



Interval On Plug In Timer

CDB

Specifications

Electrical

Input Voltage:

24 or 115VAC, ±10%, 50/60Hz
24 or 125VDC ±10%, Filtered or 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:

During Timing: 50 Milliseconds, Typical
After Timing: 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. & CSA Ratings:

5 Amps, 1/3 HP, 125VA @ 240VAC
5 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: 0°C to 40°C

Storage: -10°C to 85°C



Ordering Information

CDB - 115A - 2 - 10S

R-K Model

Input Voltages

24D - 24VDC
125D - 125VDC
24A - 24VAC
115A - 115VAC

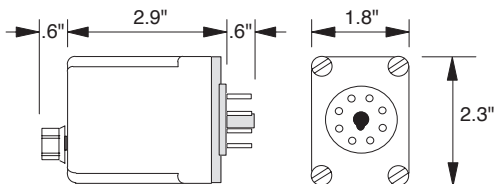
Adjustments

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

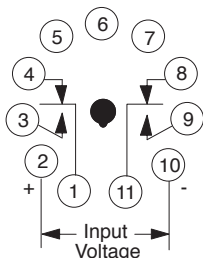
Time Delays

- 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.

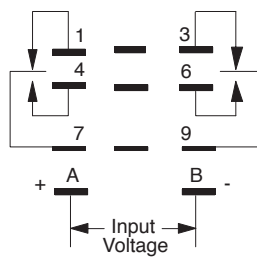
Dimensions



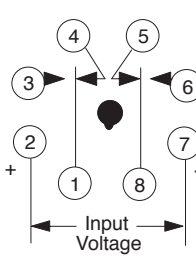
Connections



Adj. Code 5



Adj. Codes 1B & 5B



Adj. Codes 1 & 2

- Digital CMOS Design
- 10 Amp, DPDT
- ±0.2% Repeatability
- Transient Protected
- Timing Ranges Up To 24 Hours



E71902
STANDARD 508



LR43414

Operation

Interval On

When input voltage is applied to the CDB, the internal relay is energized, transferring the output contacts, and the timing cycle begins. At the end of the timed period the internal relay is de-energized and the timing circuit is reset. Removal of input voltage during or after the timing cycle will de-energize the internal relay and reset the timing circuit.

