

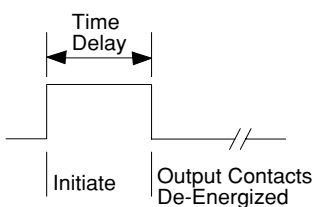


- Digital CMOS Design
- 10 Amp, DPDT
- $\pm 0.2\%$  Repeatability
- Transient Protected
- Timing Ranges Up To 24 Hours



### 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.



### Specifications

#### Electrical

**Input Voltage:**  
24 or 115VAC,  $\pm 10\%$ , 50/60Hz  
24 or 125VDC  $\pm 10\%$ , Filtered or Full Wave

#### Time Delays:

Type: Adjustable or Factory Fixed  
Range: 50 Milliseconds to 24 Hours  
Repeat Accuracy:  $\pm 0.2\%$  of Time Range or  $\pm 10$  Milliseconds, Whichever is Greater.  
Fixed Time Accuracy:  $\pm 5\%$  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

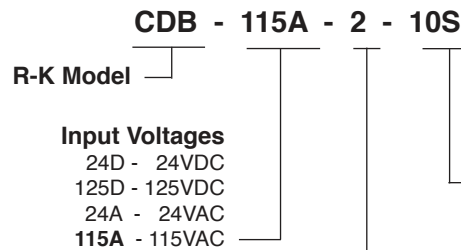
#### Physical

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

#### Ambient Temperatures

**Operating:**  $-10^{\circ}\text{C}$  to  $65^{\circ}\text{C}$   
**U.L. Operating:**  $0^{\circ}\text{C}$  to  $40^{\circ}\text{C}$   
**Storage:**  $-10^{\circ}\text{C}$  to  $85^{\circ}\text{C}$

### Ordering Information



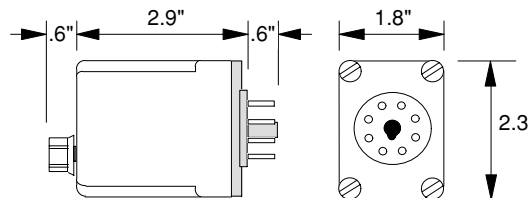
#### Adjustments

- 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

