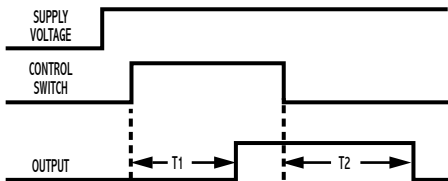


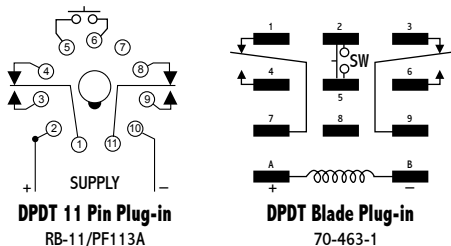
OPERATION

Voltage is continuously applied to the input. An external isolated switch controls the timer. When closed, the ON delay (T1) begins. Upon completion, the relay energizes. When the switch opens, the OFF delay (T2) begins. Upon completion, the relay de-energizes and the cycle is complete. Reset is accomplished by reclosing the control switch after the timing cycle has completed. If the switch opens during the ON delay mode, the relay will remain de-energized and (T1) will reset. If the switch is reclosed during the OFF delay mode, the relay will remain energized and (T2) will reset. Both delay periods are independently adjustable.

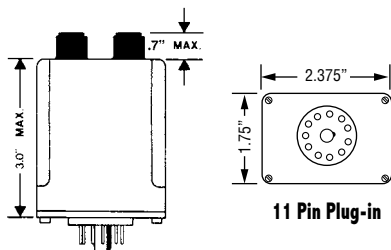


ON-Delay/OFF-Delay Relay Output

WIRING



DIMENSIONS (INCHES)



MODEL NUMBER

MODEL NUMBER	TDJ		A			
SUPPLY VOLTAGE						
24 VAC or DC		24				
110/120 VAC or DC		120				
TYPE OF OPERATION						
Knob Adjustable				K		
Lock Nut Adjustable				L		
Fixed				F		
ENCLOSURE STYLE						
11-pin Round Plug-in					A	
Blade Plug-in					B	
DELAY PERIOD	See page 74 for standard ranges available					

Example: TDJ-120-ALA-300—Delay on Operate/Delay on Release, 120 Volts AC or DC, lock nut adjustable from 3 to 300 seconds, 11-pin octal plug-in, UL recognized.

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%

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 6.4 oz.