



Repeat Cycle Plug-In Timer

CLRB

Specifications

Electrical

Input Voltage:
 24 or 115VAC ±10%, 50/60Hz.
 24 or 125VDC ±10%, Filtered to Full Wave.
Time Delays:
 Type: Adjustable or Factory Fixed
 Range: 50 Milliseconds to 24 Hours
 Repeat Accuracy: ±0.2% of Time Range or ±10 Milliseconds, Whichever is Greater.
 Fixed Time Accuracy: ±5% Worst Case
 Reset Times: 50 Milliseconds, Typical
Protection: Varistor and/or R-C Network
Power Consumption: 5VA
Output Relay: 10 Amps @ 120/240VAC
 500,000 Full Load Electrical Cycles
 50,000,000 Mechanical Cycles
U.L. Ratings:
 6.5 Amps, 1/3 HP, 125VA @ 240VAC
 7 Amps, 1/6 HP, 125VA @ 120VAC

Physical

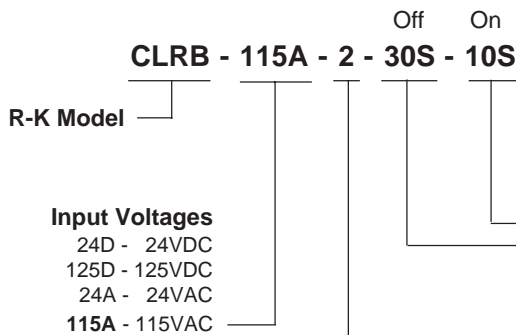
Mounting: Plug-In
Termination: 8 or 11 Pin & Blade Base
Packaging: Dust Cover
Weight: 7 Oz.

Ambient Temperatures

Operating: -10°C to 65°C
U.L. Operating: -10°C to 40°C
Storage: -10°C to 85°C



Ordering Information



Time Delays

- 0.5S - 0.05 to 0.5 Sec.
- 1S - 0.05 to 1 Sec.
- 5S - 0.05 to 5 Sec.
- 10S - 0.1 to 10 Sec.
- 30S - 0.3 to 30 Sec.
- 1M - 0.6 Sec. to 1 Min.
- 2M - 1.2 Sec. to 2 Min.
- 3M - 1.8 Sec. to 3 Min.
- 5M - 3 Sec. to 5 Min.
- 10M - 6 Sec. to 10 Min.
- 20M - 12 Sec. to 20 Min.
- 30M - 18 Sec. to 30 Min.
- 1H - 36 Sec. to 1 Hr.
- 5H - 3 Min. to 5 Hr.
- 24H - 14.4 Min to 24 Hr.

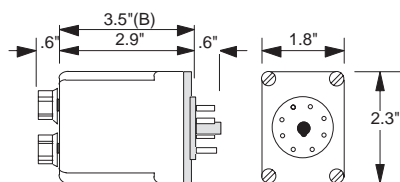
Adjustments

- 1 - Fixed (specify time) (DPDT-8 Pin)
- 1B - Fixed (specify time-Blade) (DPDT)
- 2 - Knob On Top (DPDT-8 Pin)
- 2B - Knob On Top (DPDT-Blade)
- 4 - Fixed (specify time) (DPDT-11 Pin)
- 5 - Knob On Top (DPDT-11 Pin)

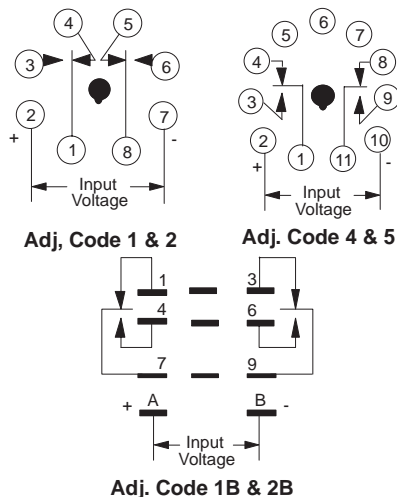
- Independent On & Off Adjustments
- Digital CMOS Design
- 10 Amp, DPDT
- ±0.2% Repeatability
- Transient Protected
- On Time Ranges Up To 24 Hours
- Off Time Ranges Up To 24 Hours



Dimensions



Connections



Operation

Repeat Cycle

When input voltage is applied to the CLRB, the first delay period (off time) begins. At the end of the off time period, the internal relay is energized and the second delay period (on time) begins. At the end of the on time, the internal relay is de-energized. The CLRB will continue to cycle the internal relay until the input voltage is removed. Separate knobs are used to adjust the off and on times. (The CLRB is also available with reverse operation.)

