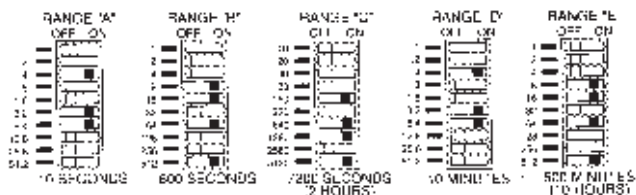
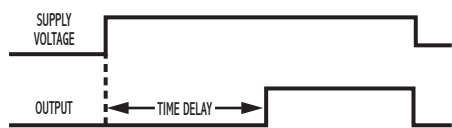


The time delay begins when supply voltage is applied to the input. Upon completion of the delay period, the relay energizes. Reset during or after the delay period is accomplished by removal of the supply voltage. The TBC Series will not false transfer if supply voltage is removed prior to completion of the delay period. A fast recycle time permits accurate, high speed, continuous operation.

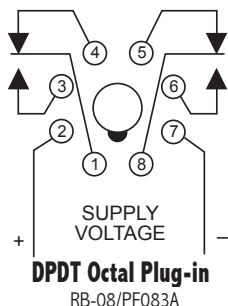
### DIP SWITCH OPERATION



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. No more trial-by-error adjustments.



### WIRING



### MODEL NUMBER

MODEL NUMBER	TBC				A
<b>CONTROL VOLTAGE</b>					
12 VDC	12	D			
24 VAC/DC	24	A			
48 VDC	48	D			
120 VAC/DC	120	A			
240 VAC	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

CAUS  
E55826



### On-Delay DIP Switch TDR

### SPECIFICATIONS

<b>TIME DELAY RANGE</b>	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

**OUTPUT RATING** 10 A @ 250 VAC or 24 VDC, resistive

**ACCURACY** Setting  $\pm 2\%$  or  $\pm 50$  mSEC; whichever is greater  
Repeat  $\pm 0.1\%$  or  $\pm 8.3$  mSEC; whichever is greater

**RESET TIMES** Before Time Out 100 mSEC  
After Time Out 50 mSEC

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

**FALSE TRANSFER** No

**REVERSE POLARITY PROTECTED** Yes

**POWER REQUIRED** 3 VA, approximately

**DUTY CYCLE** Continuous

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

**LIFE EXPECTANCY** Mechanical 10 million operations, minimum  
Electrical 100,000 operations @ rated load

**INDICATORS** LED glows when relay is energized

**ISOLATION** 1,500 volts, input/output

**WEIGHT** 0.35 lbs.

### DIMENSIONS (INCHES)

