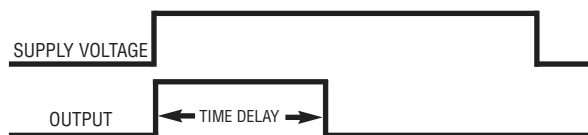
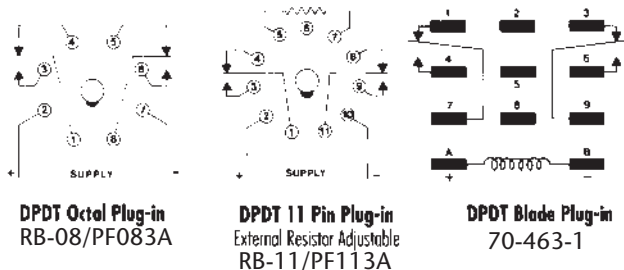


OPERATION

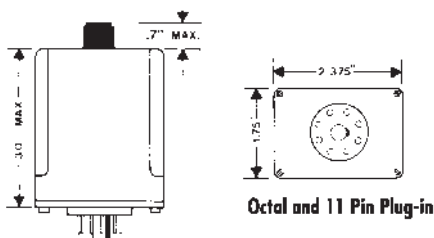
When voltage is applied to the input terminals, the relay energizes and the time delay begins. Upon completion of the delay period, the relay de-energizes. Reset during or after the delay period is accomplished by removal of the input voltage.



WIRING



DIMENSIONS (INCHES)



MODEL NUMBER >>>>>	T	B	A			
Series						
Relay output	D					
Relay Output with CSA	U*					
Supply Voltage						
24 Volts AC or DC		24				
110/120 Volts AC or DC		120				
Type of Operation						
Knob Adjustable	K					
Lock Nut Adjustable	L					
Fixed	F					
External Resistor Adjustable	R**					
Enclosure Style						
8 or 11-pin octal plug-in			A			
Blade plug-in			B			
Time Delay Period						
See page 84 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

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 84 for standard ranges available.	
OUTPUT RATING	DPDT, 10 A @ 250 VAC or 24 VDC, resistive; 211 VA @ 120 VAC, inductive	
TIMING TOLERANCES	Minimum Setting	+0-20%
	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.	