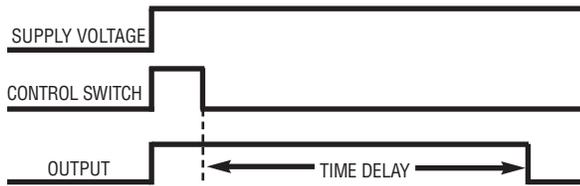
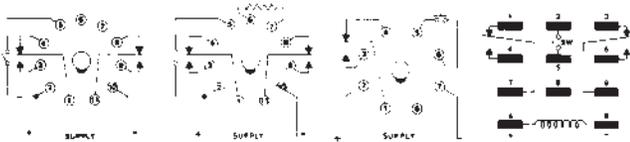


OPERATION

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.

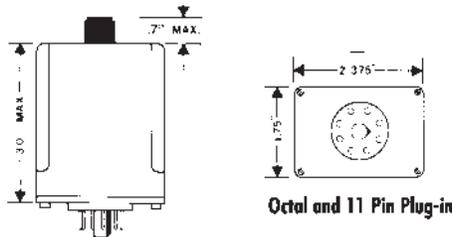


WIRING



DPDT 11 Pin Plug-in RB-11/PF113A
 DPDT 11 Pin Plug-in External Resistor Adjustable RB-11/PF113A
 SPDT Octal Plug-in RB-08/PF083A
 DPDT Blade Plug-in 70-463-1

DIMENSIONS (INCHES)



Octal and 11 Pin Plug-in

MODEL NUMBER >>>>>	T	D	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		
Delay Period			
See page 84 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 (figure 17) style A enclosure only with optional types of operation K, L, or F. CSA certified: File #LR40123
 ** 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 84 for standard ranges available.	
OUTPUT RATING	DPDT	10 A @ 250 VAC or 24 VDC, resistive; 211 VA @ 120 VAC, inductive
	SPDT	10 A @ 120 VAC, 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%	
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.	