



DELTA DTD Temperature Controller User Manual

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DELTA DTD Temperature Controller



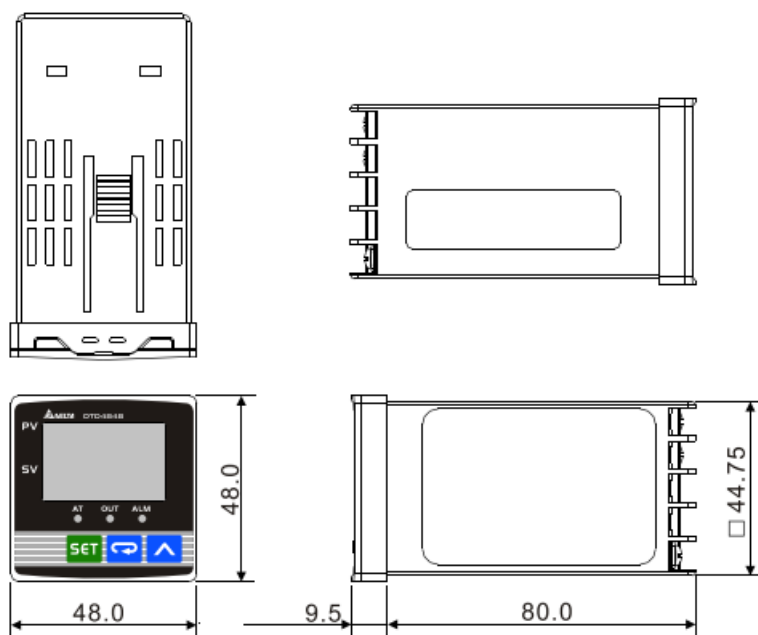
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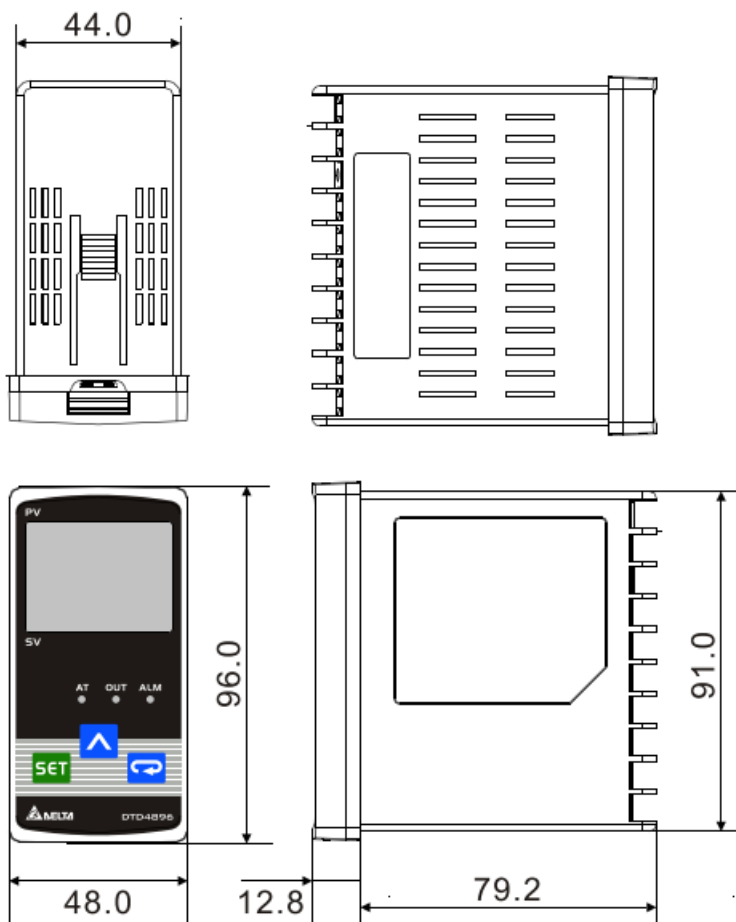
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Features:

- 4 Control Modes: ON/OFF, PIO, Manual and PIO Programmable Control
- PIO 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





Ordering Information

[1] [2] [3] [4] [5] 0

Series name	DTD: Delta D series temperature controller
[1] [2] [3] [4] Panel size (W x H)	4848: 1/16DINW48xH48mm 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	6VAMax.	
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 ~ 1 0V, 0 ~ ?0mV
Display scale	For temperature input: K2, J2, T2, Pt100-2 and JPt100 can display to 0.1 degree; others display in 1 degree as a unit. 0	
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 1 0m/s' 3 axes 10mins	
Shock resistance	Max. 300ml s' 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.

Customer Support

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AMERICA

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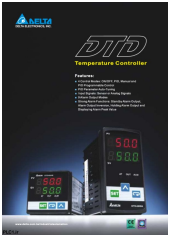
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Documents / Resources



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DTD Temperature Controller, DTD, Temperature Controller, Controller

[Manuals+](#)