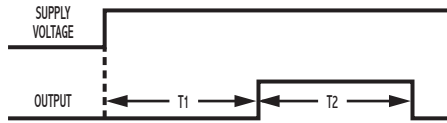


## OPERATION

Application of voltage to the input of the timer initiates the OFF time. 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 the cycle is complete. Reset during or after the time periods is accomplished by removal of the input voltage. The OFF/ON time periods are independently adjustable.

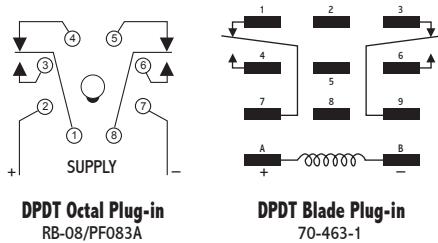


**CALUS**  
E55826

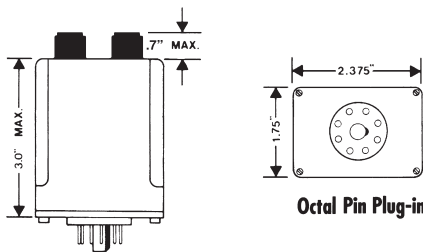


## Delayed Interval Relay Output

## WIRING



## DIMENSIONS (INCHES)



## MODEL NUMBER

MODEL NUMBER	TDH		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 82 for standard ranges available						

Example: TDH-120-ALA-300—Delayed interval, 120 Volts AC or DC, both delays are independently adjustable from 3 to 300 seconds, 8-pin octal plug-in, UL Recognized.

## SPECIFICATIONS

### TIMING RANGES

Virtually unlimited. See page 77 for standard ranges available.

<b>OUTPUT</b>	DPDT, 10 A @ 250 VAC or 24 VDC, resistive;
<b>RATING</b>	211 VA @ 120 VAC, inductive

<b>TIMING</b>	Minimum Setting	+0 – 20%
<b>TOLERANCES</b>	Maximum Setting	±10%;

**REPEATABILITY** 1% maximum; no first cycle effect

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

**RECYCLE TIME** 40 mSEC

**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** Operate 32° to 131°F (0° to +55°C)

**RATING** Storage -49° to 185°F (-45° to +85°C)

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

**WEIGHT** 6.4 oz.

# Mouser Electronics

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