

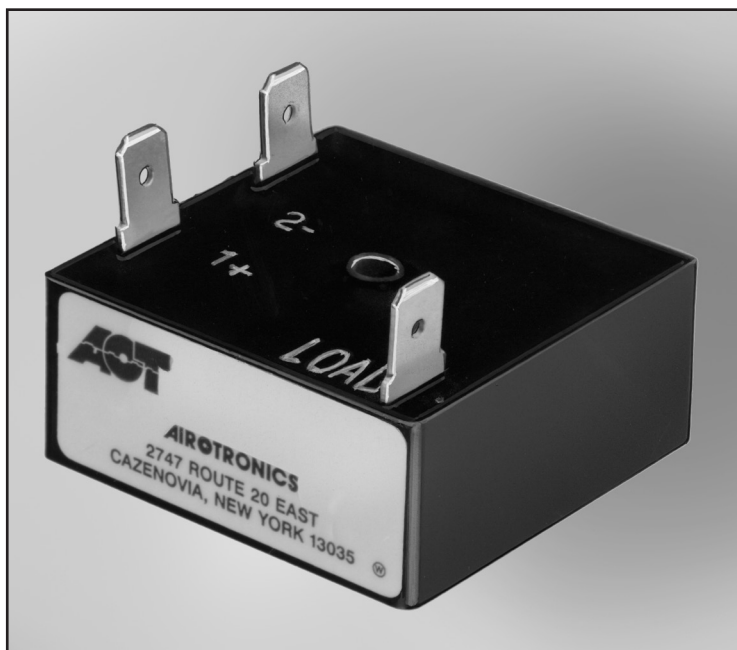
Timing Mode: **INTERVAL ON DELAY**

Category: **SOLID STATE TIMER**

Series: **TBL**



MINIATURE CUBE, SOLID STATE, DC VOLTAGE PELCO COMPONENT TECHNOLOGIES • 855 227 3526



TBL Miniature Timers

TBL timers are solid state output units with digital timing and come in a 1 5/8" square case. They are available for 8-40 VDC.

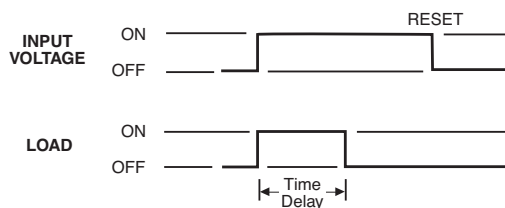
Ease of installation and hook-up is a primary design benefit. All models with integral time adjustment knob or factory-fixed time require only three connections.

Timing Mode

Application of input voltage to the timer energizes the load and starts the time delay.

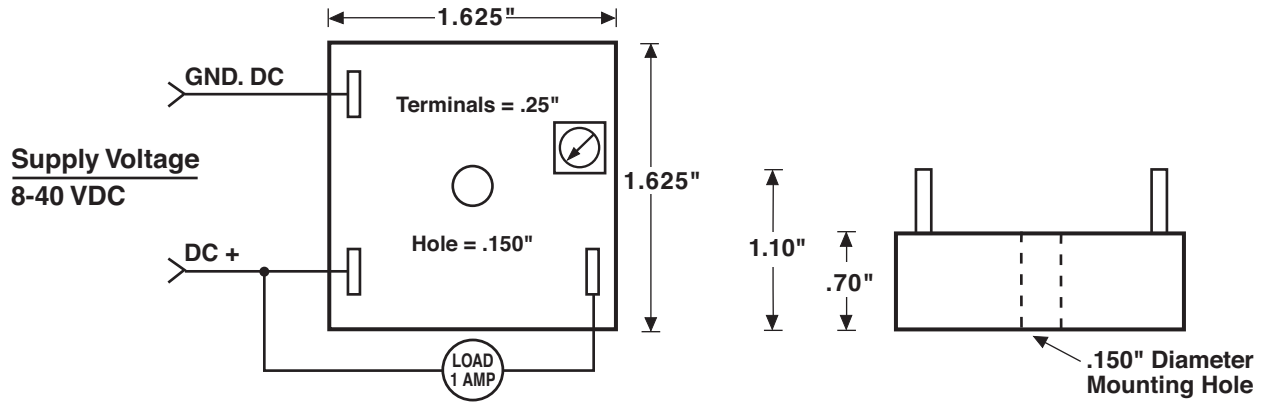
At the end of the time delay, the load is de-energized.

Removal and re-application of input voltage resets the timer.



FEATURES

- Digital timing, solid state MOSFET output
- 1 Amp current load handling
- 10 Amps 100 ms (millisecond) surge handling
- Wide DC voltage range
- ±0.1% Repeat accuracy
- Virtually unlimited time ranges
- Factory-fixed or variable timing adjustment
- Totally encapsulated for protection from harsh environments
- O-ring sealed exposed controls
- Single #6 screw mounting through center mounting hole
- Standard 6.35mm (0.25") quick connect blade terminals
- 100% Operational testing before shipping
- RoHS compliant



SPECIFICATIONS

Repeat Accuracy: $\pm 0.1\%$ under fixed conditions

Timing Ranges: 0.1 sec. to 24 hours (1 sec., 10 sec., 100 sec., and 1000 secs. are standard.)
Special time ranges available upon request

Reset/Recycle Time: 100 milliseconds

Tolerances: *Fixed:* $\pm 10\%$ of nominal time
(optional: $-\pm 5\%$, $\pm 1\%$)
Variable: -0% , $+15\%$
Limit: -10% at minimum time

Recycle Effect: None

Temperature Ranges:
Storage: -40°C to $+85^{\circ}\text{C}$
Operating: -25°C to $+65^{\circ}\text{C}$

Life Expectancy:
No predictable failure if used with operating parameters

Protection:
Polarity Protection: All DC units have reverse polarity protection
Transient Protection: 18 joules
Dielectric Strength: 1800V RMS 60Hz

Power Requirement: 0.25 watts max.

Weight: 3 oz. (85g) maximum

Solid State Output: SPST (N.C.)

Load Current: 1 amp continuous, 10 amps 100 ms surge

Time Cycle Interrupt: Resets timer to original state (Input Voltage Break)

OPTIONS SELECTION

Mode of Operation	Series	Input Voltage	Examples of Time Ranges	Time Adjustment Method
Interval On Delay	TBL	4 8-40 VDC	VARIABLE TIME PERIODS	A Variable integral, knob on timer C Fixed, internal, factory set
			0001 0.1 to 1 sec. 0010 0.1 to 10 sec. 0100 1 to 100 sec. 1000 10 to 1000 sec. Any range up to 24 hours available on special order.	
			FIXED TIME PERIODS	
			Specify in seconds (S) or hours (H) Examples: 400S is 400 seconds 05H5 is 5.5 hours	

EXAMPLE TBL 4 0100 S C This is a "TB" series timer, Interval on Delay, 24 volt DC, 100 second fixed internal, factory-set time period.
Specifications subject to change without notice.