



B-DLC SERIES, DIGITAL CONTROLS					
MODEL NUMBER	VOLTS	MAX. AMPS	REPL. RELAY P/N	REPL. SENSOR P/N	SHIP WGT. Lbs./(kg)
B-DLC301	120	30	PRD-30-1	DLC-10L	16
B-DLC302	240	30	PRD-30-2	DLC-10L	(7.3)

Control consists of gasketed plastic enclosure, thermostat, and 30 amp power relay.

B-DLC Series, Control 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 wire.

CORROSION RESISTANT ENCLOSURE:

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

CAPACITIES:

- ◆ 30 amp switching capacities for 120 to 240 volts.
- ◆ 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: cULus

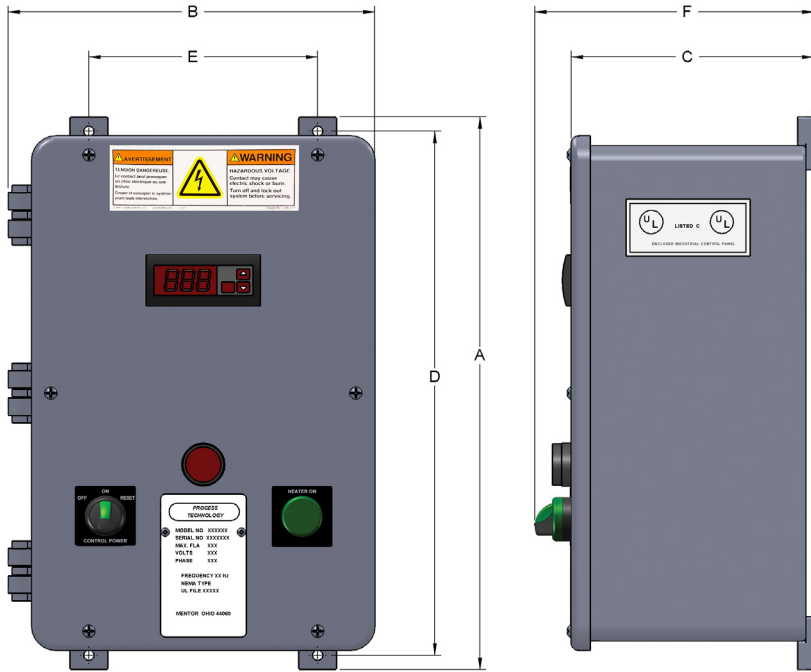
SAFETY FEATURES:

- ◆ Pre-wired P1 terminal blocks.
- ◆ Non-volatile memory.
- ◆ Sensor short and break protection.
- ◆ Programmable high set point limit.
- ◆ Security code restricted menu.

OPTIONS AVAILABLE (consult factory):

- ◆ Celsius readout (must specify).
- ◆ P2, P3 or P8 thermal protection systems.
- ◆ Integrated liquid level control components.
- ◆ Front panel mounted digital timers.
- ◆ Pre-wired outlets for plug-in heaters (16 amp max load).
- ◆ Ground fault protection of equipment (GFPE) circuitry.
- ◆ Combination controls available for three phase service and larger heater loads.
- ◆ NEMA 4/4X enclosure (with internal heater for outdoor use).

DIMENSIONS



Dimensions	30 Amps
A - Overall height w/mounting	14.375" (365mm)
B - Overall width	9.63" (245mm)
C - Enclosure Depth	6.25" (159mm)
D - Enclosure Height	13.625" (346mm)
E - Mounting hole centers	6" (152mm)
F - Overall Depth	7.25" (184mm)

*Box dimensions may vary with options.

B-DLC CONTROL ORDERING INFORMATION

Control Type	Series	Amperes	Voltage	Control Option	Standard Options
B -	DLC	30	1 - 120 2 - 240 8 - 208 9 - 220 0 - 200	E = Easyplug -C = Celcius display	-L = No sensor -25 = 25 foot thermistor -50 = 50 foot thermistor -F = FEP sensor sleeve -P2 = thermal protector 2 circuitry -P3 = thermal protector 3 circuitry -P8 = thermal protector 8 circuitry -*LC** = conductive liquid level -*ESP** = capacitive liquid level -G = ground fault protection -D = digital timer -N = NEMA 4X -NH = NEMA 4X with heater

ORDERING EXAMPLE:

B-DLC302-P2

B-DLC control in enclosure, 30 amp power relay, 240 volt, P2 thermal protection.

