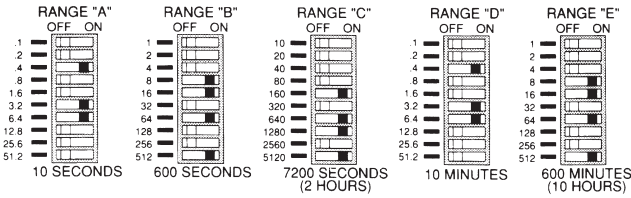


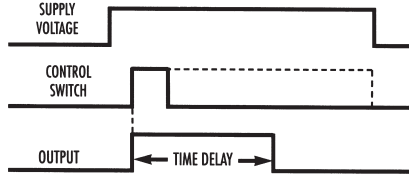
## OPERATION

Supply voltage is continuously applied to the input. An external control isolated switch between pins 5 and 6 initiates the time delay. When closed (momentary or maintained), the relay energizes and the delay period begins. Upon completion of the delay period, the relay de-energizes. NOTE: The TBE Series is available in an 8-pin SPDT and an 11-pin

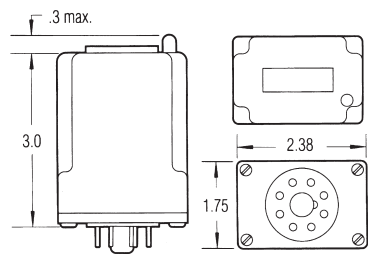
## DIP SWITCH OPERATION



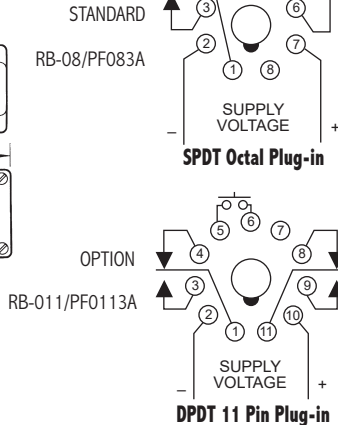
Digital selection of the time delay is accomplished by the use of ten (10) binary switches, each marked with a time increment. The time periods, of which there are five (5) ranges, represented by each switch in the ON position is added together to obtain the desired time delay.



## DIMENSIONS



## WIRING



## MODEL NUMBER

<b>MODEL NUMBER</b>	TBE				A	
<b>CONTROL VOLTAGE</b>						
12 Volts DC	12	D				
24 Volts AC/DC	24	A				
48 Volts DC	48	D				
120 Volts AC/DC	120	A				
240 Volts AC	240	A				
<b>TIME DELAY RANGE</b>						
0.1 to 102.3 SEC in 0.1 SEC Increments			A			
1.0 to 1,023 SEC in 1.0 SEC Increments			B			
10 to 10,230 SEC in 10 SEC Increments			C			
0.1 to 102.3 MIN in 0.1 MIN Increments			D			
1.0 to 1,023 MIN in 1.0 MIN Increments			E			
<b>HOUSING</b>					A	
<b>OPTION</b>						D
DPDT, 5 Amps @ 120 VAC, 11-Pin						

CAUS  
E55826



Single Shot DIP Switch TDR

## SPECIFICATIONS

### TIME DELAY RANGE

A	0.1 to 102.3 SEC in 0.1 SEC Increments
B	1.0 to 1,023 SEC in 1.0 SEC Increments
C	10 to 10,230 SEC in 10 SEC Increments
D	0.1 to 102.3 MIN in 0.1 MIN Increments
E	1.0 to 1,023 MIN in 1.0 MIN Increments

<b>OUTPUT RATING</b>	SPDT 10 A @ 250 VAC or 24 VDC, resistive
	DPDT 5 A @ 240 VAC

<b>ACCURACY</b>	Setting $\pm 2\%$ or $\pm 50$ mSEC; whichever is greater
	Repeat $\pm 0.1\%$ or $\pm 8.3$ mSEC; whichever is greater

<b>RESET TIMES</b>	Before Time Out 100 mSEC
	After Time Out 50 mSEC

<b>SUPPLY VOLTAGE</b>	12, 24, 48, 120 or 240 VAC, 50/60 Hz; or DC; $\pm 10\%$
-----------------------	---

<b>FALSE TRANSFER</b>	No
-----------------------	----

<b>REVERSE POLARITY PROTECTED</b>	Yes
-----------------------------------	-----

<b>POWER REQUIRED</b>	3 VA, approximately
-----------------------	---------------------

<b>DUTY CYCLE</b>	Continuous
-------------------	------------

<b>TEMPERATURE RATING</b>	Operate 32° to 131°F (0° to +55°C)
	Storage -49° to 185°F (-45° to +85°C)

<b>LIFE EXPECTANCY</b>	Mechanical 10 million operations, minimum
	Electrical 100,000 Operations @ rated load

<b>INDICATORS</b>	LED glows when relay is energized.
-------------------	------------------------------------

<b>ISOLATION</b>	1,500 volts, input/output
------------------	---------------------------

<b>WEIGHT</b>	0.4 lbs.
---------------	----------