

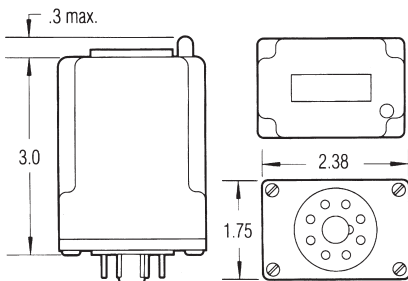


*Interval DIP Switch TDR*

**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 |
| <b>OUTPUT RATING</b>      | 10 A @ 250 VAC or 24 VDC, resistive  |  |
| <b>ACCURACY</b>           | Setting $\pm 2\%$ or $\pm 50$ mSEC; whichever is greater<br>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</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>             | 0.35 lbs.  |  |

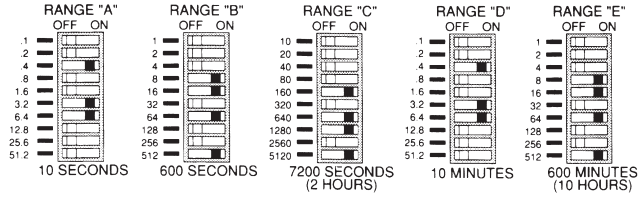
**DIMENSIONS (INCHES)**



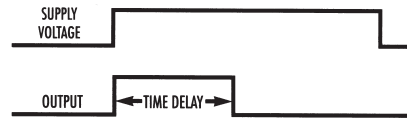
**OPERATION**

When supply voltage is applied to the input terminals, the relay energizes and the time delay begins. Upon completion of the delay period, the relay de-energizes. Reset occurs on power removal during or after the time delay relay.

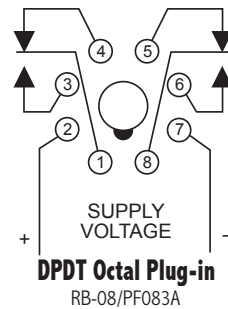
**DIP SWITCH OPERATION**



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**

|  |     |     |   |  |   |
|--|-----|-----|---|--|---|
| <b>MODEL NUMBER</b>                    | TBB |     |   |  | 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 |