

# DTD

## Temperature Controller

### Features:

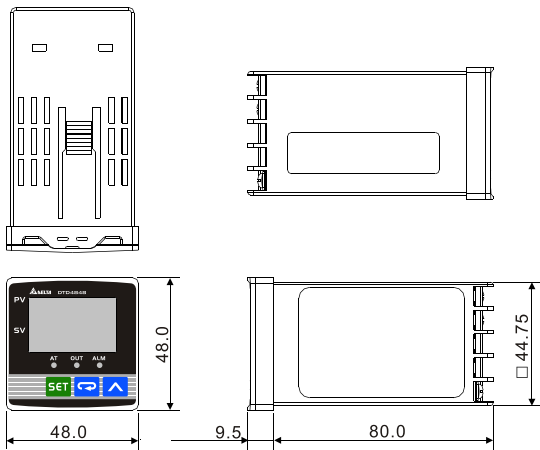
- 4 Control Modes: ON/OFF, PID, Manual and PID Programmable Control
- PID Parameter Auto-Tuning
- Input Signals: Sensor or Analog Signals
- 9 Alarm Output Modes
- Strong Alarm Functions: Standby Alarm Output, Alarm Output Inversion, Holding Alarm Output and Displaying Alarm Peak Value



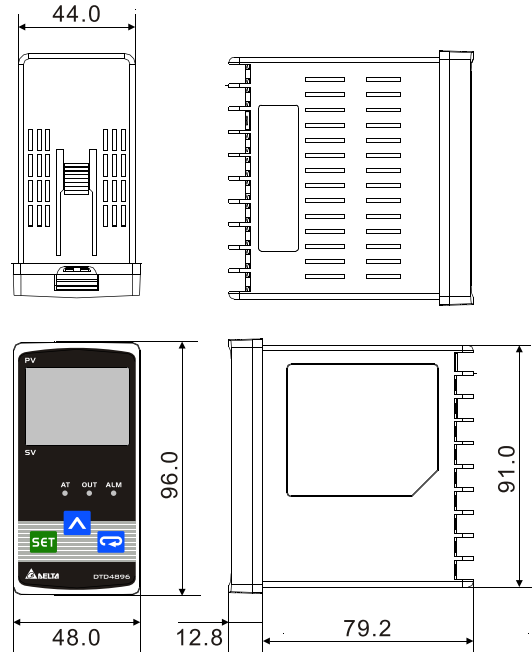


## Dimensions

### DTD 4848



### DTD 4896



## Ordering Information

**DTD** 1 2 3 4 5 0

Series name	DTD: Delta D series temperature controller	
1 2 3 4 Panel size (W x H)	4848 : 1/16 DIN W48 x H48 mm	4896 : 1/8 DIN W48 x H96 mm
5	R: Relay output SPST (250VAC, 5A) V: Voltage pulse output 14V +10% ~ -20% (Max. 40mA)	
Optional	0 : None	

## Specifications

Power input	AC100 ~ 240V 50/60Hz	
Input power range	85% ~ 110%, rated voltage	
Power consumption	6VA Max.	
Display	7-segment LED; PV in red, SV in green	
Input temperature sensor	Thermocouple: K, J, T, E, N, R, S, B, L, U, TxK	Platinum resistance: Pt100, JPt100
Analog input	Current: 0 ~ 20mA, 4 ~ 20mA,	Voltage: 0 ~ 5V · 0 ~ 10V · 0 ~ 70mV
Display scale	For temperature input: K2, J2, T2, Pt100-2 and JPt100 can display to 0.1 degree; others display in 1degree as a unit. °	
Control method	PID, PID programmable control, On/Off, manual output	
Control output type	Relay output: AC 250V, 5A, SPST Voltage pulse output: DC 14V, Max. output current 40mA	
Sampling cycle	0.4 second (including analog input signal and sensor input signal)	
Vibration resistance	10 ~ 55Hz 10m/s <sup>2</sup> 3 axes 10mins	
Shock resistance	Max. 300m/s <sup>2</sup> 3 axes 6 directions, 3 times each	
Ambient temperature	0°C ~ 50°C	
Storage temperature	-20°C ~ +65°C	
Operation altitude	Less than 2,000m	
Ambient humidity	35% ~ 85% RH (non-condensing)	

\*The content in the catalog may be revised without prior notice to clients.



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