

Panel Mount Universal Digital Microprocessor Temperature Control



General Description

The Series 150 is an economical high performance temperature control. The standard version has a 4 digit display, four enunciator LED's, four user interface switches, one or two relay outputs (with one optional SSR drive), and one or two probe inputs (T/C J/K/T, or NTC, PTC, PRTD).

Options Include:

- Custom software.
- Time and Temperature.
- Digital input.



Specifications

Line Voltage: 120 +/-15% or 240 +/-10% 50/60 Hz VAC 12V or 24 V factory set

Output Switching Device Options: One or two relays (or 1 SSR driver).

Relay Options: (other ratings may be available)

10A @ 120VAC / 10A @ 250VAC or

15A @ 250VAC / 15A @ 125VAC

15A @ 277VAC / 15A @ 125VAC 1HP @ 250VAC, 1/2HP @ 120VAC

Control Mode: On/Off

Operating Ambient: 0° to 55°C (Higher ratings optional)

Input: One or two Probes—Second Probe input may be used as a Digital Input.

Probe Options: T/C J/K/T, or NTC/PTC/PRTD

Accuracy (standard): T/C +/-2% F.S. Resistive +/-1% F.S.

Accuracy (custom) : Call for options

Size (w x h x d): 3.0" x 1.5" x 3.125" (2 relay unit: d = 4.125")

Panel Cutout (w x h): 2.675" (67.9mm) x 1.141" (29.0mm)

How to Order

150	-	X	X	X	-	X	X	X	X	-	X	X
												Sequential ID for further Definition
												0=Heat/Cool 1=Refrigeration
												Alarm 0=none 1=Internal 2=Relay 3=Internal and Relay
												Sensor: 0=None 1=NTC 2=PTC 3=PRTD1K 4=RESISTIVE 5=T/C 6=NTC/PTC
												Sensor: 0=None 1=NTC 2=PTC 3=PRTD1K 4=RESISTIVE 5=T/C 6=NTC/PTC
												K2 0=None 1=10A
												K1 0=None 1=15A 3=SSR Drive 4=16A/.5HP@125VAC;1HP@250VAC
												Input Voltage 1=110vac 2=220vac 3=24VAC/DC 4=12VAC/DC

Wiring and Dimensions (typical)

