

Off-Delay DIP Switch TDR

SPECIFICATIONS

TIME DELAY RANGE

TIME DELAY RA	ANGE					
Α	0.1 to 102.3 SEC in 0.1 SEC Increments					
В	1.0 to 1,023 SEC in 1.0 SEC Increments					
С	10 to 10,230 SEC in 10 SEC Increments					
D	0.1 to 102.3 MIN in 0.1 MIN Increments					
E	1.0 to 1,023 MIN in 1.0 MIN Increments					
OUTPUT	SPDT 10 A @ 250 VAC or 24 VDC, resistive					
RATING	PDT 5 A @ 240 VAC					
	Setting ±2% or ±50 mSEC; whichever is					
	greater 10.1% 10.2 CFG 1:1					
	Repeat ±0.1% or ±8.3 mSEC; whichever					
	is greater					
RESET TIMES	Before Time Out 100 mSEC					
	After Time Out 50 mSEC					
SUPPLY	12, 24, 48, 120 or 240 VAC,					
VOLTAGE	50/60 Hz; or DC; ±10%					
FALSE TRANSFI	ER No					
DEVEDCE	Yes					
REVERSE	103					
POLARITY						
POLARITY	3 VA, approximately					
POLARITY PROTECTED						
POLARITY PROTECTED POWER						
POLARITY PROTECTED POWER REQUIRED	3 VA, approximately Continuous					
POLARITY PROTECTED POWER REQUIRED DUTY CYCLE	3 VA, approximately Continuous					
POLARITY PROTECTED POWER REQUIRED DUTY CYCLE TEMPERATURE	3 VA, approximately Continuous Operate 32° to 131°F (0° to +55°C)					
POLARITY PROTECTED POWER REQUIRED DUTY CYCLE TEMPERATURE RATING	3 VA, approximately Continuous Operate 32° to 131°F (0° to +55°C) Storage -49° to 185°F (-45° to +85°C)					
POLARITY PROTECTED POWER REQUIRED DUTY CYCLE TEMPERATURE RATING LIFE	3 VA, approximately Continuous Operate 32° to 131°F (0° to +55°C) Storage -49° to 185°F (-45° to +85°C) Mechanical 10 million operations, minimum					
POLARITY PROTECTED POWER REQUIRED DUTY CYCLE TEMPERATURE RATING LIFE	3 VA, approximately Continuous Operate 32° to 131°F (0° to +55°C) Storage -49° to 185°F (-45° to +85°C) Mechanical 10 million operations, minimum Electrical 100,000 Operations @ rated					

0.4 lbs.

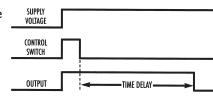
OPERATION

Supply voltage is continuously applied to the input. An external isolated switch between pins 5 and 6 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. NOTE: The TBD Series is available in an 8-pin SPDT and an 11-pin DPDT configuration.

DIP SWITCH OPERATION



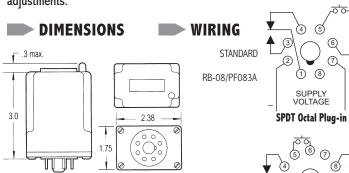
Digital selection of the time delay is accomplished by the use of ten (10) binary switches, each marked with a time increment. The time periods, of which there are



OPTION

RB-011/PF0113A

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.



DPDT 11 Pin Plug-in

MODEL NUMBER

MODEL NUMBER TBD				A	
CONTROL VOLTAGE					
12 Volts DC	12	D			
24 Volts AC/DC	24	Α			
48 Volts DC	48	D			
120 Volts AC/DC	120	Α			
240 Volts AC	240	Α			
TIME DELAY RANGE					
0.1 to 102.3 SEC in 0.1 SEC Increments					
1.0 to 1,023 SEC in 1.0 SEC Increments					
10 to 10,230 SEC in 10 SEC Increments					
0.1 to 102.3 MIN in 0.1 MIN Increments					
1.0 to 1,023 MIN in 1.0 MIN Increments E					
HOUSING					
OPTION					
DPDT, 5 Amps @120 VAC,11-Pin					D

WEIGHT