



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.

DQ Series Control Features and Benefits

IMPROVES PROCESS CONTROL:

- ◆ 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.

TEMPERATURE SENSOR:

- ◆ 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.

CORROSION RESISTANT ENCLOSURE:

- ◆ NEMA 1, IP21, flame retardant and gasketed plastic enclosure with stainless steel hardware.

CAPACITIES:

- ◆ Single pole double throw switch rated at 15 amps for either 120 or 240 volts (heating). *12 amp full load max if operating a heater with a thermal protector.
- ◆ Adjustable temperature range from -40°F(-40°C) to 999°F(538°C).
- ◆ ±.25% full span, single digit accuracy.
- ◆ 20°F(-7°C) to 140°F(60°C) ambient temperature range.
- ◆ Single phase only

SAFETY FEATURES

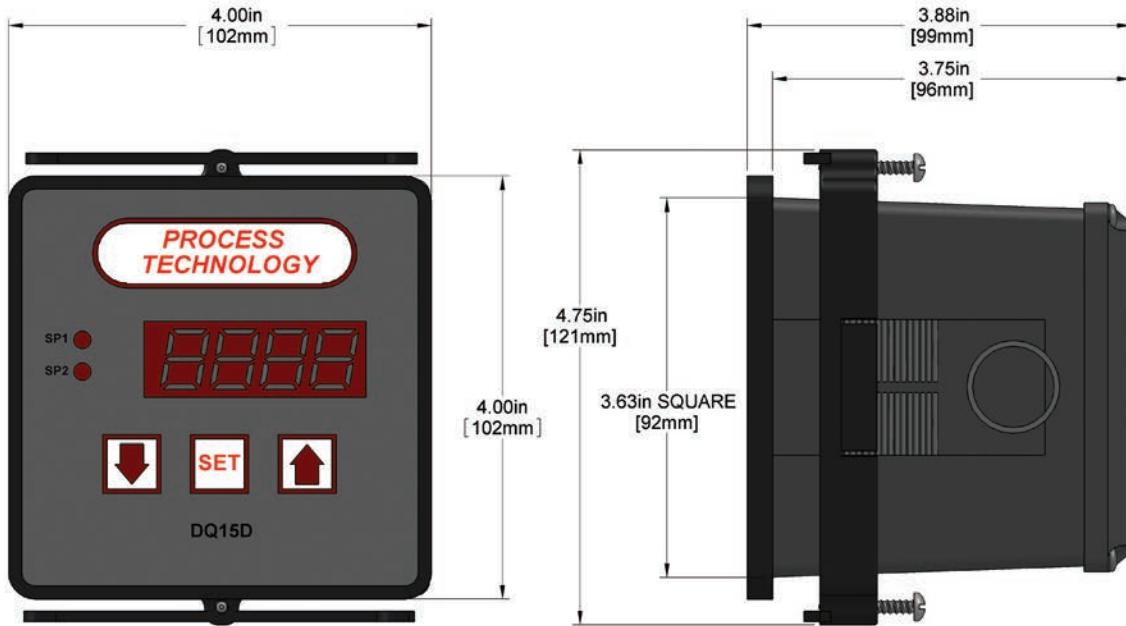
- ◆ Non-volatile memory.
- ◆ Programmable high alarm shutdown.
- ◆ Sensor short and break protection.
- ◆ Programmable high set point limit.
- ◆ Security code restricted menu.

CERTIFICATIONS: cULus and CE compliant.

OPTIONS AVAILABLE (consult factory):

- ◆ 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.

DIMENSIONS



DQ THERMOSTAT ORDERING INFORMATION

Control Type	Series	Amperes	Volts	Control Options	Standard Options
T-	DQ15D	15	1 - 120 2 - 240	-MA = milliamp output	-H = high temperature sensor -L = No sensor -R = 100 ohm RTD -__R = Rigid 1000 ohm RTD -25 = 25 foot RTD sensor -50 = 50 foot RTD sensor -F = FEP sensor sleeve -H = high temperature sensor

ORDERING EXAMPLE:

T-DQ15D-1-25

DQ thermostat, 15 amps, 120 volt, 25 foot 1000 ohm RTD sensor.

