



# Off Delay Plug-In Timer

# CFB

## Specifications

### Electrical

#### Input Voltage:

24 to 120VAC,  $\pm 10\%$ , 50/60Hz.  
24 to 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. 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

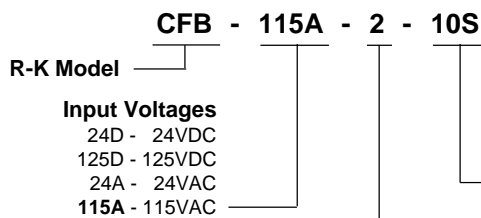
**Operating:**  $-10^{\circ}\text{C}$  to  $65^{\circ}\text{C}$

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

**Storage:**  $-10^{\circ}\text{C}$  to  $85^{\circ}\text{C}$



## 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-11 Pin)
- 1B - Fixed (specify time) (DPDT-11 Blade)
- 2 - Knob On Top (DPDT-11 Pin)
- 2B - Knob On Top (DPDT-11 Blade)
- 3 - Knob On Top (DPDT-11 Pin)
- 4 - Fixed (specify time) (DPDT-11 Pin)
- 5 - Knob On Top (DPDT-11 Pin)
- 7 - Knob On Top (SPDT-8 Pin)
- 8 - Knob On Top (SPDT-8 Pin) (UL Pending)

- Digital CMOS Design
- 10 Amp, DPDT
- $\pm 0.2\%$  Repeatability
- Transient Protected
- Timing Ranges Up to 24 Hours
- Control Voltage on Customer Contact

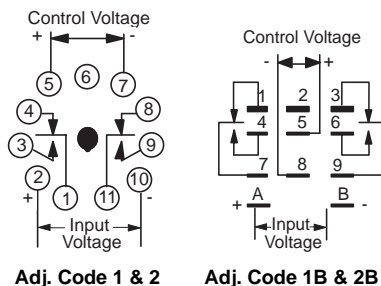


## Operation

### Off Delay

When input voltage is available, closure of the customer supplied contact (C1) or application of the control voltage will energize the internal relay. When the contact is opened or control voltage removed, the timing cycle begins. At the end of the timed period, the relay will be de-energized. Re-closure of the contact or control voltage during the timing cycle will reset the timer. The CFB resets when the control contact (C1) is re-closed or the control voltage is re-applied. For "True Off Delay" (No Power) see the COB on page 44.

## Connections



## Dimensions

