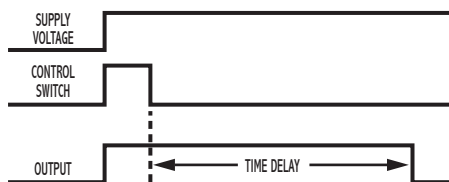
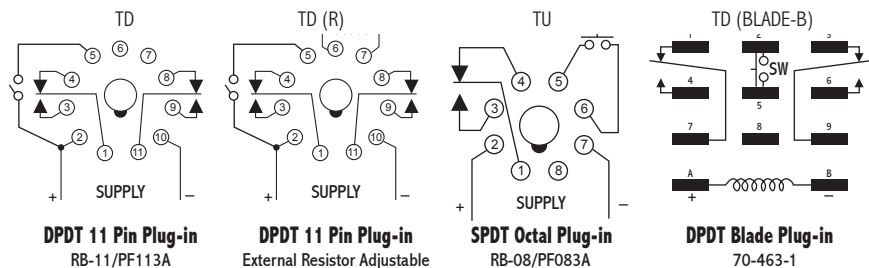


**OPERATION**

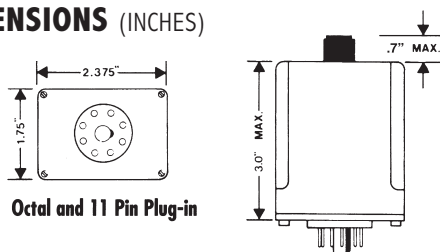
Voltage is continuously applied to the input. An external isolated switch controls the timer. When closed, the relay energizes. Opening the switch initiates the delay period. Upon completion of the delay period, the relay de-energizes. If the control switch recloses during the delay period, the relay remains energized and the timer resets to zero.



**WIRING**



**DIMENSIONS (INCHES)**



**MODEL NUMBER**

<b>MODEL NUMBER</b>	T		D		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		
Non-UL 12-pin DIP Plug-in						C		

**DELAY PERIOD**

See page 77 for standard ranges available

Example: TDD-120-AKA-600—Delay on Release, 120 Volts AC or DC, knob adjustable from 6 to 600 seconds, 11-pin octal plug-in, UL Recognized.

Notes:\* The TUD series is offered in 120 Volts, octal plug-in style A enclosure only with optional types of operation “K”, “L”, or “F” CSA certified: File #LR40123\*\* and UL Recognized.

TDD’s using the “R” option are not UL Recognized. The “R” option is NOT offered in the TUD series or the style B enclosure.



Off-Delay Relay Output

**SPECIFICATIONS**

**TIMING RANGES**

Virtually unlimited. See page 77 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%  
(TUD 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** 6 oz.