



### Flasher Relay Output

## SPECIFICATIONS

### TIMING RANGES

Virtually unlimited. See page 76 for standard ranges available.

**OUTPUT RATING** DPDT, 10 A @ 250 VAC or 24 VDC, resistive;  
211 VA @ 120 VAC, inductive

**DUTY CYCLE** 50%

**SUPPLY VOLTAGE** 24 or 120 VAC or VDC, 50/60 Hz; ±10%

**FALSE TRANSFER** No

**REVERSE POLARITY PROTECTED** Yes

**POWER CONSUMPTION** 3 watts (approximately)

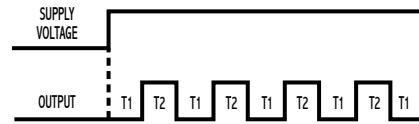
**TEMPERATURE RATING** Operate 32° to 131°F (0° to +55°C)  
Storage -49° to 185°F (-45° to +85°C)

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

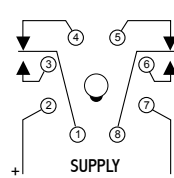
**WEIGHT** 5.6 oz.

## OPERATION

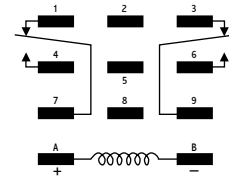
When power is applied to the input, the OFF time begins. Upon completion of the OFF time, the relay energizes and the ON time begins. Upon completion of the ON time, the relay de-energizes and one cycle is complete. This OFF/ON cycling continues until the voltage is removed from the input. THE OFF TIME ALWAYS EQUALS THE ON TIME.



## WIRING

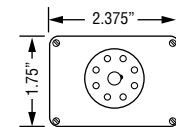
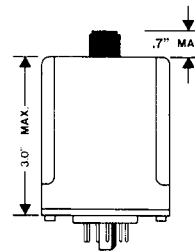


DPDT Octal Plug-in  
RB-08/PF083A



DPDT Blade Plug-in  
70-463-1

## DIMENSIONS (INCHES)



Octal Pin Plug-in

## MODEL NUMBER

MODEL NUMBER	TDL		A			
<b>SUPPLY VOLTAGE</b>						
24 VAC or DC		24				
110/120 VAC or DC		120				
<b>TYPE OF OPERATION</b>						
Knob Adjustable			K			
Lock Nut Adjustable			L			
Fixed			F			
<b>ENCLOSURE STYLE</b>						
8-pin octal plug-in					A	
Blade plug-in					B	
<b>DELAY PERIOD</b>						
See page 74 for standard ranges available						

Example: TDL-120-ALA-300—Flasher, 120 Volts AC or DC, lock nut adjustable from 3 to 300 seconds, 8-pin octal plug-in, UL recognized.