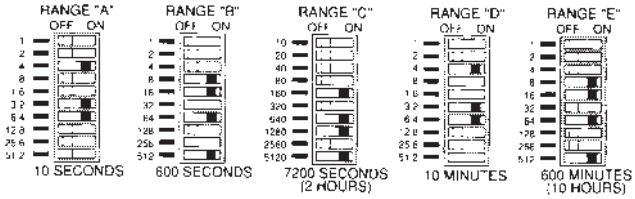
Repeat Cycle–OFF Timer First DIP Switch TDR

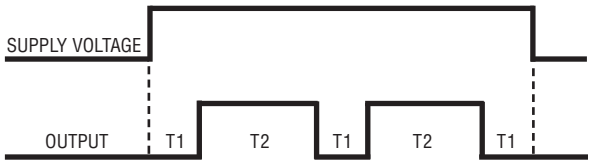
OPERATION

When supply voltage is applied to the input, the OFF time (T1) begins. Upon completion of the OFF time, the relay energizes and the ON time (T2) begins. Upon completion of the ON time, the relay de-energizes and one cycle is complete. This OFF/ON cycling continues until supply voltage is removed from the input. The OFF/ON time periods are independently selectable within the same range.

DIP SWITCH OPERATION

Digital selection of the time delay is accomplished by the use of ten (10) binary switches, each marked with a time increment. The time periods, of which there are five (5) ranges, represented by each switch in the ON position is added together to obtain the desired time delay. No more trial-by-error adjustments.

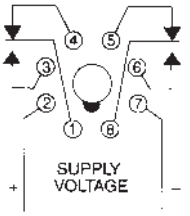




SPECIFICATIONS

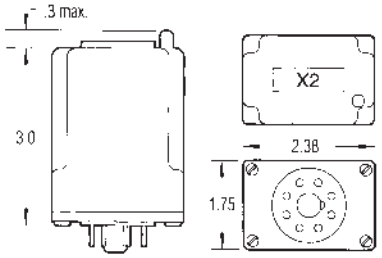
TIME DELAY RANGE	A	0.1 to 102.3 SEC in 0.1 SEC Increments
	B	1.0 to 1,023 SEC in 1.0 SEC Increments
	C	10 to 10,230 SEC in 10 SEC Increments
	D	0.1 to 102.3 MIN in 0.1 MIN Increments
	E	1.0 top 1,023 MIN in 1.0 MIN Increments
OUTPUT RATING	10 A @ 250 VAC or 24 VDC, resistive	
ACCURACY	Setting	±2% or ±50 mSEC; whichever is greater
	Repeat	±0.1% or ±8.3 mSEC; whichever is greater
RESET TIMES	Before Time Out	100 mSEC
	After Time Out	50 mSEC
SUPPLY VOLTAGE	12, 24, 48, 120 or 240 VAC, 50/60 Hz; or DC; ±10%	
FALSE TRANSFER	No	
REVERSE POLARITY PROTECTED	Yes	
POWER REQUIRED	3 VA, 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
INDICATORS	LED glows when relay is energized	
ISOLATION	1,500 volts, input/output	
WEIGHT	0.4 lbs.	

WIRING



DPDT Octal Plug-in
RB-08/PF083A

DIMENSIONS (INCHES)



MODEL NUMBER >>>>>>	TBF			A
Control Voltage				
12 Volts DC	12	D		
24 Volts AC/DC	24	A		
48 Volts DC	48	D		
120 Volts AC/DC	120	A		
240 Volts AC	240	A		
Time Delay Range				
0.1 to 102.3 SEC in 0.1 SEC Increments			A	
1.0 to 1,023 SEC in 1.0 SEC Increments			B	
10 to 10,230 SEC in 10 SEC Increments			C	
0.1 to 102.3 MIN in 0.1 MIN Increments			D	
1.0 to 1,023 MIN in 1.0 MIN Increments			E	