



Solving your relay requirements since 1922

Amperite Co.

(800) 752-2329
www.Amperite.com

CI Series TDR

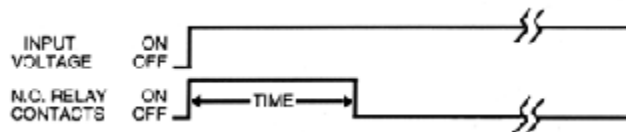


- ... Solid state analog circuitry
- ... One-shot timing mode (interval on)
- ... DPDT (2 form C) isolated 10 ampere relay contacts
- ... Timing selection: Knob adjustable or Fixed
- ... Numerous models timing from 0.1 secs. to 480 secs.
- ... UL File #E96739 (M)
- ... CSA File #LR62586-3

Timing Mode:

Relay contacts transfer and timing cycle begins, upon application of power. At the end of the timing cycle, the relay contacts return to the De-Energized position. Reset occurs upon removal of the input power.

Timing Diagram:



Contact Information:

Arrangement: 2 form C (DPDT) - Diagrams C & D

Contact Material: Silver - Cadmium Oxide

Rating (Resistive):

10A @ 240V AC Resistive

15A @ 30V DC Resistive

15A @ 120V AC Resistive

1/3 HP @ 120V AC

1/2 HP @ 250V AC

Expected Life @ 25 °C:

10 Million operations, Mechanical

100,000 operations minimum at rated loads



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Environmental Information:

Temperature Range: Storage: -60°C to $+105^{\circ}\text{C}$ (-76°F to $+221^{\circ}\text{F}$)

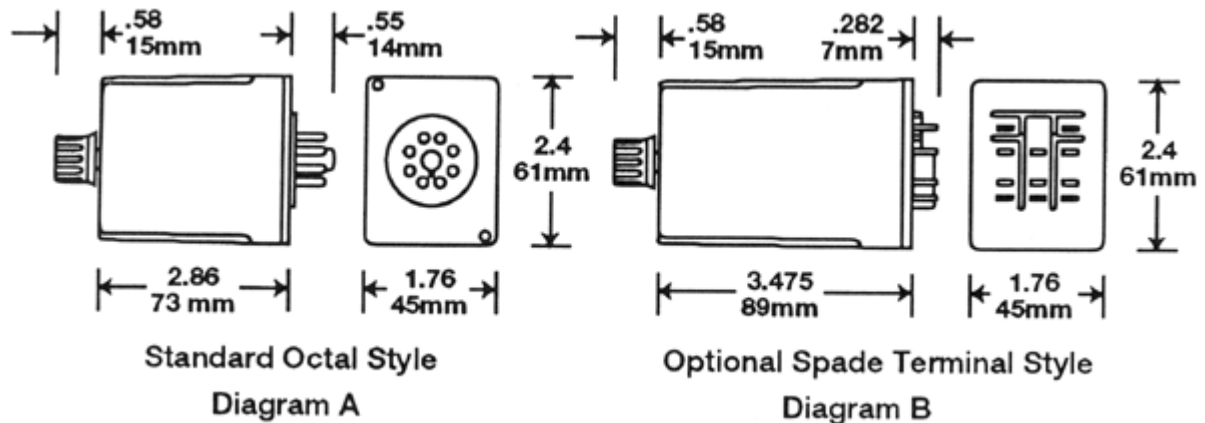
Operating: 45°C to $+70^{\circ}\text{C}$ (-49°F to $+158^{\circ}\text{F}$)

Mechanical Information:

Termination: 8 Pin Octal Style Plug or 11-Pin Spade Terminal (Dia. C&D)

Enclosure: White plastic case. Knob adjustable models have a dial scale for reference only "LCI" version has a black case. Weight: 4 oz (114g) approx.

Outline Dimensions:



Timing Specifications:

Timing - Fixed: 0.1 through 480 secs.

Timing Ranges: 0.1 - 60, 60 - 120, 120 - 180, 180 - 240, 240 - 300, 300 - 480 secs.

Custom timing is available.

Timing Adjustment: Knob adjustable potentiometer.

Timing Tolerance:

Fixed Units: $\pm 5\%$

Adjustable Units: -0 to $+25\%$ of maximum specified delay time.

Minimum specified value or less at low end.

Repeatability: $\pm 5\%$

Release Time: 60 ms typical, 100 ms maximum.

Initial Dielectric Strength:

Between open contacts: 1000V RMS, between adjacent contacts: 1500V RMS,

Between contacts & coil: 1500 RMS.

Input Information:

Voltage: AC units- 12V, 24V, and 120V

DC units- 12V, 24V, 48V & 110V. Other voltages are available.

