAGE			1	110 VAC
			2	220 VAC

SIGNAL CODE			
1) 0 to 10 mV	2) 0 to 100 mV	3) 0 to 1V	4) 0 to 5V
5) 0 to 10 V	6) 1 to 5 V	7) 0 to 20 mA	8) 4 to 20 mA
9) Others			
THERMOCOUPLE TYPES:			
J, K, T, E, N, R and S			





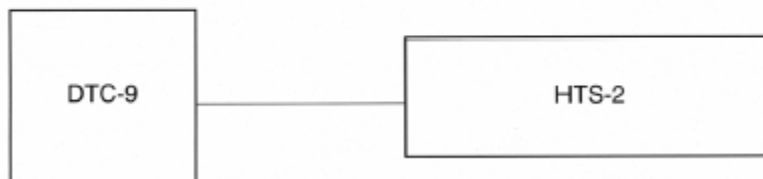
■ EXTERNAL DIMENSIONS AND PANEL CUT-OUT (UNIT: mm)



■ CONNECTIONS

32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17
L			E			N			HTS						
+ TC1 -		+ TC2 -		+ TC3 -		+ TC4 -		+ TC5 -		+ TC6 -		+ TC7 -		+ OUT -	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

■ HTS-2 EXAMPLE CONFIGURATION



■ REPRESENTED BY:

