



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

± 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°C to 65°C

U.L. Operating: -10°C to 40°C

Storage: -10°C to 85°C



Ordering Information

CFB - 115A - 2 - 10S

R-K Model

Input Voltages

24D - 24VDC

125D - 125VDC

24A - 24VAC

115A - 115VAC

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)

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.

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

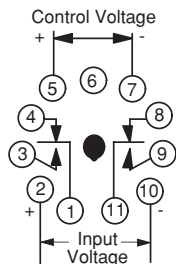


Operation

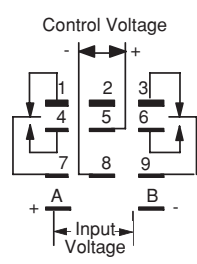
Off Delay

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.

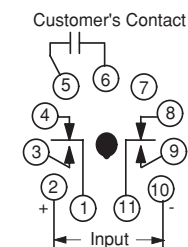
Connections



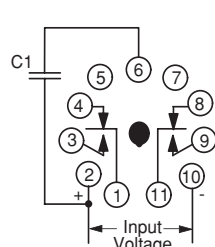
Adj. Code 1 & 2



Adj. Code 1B & 2B

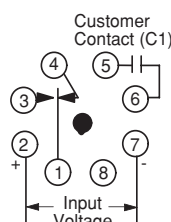
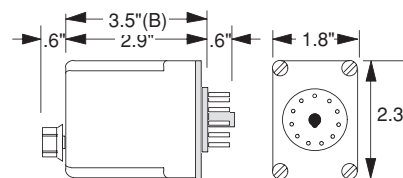


Adj. Code 3

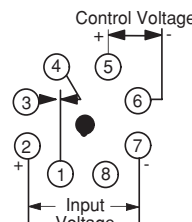


Adj. Code 4 & 5

Dimensions



Adj. Code 7



Adj. Code 8

