



Repeat Cycle—ON Time First 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%

FALSE TRANSFER No

REVERSE POLARITY PROTECTED Yes

POWER CONSUMPTION 3 watts (approximately)

DUTY CYCLE Continuous

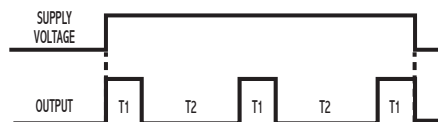
TEMPERATURE RATING Operate 32° to 131°F (0° to +55°C)
Storage -49° to 185°F (-45° to +85°C)

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

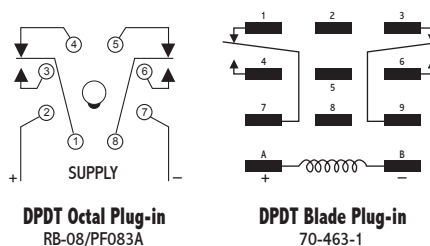
WEIGHT 6.4 oz.

OPERATION

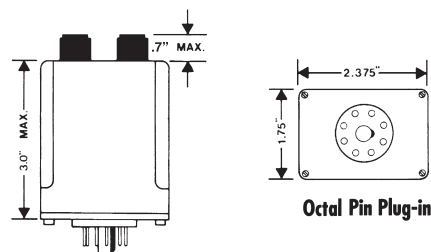
Application of voltage to the input of the timer energizes the relay and initiates the ON time. Upon completion of the ON time, the relay de-energizes and the OFF time begins. Upon completion of the OFF time, the relay energizes and one cycle is completed. This ON/OFF cycling continues until voltage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



WIRING



DIMENSIONS (INCHES)



MODEL NUMBER

MODEL NUMBER	TDG		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	8-pin octal plug-in			A		
	Blade plug-in			B		
DELAY PERIOD	See page 82 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.

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