CDB



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

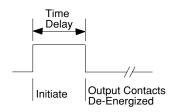


STANDARD 508

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.



Interval On Plug In Timer



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
±10Milliseconds, 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

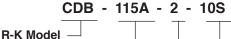
Packaging: Dust Cover

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



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.

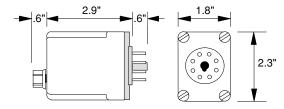
30M - 18 Sec. to 30 Min.

1H - 36 Sec. to 1 Hr.

5H - 3 Min. to 5 Hr.

24H - 14.4 Min to 24 Hr.

Dimensions



Connections

