The time delay begins when supply voltage is applied to the input. Upon completion of the delay period, the relay energizes. Reset during or after the delay period is accomplished by removal of the supply voltage. The TBC Series will not false transfer if supply voltage is removed prior to completion of the delay period. A fast recycle time permits accurate, high speed, continuous operation.

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.



MODEL NUMBER

MODEL NUMBER	TBC				Α
CONTROL VOLTAGE					
12 VDC		12	D		
24 VAC/DC		24	A		
48 VDC		48	D		
120 VAC/DC		120	A		
240 VAC		240	A		
TIME DELAY RANGE					
0.1 to 102.3 SEC in					
0.1 SEC Increments	Α				
1.0 to 1,023 SEC in					
1.0 SEC Increments	В				
10 to 10,230 SEC in					
10 SEC Increments	С				
0.1 to 102.3 MIN in					
0.1 MIN Increments	D				
1.0 to 1,023 MIN in					
1.0 MIN Increments				Е	
HOUSING					



On-Delay DIP Switch TDR

SPECIFICATIONS

TIME DELAY RANGE OUTPUT RATII	A 0.1 to 102.3 SEC in 0.1 SEC Increments INGE 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 JTPUT RATING 10 A @ 250 VAC or 24 VDC, resistive				
ACCURACY	Settir Repe	$\pm 2\%$ or ± 50 mSEC; whichever is greater at $\pm 0.1\%$ or ± 8.3 mSEC; whichever is greater			
RESET TIMES	Befor After	e Time Out 100 mSEC Time Out 50 mSEC			
SUPPLY VOLTAGE 12, 24, 48, 120 or 240 VAC, 50/60 Hz; or DC; ±10%					
FALSE TRANSF	FALSE TRANSFER No				
REVERSE POLARITY Yes PROTECTED					
POWER REQUI	RED	3 VA, approximately			
DUTY CYCLE		Continuous			
TEMPERATURE RATING		Operate Storage	32° to 131°F (0° to +55°C) -49° to 185°F (-45° to +85°C)		
LIFE EXPECTANCY		Mechanical Electrical	10 million operations, minimum 100,000 operations @ rated load		
INDICATORS		LED glows when relay is energized			
ISOLATION		1,500 volts, input/output			
WEIGHT		0.35 lbs.			
DIMENSIONS (INCHES)					

2.38

 \mathbb{C}

1.75

FBC Series

3.0

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