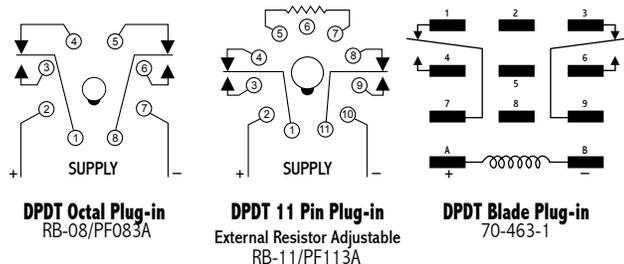


**OPERATION**

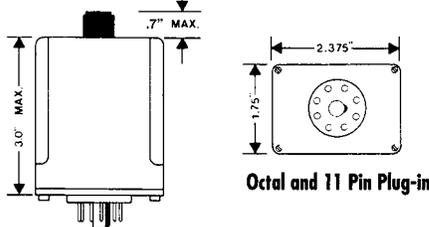
When voltage is applied to the input terminals, the relay energizes and the time delay begins. Upon completion of the delay period, the relay de-energizes. Reset during or after the delay period is accomplished by removal of the input voltage.



**WIRING**



**DIMENSIONS (INCHES)**



**MODEL NUMBER**

<b>MODEL NUMBER</b>	T		*B		A			
<b>SERIES</b>								
Relay Output	D							
Relay Output with CSA	U*							
<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				
External Resistor Adjustable				R**				
<b>ENCLOSURE STYLE</b>								
8 or 11-pin Round Plug-in					A			
Blade Plug-in					B			
<b>DELAY PERIOD</b>								
See page 74 for standard ranges available								

Example: TUB-120-AKA-900—Interval on operate, 120 Volts AC or DC, knob adjustable from 9 to 900 seconds, 8-pin octal plug-in, UL recognized and CSA approved.

Notes:\* The TUB series is offered in 120 Volts, style A enclosure only with optional types of operation “K”, “L”, or “F” CSA certified, File # LR40123\*\*

TDB models using the “R” option are not UL Recognized. The “R” option is not offered in the TUB series or the style B enclosure. TDB models using “F”, “K”, or “L” options and in the 8-pin octal plug is only available in 24-volts.



*Interval 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

**TIMING** Minimum Setting +0–20%

**TOLERANCES** Maximum Setting ±10%;

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

**RESET TIMES** 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%  
(TUB Series available in 120 Volts only)

**FALSE TRANSFER** No

**REVERSE POLARITY PROTECTED** Yes

**POWER CONSUMPTION** 3 watts (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

**WEIGHT** 5 oz.