Accessories for LCI Series

LCIA-01 Dual Relay Output Option Card for LCI108, LCI108J, LCI208, LCI308, and LCI408 1/8 DIN panel meters

SPECIFICATIONS
Relay Output: 2 SPDT relays rated at 8 A @250VAC resistive.
Maximum Power: 2000VA, 192W.
Maximum Voltage: 250 VAC, 150 VDC.
Contact Resistance: 3mK maximum.
Output Response Time: 10 ms maximum.

*Note: Not for use on LCI108 or LCI108J input types 3, 4, 5, or 6.

LCIA-02 Quad Relay Output Option Card
for LCI208, LCI308, and LCI408 1/8 DIN panel meters

SPECIFICATIONS
Relay Output: 4 SPDT relays rated at 0.2 A @250VAC resistive.
Maximum Power: 25VA, 192W
Maximum Voltage: 250 VAC, 10 VDC
Contact Resistance: 200mK maximum
Output Response Time: 6 ms maximum

LCIA-05 Isolated Analog Retransmission
for LCI308, and LCI408 1/8 DIN panel meters

SPECIFICATIONS
Output: Selectable 0 to 10 VDC into 500 ohms minimum, 4 to 20 mADC into 800 ohms maximum.
Resolution: 12 bits.
Accuracy: 0.1% of full scale ±1 bit.
Response Time: 60 ms maximum.
Thermal Drift: 0.2 mV/°C; 0.5µA/°C.

LCIA-06 Isolated Analog Retransmission Option Card for LCI208 1/8 DIN panel meters.(Not available for input codes 5 or 7)

SPECIFICATIONS
Output: 4 to 20 mADC into 500 ohms maximum.
Resolution: 12 bits.
Accuracy: 0.2% of full scale ±1 bit @ 23°C ±5°C (73°F ±9°F).
Response Time: 120 ms maximum.
Thermal Drift: 0.2µA/°C.
Isolation: Analog output to input signal, 3750V; Analog output to power and optional relay(s), 2300V.

LCIA-07 BCD Output Option Card for LCI308 and LCI408 1/8 DIN panel meters.

SPECIFICATIONS
Output: 5-1/2 digits Tri-state logic for 5V TTL or 24VDC signals.
Data Transfer Time: 2 ms.

LCIA-08 RS-232 Serial Communications Option Card for LCI308 and LCI408 1/8 DIN panel meters.

SPECIFICATIONS
Output: RS-232-C, full duplex, 4 wire, via RJ-11 connector.
Protocol: Selectable ISO1745 (ASCII) or Modbus® RTU.
Baud Rates: 1200 or 19200 baud, selectable.
Address Range: 0 to 99.

LCIA-09 RS-485 Serial Communications Option Card
for LCI308 and LCI408 1/8 DIN panel meters.

SPECIFICATIONS
Output: RS-485, half duplex, 3 wire, via RJ-11 connector.
Protocol: Selectable ISO1745 (ASCII) or Modbus® RTU.
Baud Rates: 1200 or 19200 baud, selectable.
Address Range: 0 to 99.

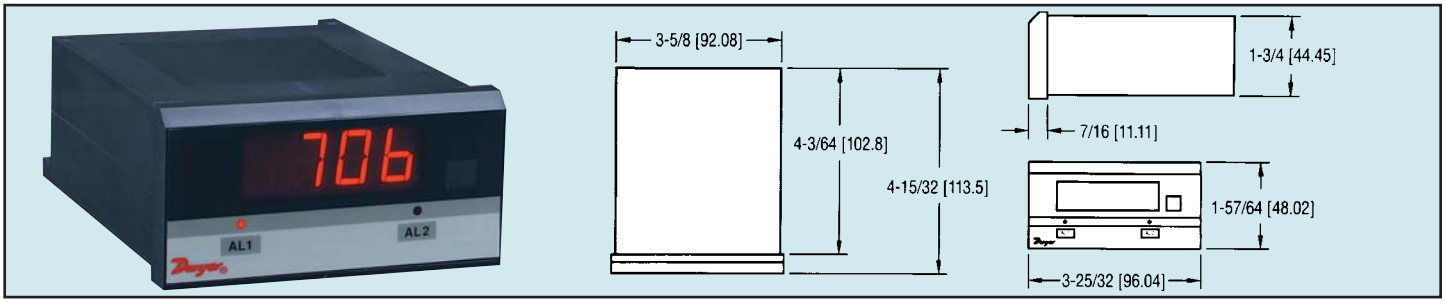
LCIA-10 RS-232/RS-485 Serial Communications Option Card for LCI208 1/8 DIN panel meters.

SPECIFICATIONS
Output: RS-485, half duplex, 3 wire, via RJ-11 connector; and RS-232-C, full duplex, 4 wire, via RJ-11 connector.
Protocol: Selectable ISO1745 (ASCII) or Modbus® RTU.
Baud Rates: 1200 or 19200 baud, selectable.
Address Range: 0 to 99.

Temperature

Dwyer®

Model PM706 Temperature Panel Meter
Dual Alarm, Relay and Analog Output



Model PM706 Digital Temperature Meter monitors and displays temperature measurements using a Type K thermocouple input. Meter features dual adjustable set points with lA relays and a selectable 4-20 mA or 0-10 VDC output signal . View alarm settings by depressing the tactile alarm button on the front panel. The bright red LED display has a floating decimal point and displays temperature in °F or °C. Meter is equipped with overrange indication to alert operator of an open thermocouple or faulty connections. Sealed front panel is rated to NEMA 12 to protect against dust and fluids.

PM706 Digital Temperature Panel Meter

SPECIFICATIONS

Temperature Range: -148 to 1999°F (-100 to 1200°C).
Input: Type K thermocouple.
Output: Dual alarm rated 1A @ 250VAC, 4-20 mA with 8V max compliance or 0-10 VDC 1 kK min.
Power Requirements: 115/230 VAC, ±10%, 50/60 Hz.
Power Consumption: 7 W.
Accuracy: ±2% at 23°C ambient.
Display: 4-digit, red, 1/2″ digits.
Resolution: 1°F/°C.
Operating Temperature: 32 to 122°F (0 to 50°C).
Ambient Temperature Effect: +0.01% of rdg., -0.05° per degree.
Temperature Coefficient: ±100
Set Point Adjustment: 0 to 2000 counts, adj. within 5 counts or better. ppm/°C.
Read Rate: 2.5 readings/sec.
Weight: 1 lb (500 g).
Front Panel Rating: 1/8 DIN, NEMA 12.

Suggested Specifications

Temperature meter shall have dual relay alarms and selectable 4-20 mA or 0-10 VDC analog output. Temperature shall be displayed in °F/°C (selectable). The housing shall be suitable for NEMA12 service. Meter shall be Dwyer Model No. PM706.