The LCI108 & LCI108J Series 3-1/2 digit panel meters offer flexibility, and value in a low cost, compact 1/8 DIN package. This family of indicators offers input availability for virtually all types of process measurement. The LCI108 & LCI108J are identical except for the size of the display. The LCI108 has a 0.56” (14 mm) high display. The LCI108J (jumbo) has a 0.80” (20 mm) display for viewing from longer distances. Inputs are available for Process (0 to 10V, 4 to 20 mA), AC Volts, AC Amps, DC Volts, DC Amps, Temperature (RTD), Temperature (Thermocouple), and Frequency, depending on the model. The process and frequency inputs have appropriate transducer excitation power supplies, giving you everything you need in a compact package.

### Specifications

**Inputs:** Process, Thermocouple, RTD, VAC, VDC, AAC, ADC, Frequency.

**Input Impedance:**
- Process: Voltage, 1 MΩ; Current, 12.1Ω;
- AC & DC Current: 0.012 Ω for 5 A, 0.06 Ω for 1 A;
- AC & DC Voltage: 3 MΩ for 600 V, 300 kΩ for 200 V, 30 kΩ for 20 V.

**Display:**
- 4 digit, 14 mm red for LCI108; 4 digit, 20 mm red for LCI108J;
- Programmable decimal point with 2 LEDs for output status indication on all units.

**Accuracy:**
- ±0.1% of reading (except T/C & RTD);
- ±0.4% of reading for T/C;
- ±0.1% for RTD.

**Power Requirements:** 120/240 VAC, 50/60 Hz ±10%.

**Power Consumption:** 3 W max.

**Operating Temperature:** 14 to 140°F (-10 to 60°C) / <95% @ 104°F (40°C) non-condensing.

**Front Panel Rating:** NEMA 4X (IP66).

**Agency Approvals:** CE.

**Relay Output:**
- 2 SPDT relays rated at 8 A @ 250 VAC resistive.
- Maximum power: 2000 VA, 192 W.
- Maximum Voltage: 250 VAC, 10 VDC.
- Contact Resistance: 200 MΩ maximum.
- Output Response Time: 6 ms maximum.

**Data Transfer Time:** 2 ms.

**Address Range:** 0 to 99.

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