

# T-DQ Series

## PRODUCT DATA SHEET

### Temperature Controls

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

Large (.56" high), easy to read LED display

Vapor tight , IP21, front panel protection

±.25% full span, single digit accuracy

Single phase only.



Adjustable temperature range from -40°F(-40°C) to 999°F(538°C)



cULus and CE compliant

DQ SERIES, 1/4 DIN DIGITAL THERMOSTATS						
MODEL NUMBER	VOLTS	MAX. AMPS	TEMP. RANGE	SENSOR LENGTH Ft./(m)	REPL. SENSOR P/N	SHIP WGT. Lbs./(kg)
T-DQ15D	100-240 +/- 10%	15	-40-999°F (-40-538°C)	10' (3m)	RTD1000	3 (1.4)

\*12 amp full load max if operating a heater with a built-in thermal protector



## Features & Values

- Large (.56" high), easy to read LED display. 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 15-amps for either 120 or 240 volts. \*12 amp full load max if operating a heater with a thermal protector.
- 20°F(-7°C) to 140°F(60°C) ambient temperature range
- ±.25% full span, single digit accuracy
- Single phase only

## Specifications

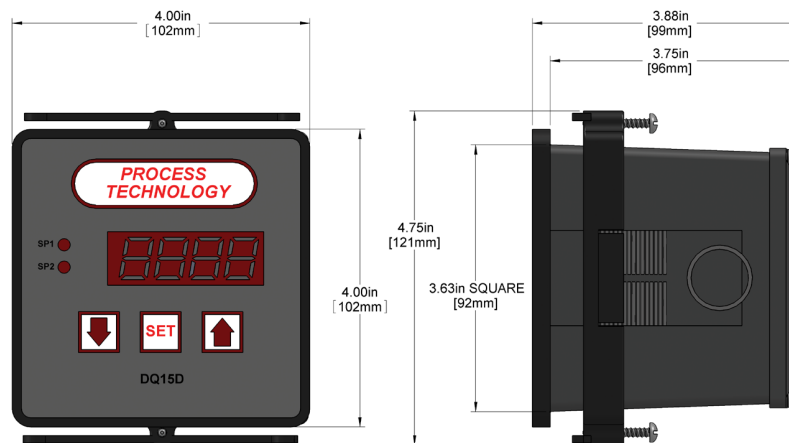
**Temperature Range** Adjustable temperature range from -40°F(-40°C) to 999°F(538°C).

- Options**
- Scalable voltage and current inputs
  - 4-20 mA outputs for process recording
  - Special sensors required for temperatures above 500°F(260°C)
  - Three wire 100-ohm RTD sensors
  - 25-foot (7.6m) and 50-foot (15.2m) sensors
  - Adapter panels for control retrofits
  - V option - 6 inch (152.4mm) x 6 inch (152.4mm) enclosure

- Safety Features**
- Non-volatile memory
  - Programmable high alarm shutdown
  - Sensor short and break protection
  - Security code restricted menu
  - Programmable high set point limit

**Certifications** cULus and CE compliant

## Dimensions



## Model Number Breakdown

Control Type	Series	Amperes	Volts	Control Options	Standard Options
T-	DQ	15	1 = 120 2 = 240	-MA = milliamp output	-H = high temperature sensor -L = No sensor -R = 100 ohm RTD - R = RigiF 1000 ohm RTD -25 = 25 foot RTD sensor -50 = 50 foot RTD sensor -F = FEP sensor sleeve

