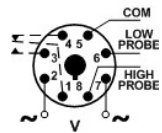




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Use socket: 70169-D

**Family:** LIQUID LEVEL CONTROL RELAY  
**Function:** DUAL PROBE PUMP UP  
**Sensitivity Range:** Sensitivity Range: 1K - 250K Ohms  
**Input Voltage:** 120V AC  
**Output:** 10A SPDT

## Product Specifications

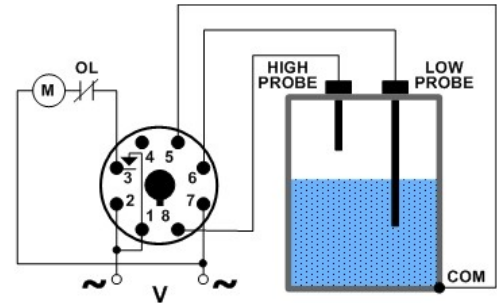
LCP2C250

Image may not be exact product—for reference only.

### Description of function:

**Pump Up (Fill):** When the liquid level falls below the low level probe, a 1 second time delay begins & the LED flashes Red. At the end of the time delay, the output relay energizes & the LED is Red ON. The pump is ON to fill the tank. The relay remains energized until the liquid level rises & touches the high level probe. The output relay de-energizes, turning off the pump, and remains de-energized & the LED is Green ON until the liquid level again falls below the low level probe.

### Function Chart:



### Application Information

- **Voltage Tolerance:** AC Operation: +10/-15% of nominal at 50/60 Hz.
- **Load (Burden):** 2 VA
- **Indicator LEDs:** Green ON with Input Voltage applied; Red Flashing during timing; Red ON when relay energized.
- **Probe Voltage:** 5V DC Pulsed
- **Response Time:** Pick-up: 1 second; Drop-out: 1 second
- **Output Contacts:** 10A @ 240V AC/7A @ 28V DC, 1/4HP @ 120V AC (N.O.)
- **Life:** Mechanical: 10,000,000 operations; Full Load: 100,000 operations
- **Temperature:** (Storage) -40° to 85° C (-40° to 185° F); (Operating) -28° to 65° C (-18° to 149° F)

• Approvals:  with Appropriate Macromatic Socket

### Dimensions Inches (Millimeters)

