



## Repeat Cycle—ON Time First Relay Output

### SPECIFICATIONS

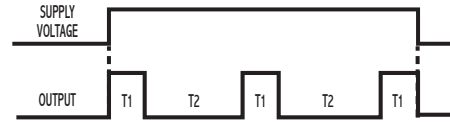
#### TIMING RANGES

Virtually unlimited. See page 77 for standard ranges available.

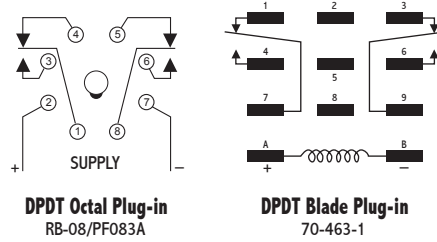
<b>OUTPUT RATING</b>	DPDT, 10 A @ 250 VAC or 24 VDC, resistive; 211 VA @ 120 VAC, inductive	
<b>TIMING</b>	Minimum Setting	+0 – 20%
<b>TOLERANCES</b>	Maximum Setting	±10%;
<b>REPEATABILITY</b>	1% maximum; no first cycle effect	
<b>RESET TIMES</b>	Before Time Out	100 mSEC
	After Time Out	50 mSEC
<b>RECYCLE TIME</b>	40 mSEC	
<b>SUPPLY VOLTAGE</b>	24 or 120 VAC or VDC, 50/60 Hz; ±10%	
<b>FALSE TRANSFER</b>	No	
<b>REVERSE POLARITY PROTECTED</b>	Yes	
<b>POWER CONSUMPTION</b>	3 watts (approximately)	
<b>DUTY CYCLE</b>	Continuous	
<b>TEMPERATURE RATING</b>	Operate	32° to 131°F (0° to +55°C)
	Storage	-49° to 185°F (-45° to +85°C)
<b>LIFE EXPECTANCY</b>	Mechanical	10 million operations (minimum)
	Electrical	100,000 operations @ rated load
<b>WEIGHT</b>	6.4 oz.	

### OPERATION

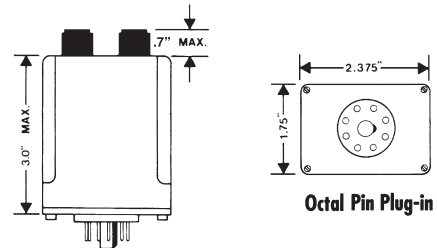
Application of voltage to the input of the timer energizes the relay and initiates the ON time. Upon completion of the ON time, the relay de-energizes and the OFF time begins. Upon completion of the OFF time, the relay energizes and one cycle is completed. This ON/OFF cycling continues until voltage is removed from the input. The ON/OFF time periods are independently adjustable.



### WIRING



### DIMENSIONS (INCHES)



### MODEL NUMBER

<b>MODEL NUMBER</b>	TDG		A			
<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			
<b>ENCLOSURE STYLE</b>	8-pin octal plug-in				A	
	Blade plug-in				B	
<b>DELAY PERIOD</b>	See page 77 for standard ranges available					

Example: TDG-120-AKA-300 - Repeat cycle , On time first, 120 Volts AC or DC, Knob adjustable, both delays independently adjustable from 3 seconds to 300 seconds, 8 pin octal plug-in.