

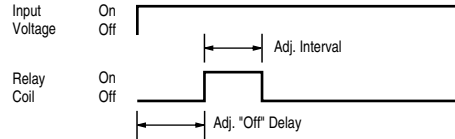
Features

- File #E59090
- Digital Timing Circuit
- Time Delays To 10 Hours
- Individual Adjustable Interval and Delay Times
- Superior Transient Protection
- Fiberglass Reinforced Circuit Board
- Reinforced Base Locator Pin
- Polycarbonate Flame-Retardant Housing
- Made in U.S.A.

1



Logic Function Diagram:



Time Delay Relays

Delayed Interval T7 Series

Operating Logic: Upon application of voltage to the input terminals, the "off" delay is initiated. At the end of this delay the relay coil is activated and the interval delay starts. At the end of the interval, the relay coil is de-activated and remains that way until the timer is reset by removing and reapplying input voltage.

Specifications

Time Delay

Adjustment: Knob, factory fixed on special order (Minimum order required)

Range: 50 mS to 10 hours in 9 ranges

Repeatability: ± 1% at constant temperature

Accuracy: Maximum time -0%, +10%;
Minimum time +0%, -50%

Reset Time: 150 milliseconds maximum

Input

Operating Voltage: 120 VAC ± 10%

Power Consumption: 3 VA maximum

Frequency: 50/60 Hz

Output

Type: Relay D.P.D.T. (2 form C)
Silver Cad. Oxide material

Rating: 10 amp. max. resistive at 240 volts A.C.;
100 mA at 5 VDC min. Load current

Life: Mechanical -10,000,000 operations
Full Load - 500,000 operations

Protection

Transient Voltage: timer is protected by a 30 joule metal oxide varistor

Dielectric Breakdown: 1500 volts RMS minimum at 60 Hz between input and outputs and between outputs

Mechanical

Termination: 8-pin plug

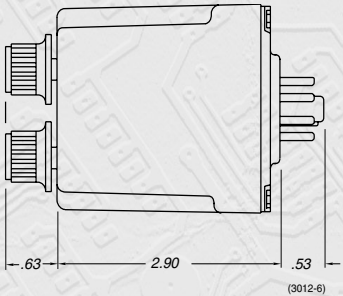
Mounting:

Socket Mount - Part Number MS0-0008P-012

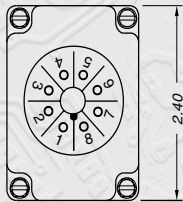
Environmental

Storage Temperature: -23°C to 70°C

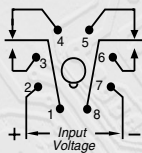
Operating Temperature: -23°C to 55°C



(3012-6)



(3012-4)



PIN CONFIGURATION
Polarity Shown is for D.C. Models

Ordering Information

Input Voltage and Appropriate Part Numbers				
Time Range	12VDC	24VDC	120VAC	240VAC
.05 -1 Seconds	Ⓞ	Ⓞ	T7K-00001-461	Ⓞ
.05 -5 Seconds	Ⓞ	Ⓞ	T7K-00005-461	Ⓞ
.1-10 Seconds	Ⓞ	Ⓞ	T7K-00010-461	Ⓞ
.6-60 Seconds	Ⓞ	Ⓞ	T7K-00060-461	Ⓞ
3-300 Seconds	Ⓞ	Ⓞ	T7K-00300-461	Ⓞ
6-600 Seconds	Ⓞ	Ⓞ	T7K-00600-461	Ⓞ
36-3600 Seconds	Ⓞ	Ⓞ	T7K-03600-461	Ⓞ
180-18000 Seconds	Ⓞ	Ⓞ	T7K-18000-461	Ⓞ
360-36000 Seconds	Ⓞ	Ⓞ	T7K-36000-461	Ⓞ

Ⓞ Call For Availability