

T-DSL Series

PRODUCT DATA SHEET

Temperature Controls

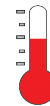
Up to 15 amps, Dual Set-Point, Precise Control

Easy to read .3"(7.6mm)
dual setpoint LED display

Auto tune PID, PID or On/
Off control with Auto/
Manual operation

±.25% full span, single
digit accuracy

Provides precise control
for consistent plating
and etch rates in most
aqueous processes



Adjustable temperature
range from -328°F(-200°C)
to 4208°F(2320°C)



cULus and CE compliant

DSL SERIES, 1/16 DIN DIGITAL THERMOSTATS						
MODEL NUMBER	MAX. VOLTS	TEMP. AMPS	TEMP. RANGE	SENSOR LENGTH Ft./(m)	REPL. SENSOR P/N	SHIP WGT. Lbs./(kg)
T-DSL3	85-265	3	-100-500°F (-73-260°C)	10' (3 m)	RTD1000	2 (1)

**PROCESS
TECHNOLOGY**

ISO 9001:2015
WITH DESIGN CERTIFIED

Features & Values

- Easy to read .3" (7.6mm) dual LED displays. Two set points (heating and cooling). Provides precise control for consistent plating and etch rates in most aqueous processes.
- Fluoropolymer (FEP) covered 10-foot (3m), 1000-ohm platinum RTD sensor included standard with the control. Provides extended service in corrosive liquids and can be lengthened with ordinary copper wire
- NEMA 1, IP21, flame retardant and gasketed plastic enclosure with stainless steel hardware
- Single pole, double throw switch rated at 3-amps for up to 240 volts. Three switches: Set Point 1 (SP1), Set Point 2 (SP2), and alarm output (AL).
- 20°F(-7°C) to 140°F(60°C) ambient temperature range
- ±.25% full span, single digit accuracy
- Auto tune PID, PID or On/Off control with Auto/Manual operation

Specifications

Temperature Range Adjustable temperature range from -328°F(-200°C) to 4208°F(2320°C) (high temperature sensor required).

Options

- Scalable voltage and current inputs
- 4-20 mA or 0-10VDC outputs for process recording
- 4-20 mA or 15VDC control outputs
- RS485 communication protocol.
- Three wire 100-ohm RTD sensors
- Type J, K, T, and R thermocouples
- Special sensors required for temperatures above 500°F(260°C)
- 25-foot (7.6m) and 50-foot (15.2m) sensors

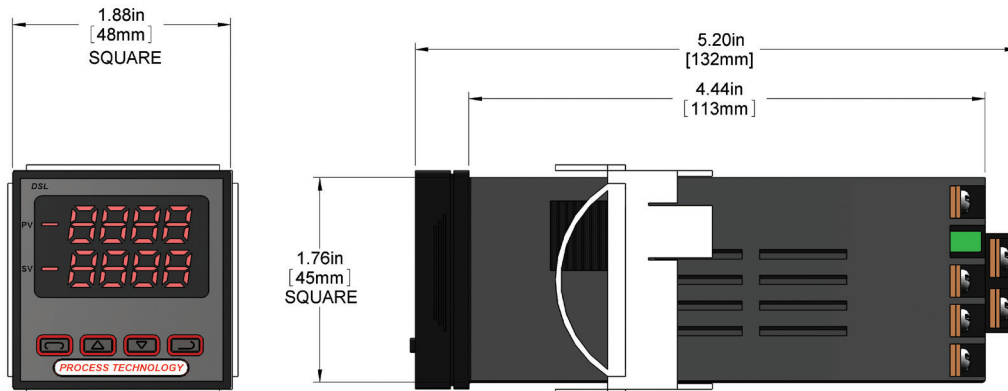
Safety Features

- Non-volatile memory
- Programmable high/low temperature alarm output
- Sensor short and break protection
- Security code restricted menu
- Programmable high set point limit
- Security code restricted menu

Certifications

cULus and CE compliant

Dimensions



Model Number Breakdown

Control Type	Series	Amperes	Voltage	Control Options	Standard Options
T-	DSL	3	1 = 120 2 = 240	E = Easyplug MAR = Milliamp output recording RS = RS485 output VC = 15VDC control output NC VC-RS = 15VDC output/ RS485 output VR = Voltage output recording	R = RTD100 -J = J Type TC -K = K Type TC -L = Less sensor -H = High temp sensor -25 = 25 foot sensor -50 = 50 foot sensor -F = FEP sleeved sensor

PROCESS TECHNOLOGY