



## Single-Shot 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%  
(TUE 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)

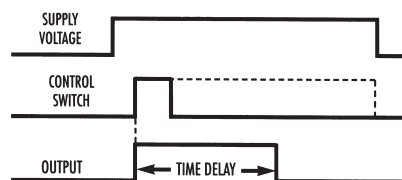
**LIFE EXPECTANCY** Mechanical 10 million operations  
(minimum)  
Electrical 100,000 operations  
@ rated load

**WEIGHT** 4.5 oz.

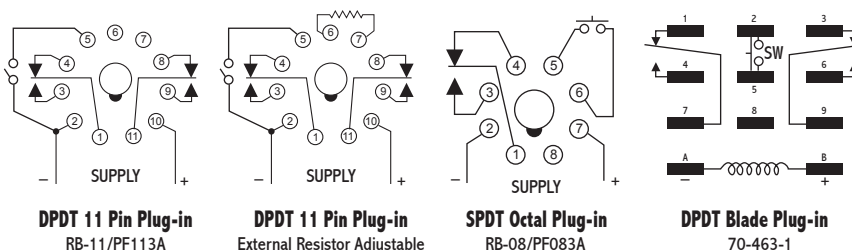
For UL/CSA Approved version specify TUE Series of On-Delay Relay Output Timers.

### OPERATION

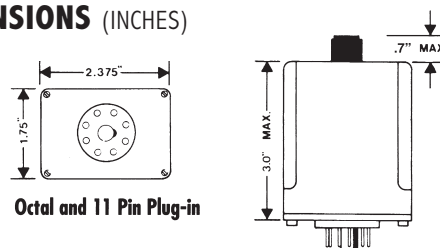
Voltage is continuously applied to the input. An external isolated switch controls the timer. When closed (momentary or maintained), the relay energizes and the delay period begins. Upon completion of the delay period, the relay de-energizes.



### WIRING



### DIMENSIONS (INCHES)



### MODEL NUMBER

MODEL NUMBER	T	E	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-pin or 11-pin Round Plug-in						A	
Blade Plug-in						B	
<b>DELAY PERIOD</b>							
See page 82 for standard ranges available							

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

Notes:\* The TUE series is offered in 120 Volts, octal plug-in (figure 23) style A enclosure only with optional types of operation "K", "L", or "F" CSA certified: File #LR40123

\*\*TDE's using the "R" option are not UL Recognized. The "R" option is NOT offered in the TUE series or the style B enclosure.

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