

Flasher DIP Switch TDR

## SPECIFICATIONS

TIME DELAY RANGE

|  | A 0.1 to 102.3 SEC in 0.1 SEC Increments <br> B 1.0 to 1,023 SEC in 1.0 SEC Increments <br> C 10 to 10,230 SEC in 10 SEC Increments <br> D 0.1 to 102.3 MIN in 0.1 MIN Increments <br> E 1.0 to 1,023 MIN in 1.0 MIN Increments <br> OUTPUT $10 \mathrm{~A} @ 250$ VAC or 24 VDC, resistive <br> RATING  |
| :--- | :--- |

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

| RESET TIMES | Before Time Out 100 mSEC |
| :--- | :--- | :--- |
|  | After Time Out $\quad 50 \mathrm{mSEC}$ |
| SUPPLY | $12,24,48,120$ or 240 VAC, |
| VOLTAGE | $50 / 60 \mathrm{~Hz}$; or DC; $\pm 10 \%$ |

FALSE TRANSFER No

| REVERSE | Yes |
| :--- | :--- |
| POLARITY |  |
| PROTECTED |  |
| POWER | 3 VA, approximately |
| REQUIRED |  |


| DUTY CYCLE | Continuous |  |
| :--- | :--- | :---: |
| TEMPERATURE | Operate $32^{\circ}$ to $131^{\circ} \mathrm{F}\left(0^{\circ}\right.$ to $\left.+55^{\circ} \mathrm{C}\right)$ |  |
| RATING | Storage $-49^{\circ}$ to $185^{\circ} \mathrm{F}\left(-45^{\circ}\right.$ to $\left.+85^{\circ} \mathrm{C}\right)$ |  |
| LIFE | Mechanical 10 million operations, minimum |  |
| EXPECTANCY | Electrical100,000 Operations @ rated |  |


| INDICATORS | LED glows when relay is energized. |
| :--- | :--- |
| ISOLATION | 1,500 volts, input/output |
| WEIGHT | 0.35 lbs. |

## OPERATION

When supply voltage is applied to the input, the OFF time (T1) begins. Upon completion of the OFF time, the relay energizes and the ON time (T2) begins. Upon completion of the ON time, the relay de-energizes and one cycle is complete. This OFF/ON cycling continues until supply voltage is removed from the input. The OFF time always equals the ON time.

## DIP SWITCH OPERATION


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[^0]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


## WIRING

DIMENSIONS


MODEL NUMBER

| MODEL NUMBER TBL |  |  |  | A |
| :---: | :---: | :---: | :---: | :---: |
| CONTROL VOLTAGE |  |  |  |  |
| 24 VAC/DC | 24 | A |  |  |
| 48 VDC | 48 | D |  |  |
| 120 VAC/DC | 120 | A |  |  |
| 240 VAC | 240 | A |  |  |
| TIME DELAY RANGE |  |  |  |  |
| 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 |  |
| HOUSING |  |  |  | A |


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