



T-DLC16-1

| DLC SERIES, DIGITAL THERMOSTATS | | | | | | |
|---------------------------------|-------|-----------|--------------------------|---------------------------|------------------|-------------------------|
| MODEL NUMBER | VOLTS | MAX. AMPS | TEMP. RANGE | SENSOR LENGTH Ft./ (m) | REPL. SENSOR P/N | SHIP WGT. Lbs./ (kg) |
| T-DLC16-1 | 120 | 16 | -58-302°F (-50-150°C) | 10' (3m) | DLC-10L | 3 (1.4) |
| T-DLC16-2 | 240 | 16 | -58-302°F (-50-150°C) | 10' (3m) | DLC-10L | 3 (1.4) |

*12 amp full load max if operating a heater with a thermal protector.



DLC Thermostat Features and Benefits

IMPROVES PROCESS CONTROL:

- ◆ Large (.56" high), easy to read LED display. Provides precise control for consistent plating and etch rates in most aqueous processes.

TEMPERATURE SENSOR:

- ◆ Fluoropolymer (FEP) covered 10-foot (3m), thermistor included standard with the control. Provides extended service in corrosive liquids and can be lengthened with ordinary copper hookup wire.

CORROSION RESISTANT ENCLOSURE:

- ◆ Vapor tight, IP64, front panel protection, plastic enclosure with sealed tactile switches (stand alone).

CAPACITIES:

- ◆ Single pole, double throw switch rated at 16-amps for either 120 or 240 volts. *12 amp full load max if operating a heater with a thermal protector.
- ◆ Adjustable temperature range from -58°F(-50°C) to 302°F(150°C).
- ◆ ± 1% full span, single digit accuracy.
- ◆ 14°F(-10°C) to 158°F(70°C) ambient temperature range.
- ◆ Single phase only.

CERTIFICATIONS: CE compliant.

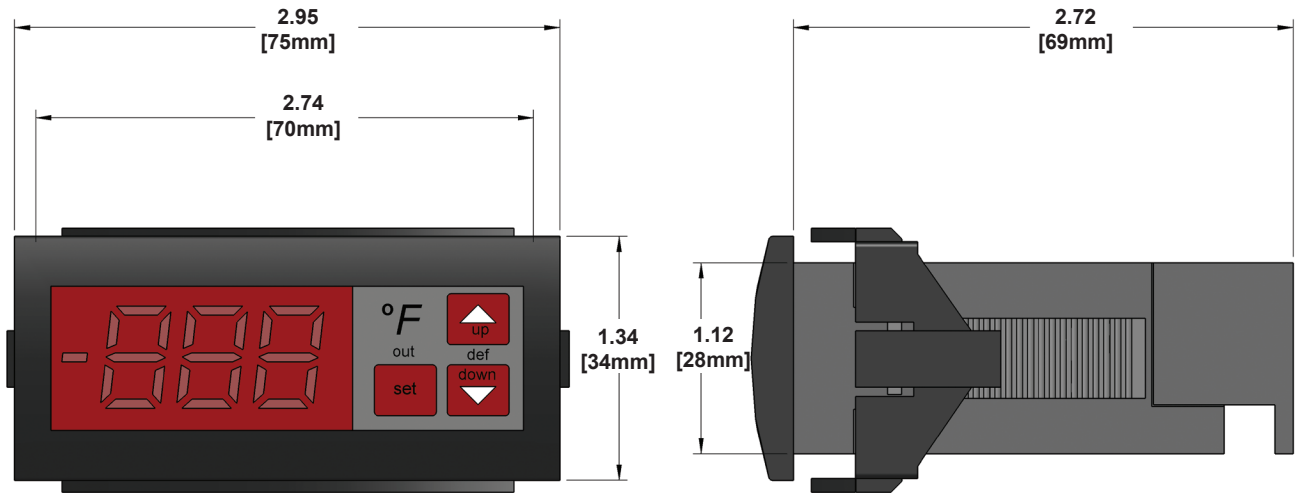
SAFETY FEATURES:

- ◆ Non-volatile memory.
- ◆ Sensor short and break protection.
- ◆ Security code restricted menu.

OPTIONS AVAILABLE (consult factory):

- ◆ Celsius readout (must specify).
- ◆ 25-foot (97.6m) and 50-foot (15.2m) thermistors.
- ◆ Combination controls available for three phase service and larger heater loads.
- ◆ Direct acting output for cooling applications.
- ◆ Adaptor panels for control retrofits.
- ◆ *V option - 6 inch (152.4mm) x 3 inch (76.2mm) enclosure.

DIMENSIONS



DLC CONTROL ORDERING INFORMATION

| Control Type | Series | Amperes | Voltage | Control Options | Standard Options |
|--------------|--------|---------|--------------------|---|---|
| T- | DLC | 16 | 1 = 120 2 = 240 | No designator = Fahrenheit C = Celcius | -L = No Sensor -25 = 25 foot thermistor -50 = 50 foot thermistor -F = FEP sensor sleeve -V = 6 x 3 inch enclosure |

ORDERING EXAMPLE:

T-DLC16-1

DLC series control, 16 amps, 120 VAC, with 10 foot thermistor.

