C-DLC Series

**PRODUCT DATA SHEET**

**Temperature Controls**

**Single Set-Point, Precise Control**

- Large (.50” high), easy to read LED display
- Vapor tight, IP21, front panel protection
- ±1% full span, single digit accuracy
- Large switching capacities from 20 to 125amps for up to 600 volts.

Adjustable temperature range from -58°F(-50°C) to 302°F(150°C) up to 600 volts

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**C-DLC SERIES, DIGITAL COMBINATION CONTROLS**

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>VOLTS</th>
<th>MAX. AMPS</th>
<th>RELAY P/N</th>
<th>REPL. TRANS.</th>
<th>REPL. SENSOR P/N</th>
<th>SHIP WT. LBS./KG</th>
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<td>C-DLC202</td>
<td>240</td>
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Combination control consists of gasketed plastic enclosure, thermostat, 3 pole contractor and transformer.
Features & Values

- Large (.50" high), easy to read LED display. Provides precise control for consistent plating and etch rates in most aqueous processes.
- 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.
- NEMA 1, IP21, flame retardant and gasketed plastic enclosure with stainless steel hardware.
- Large switching capacities from 20 to 125 amps for up to 600 volts.
- 14°F(-10°C) to 158°F(70°C) ambient temperature range.
- ± 1% full span, single digit accuracy.
- Single or three phase.

Specifications

**Temperature Range**
Adjustable temperature range from -58°F(-50°C) to 302°F(150°C).

**Voltage**
up to 600 volts.

**Options**
- Celsius readout (must specify).
- P2, P3 or P8 thermal protection systems.
- Integrated liquid level control components.
- Front panel mounted digital timers.
- Ground fault protection of equipment (GFPE) circuitry.
- NEMA 4/4X enclosure (with internal heater for outdoor use).

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

Certifications
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Dimensions

- 20-40 Amps
- 80 Amps
- 125 Amps

Model Number Breakdown

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Control Type
- C = Combo
- DLC = Data Center

Control Option
- E = Easyplug
- C = Celsius display

Standard Options
- 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
- D = digital timer
- G = ground fault protection
- N = NEMA 4X
- NH = NEMA 4X with heater

*Box dimensions may vary with options.

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