

Off Delay Plug-In Timer

Specifications

Electrical

Input Voltage:

24 to 120VAC, ±10%, 50/60Hz. 24 to 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

Ordering Information

R-K Model

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

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.

24H - 14.4 Min to 24 Hr.

5H - 3 Min. to 5 Hr.

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



Digital CMOS Design

- 10 Amp, DPDT
- ±0.2% Repeatability
- Transient Protected
- Timing Ranges **Up to 24 Hours**
- Control Voltage on **Customer Contact**



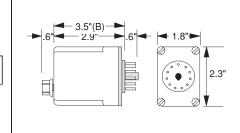
CFB - 115A - 2 - 10S

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

Adjustments

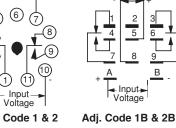
- 1 Fixed (specify time) (DPDT-11 Pin)
- 1B Fixed (specify time) (DPDT-11 Blade)
- 2 Knob On Top (DPDT-11 Pin)
- 2B Knob On Top (DPDT-11 Blade)
- 3 Knob On Top (DPDT-11 Pin)
- 4 Fixed (specify time) (DPDT-11 Pin)
- 5 Knob On Top (DPDT-11 Pin)
- 7 Knob On Top (SPDT-8 Pin)
- 8 Knob On Top (SPDT-8 Pin)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

Dimensions

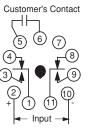


Control Voltage (6)

Connections



Adj. Code 1 & 2

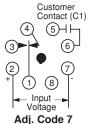


Adi. Code 3

(5) (11)Input-

Control Voltage

Adi. Code 4 & 5



Control Voltage 6 (8) (1) Input -Voltage Adj. Code 8

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.

