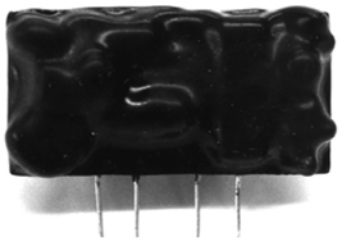


TIMING MODULE

FULLY SOLID STATE ENCAPSULATED PC MOUNTING
0.1 AMPERE LOAD RATING

E75633
PENDING

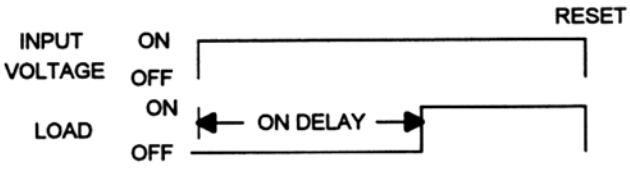
Series 6F1D - ON DELAY

CMOS DIGITAL CIRCUITRY

- **Life Expectancy –unlimited**
- **Environment Protected**
- **Tamper Proof**
- **No False Operate**
- **Small Size – 1 7/8"x 3/4" x .4"**
- **Lightweight – approximately 1.0 oz.**
- **Rugged**
- **Transient Protected**

A solid state switch turns the load ON at the end of a timed period and it remains in this condition until power is removed. Power must be applied continuously during the timing period and for as long as the load is to be energized. Removal or interruption of power at any time will cause the timer to reset. The next cycle can then be initiated by application of power.
Control the timing of valves, relays, magnetic line starters, and solenoids rated less than 0.1 ampere (1 amp inrush). CMOS digital circuitry, with solid state output switching. P/C boards and components are encapsulated in a flame retardant epoxy compound. The wires can be used as pig tails or trimmed to be inserted into a p/c board. Available in all standard voltages and frequencies. Fixed or adjustable timing from .1 seconds to ? hours.

TIMING DIAGRAM



SPECIFICATIONS

1. Repeat Accuracy: ± 0.25%
2. Combined Effect of Temperature and Voltage upon Repeat Accuracy: ±2%
3. Reset Time: 16 ms.
4. Operating Voltage Tolerance: ± 20%
5. Load Current: Steady State – 8 ma. Min., 100 milliamp Max.
6 Voltage Drop: 1.5V Typical at 100 milliamp
7. Leakage Current: 5 ma.
8. Dielectric Strength: 1500 VRMS
9. Insulation Resistance: 100 Megohms Min.
10. Input Transient Protected
11. Temperature Ambients: Operating -40°C to +70°C Storage -55°C to +70°C
12. Humidity-Operating: 95% Relative
13. Timing Tolerance: ±9% + Tolerance of Rt Std., ±5% Special (Fixed)
14. DC Polarity insensitive

HOW TO ORDER 6F1D – (T) (V) (P)

SERIES	(T) = TIME RANGE	(V)=VOLTAGE	(P) = OPTIONS
6F1D	P = 0.5 - 5 SEC. 1 = 0.1 - 10 SEC. L = 0.2 - 20 SEC. J = 0.3 - 30 SEC. Q = 0.5 - 50 SEC. M = 0.6 - 60 SEC. 2 = 1.0 - 100 SEC. K = 1.2 - 120 SEC. F = 1.8 - 180 SEC. E = 3.0 - 300 SEC.	1 = 12VDC 2 = 24VDC 3 = 48VDC 4 = 24VAC 5 = 120VAC 6 = 240VAC 7 = 110VDC	O - CUSTOMER SUPPLIES OWN POTENTIOMETER OR RESISTOR A - POTENTIOMETER SUPPLIED AS LOOSE PART *C - FACTORY FIXED INTERNAL ** For Fixed Time Specify The Value In Seconds*

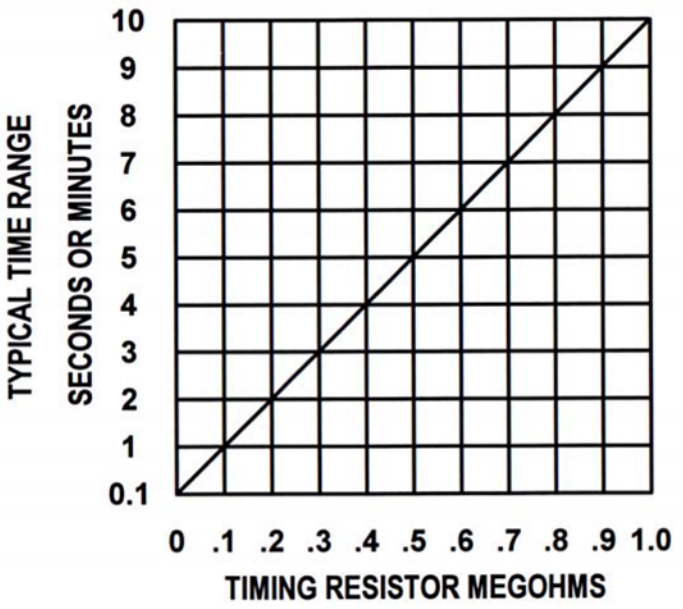
EXAMPLE P/N: 6F1D-22O This is an ON DELAY 0.1A Rated Solid State Timer with an adjustable 1-100 second DELAY and an INPUT VOLTAGE of 24 VDC. The timing adjustment potentiometer is supplied by the customer.

MADE IN USA

PRIME TECHNOLOGY

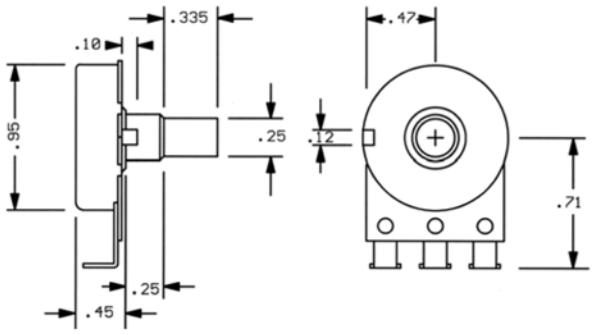
American Control Products / Precision Timer
a division of Prime Technology
344 Twin Lakes Road
North Branford, CT 06471
Telephone: (203) 481-5721
Fax: (203) 481-8937
Email: sales@primetechnology.com
www.primetechnology.com

CALIBRATION RESISTANCE VS TIME

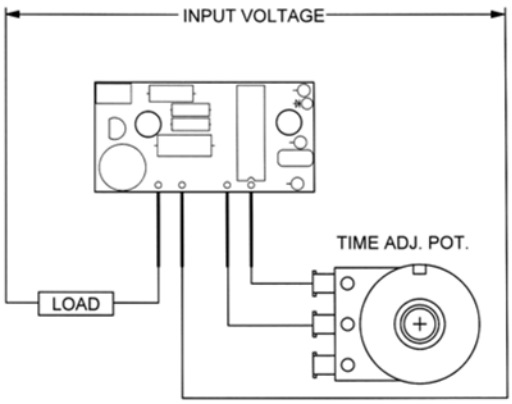


ACCESSORIES – AVAILABLE FROM STOCK

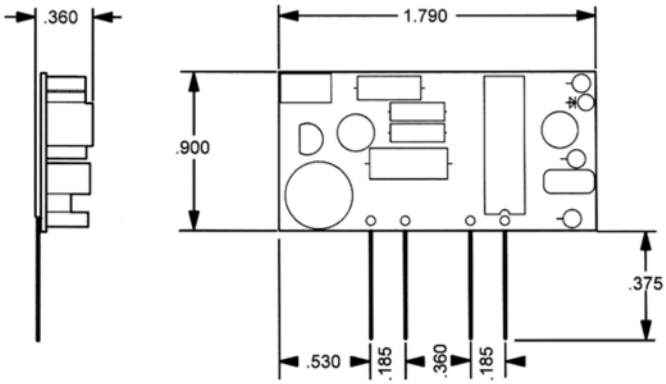
ORDER P/N: **PM – 1M 1 MEGOHM ± 20%**
PM – 100K 100 KOHM ± 20%



TYPICAL WIRING



OUTLINE DRAWING



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