



48 x 48mm

Features :

- 4+4 digits, 7 segment LED dual display
- TC / RTD input
- PID / ON - OFF control
- Auto tune / Self tune
- Two set points
- °C / °F selectable
- Field selectable control output (Relay or SSR)
- Auxiliary output : Relay / SSR

Display specifications

Display	4+4 digits, 7 Segment LED dual display Height of upper display : 15.3mm Height of lower display : 8mm
LED indication	1. Output 1 ON T : Auto tune 2. Output 2 ON S : Dwell timer

Input specifications

Inputs	Thermocouple (J, K, T, R, S) / RTD (PT100)
Resolution	0.1 / 1° for TC / RTD inputs (fixed 1° for R & S type TC input)
Indication accuracy	For J, K & T inputs : 0.25% of F.S. ±1° For R & S inputs : 0.5% of F.S. ±2° (20 min of warm up time for TC inputs) For RTD inputs : 0.1% of F.S. ±1° (F.S. = Full scale)
Temperature unit	°C / °F selectable
Input filter (FTC)	0.2 to 10.0sec
Sampling time	250 ms

Output specifications

Control output (Relay or SSR user selectable)	
Relay contact (SPST)	5A resistive @ 250V AC / 30V DC
SSR drive (Voltage pulse)	12V DC, 30 mA
Auxiliary output	
Relay contact (SPST)	5A resistive @ 250V AC / 30V DC

Functional specifications

Control action	1) PID Control with auto tuning 2) ON-OFF control
Proportional band (P)	1.0 to 400.0°
Integral time (I)	0 to 9999 sec
Derivative time (D)	0 to 9999 sec
Cycle time	0.1 to 99.9 sec
Hysteresis width	0.1 to 99.9°
Manual reset value	-19.9 to 19.9°
Heat-cool	
Control action	PID
Proportional band-cool	0.0 to 400.0°
Cycle time-cool	0.1 to 99.9 sec
Dead band	Programmable from set point low limit to set point high limit.
Settings for alarm output	
Modes	Deviation, Absolute
Hysteresis	0.1 to 99.9°

Auxiliary supply specifications

Supply voltage	90 to 270V AC / DC (50 / 60Hz)
Power consumption	6 VA max @ 230V AC

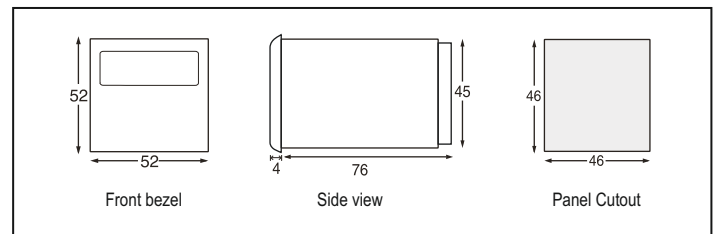
Environmental specifications

Temperature	Operating : 0°C to 50°C Storage : -20°C to 75°C
Humidity (non - condensing)	95% RH

Mechanical specifications

Mounting	Panel
Weight	116 gms

Dimension (All are in mm)



Terminal Connection

