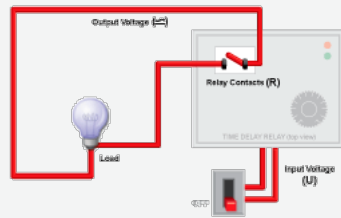


Power Trigger

Timing initiates when input voltage is applied.

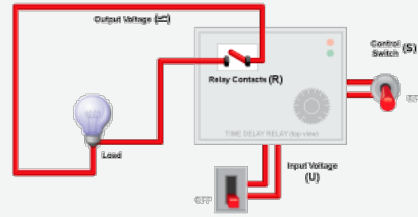


Relays (Product links to online catalog)

FUNCTION	TIMING CHART	Relays						
		821	822	TDRPRO-5100	TDRPRO-5101	TDRPRO-5102	TDRSOX	TDR782
<p>A - On Delay</p> <p>Upon application of the input voltage, the preset time begins. At the end of the preset time, the relay contacts transfer. Input voltage must be removed and reapplied to reset the relay.</p>								
<p>B - Repeat Cycle: Starting OFF</p> <p>Upon application of the input voltage, the preset time (T1) begins. At the end of the preset time, the relay contacts transfer and remain in that condition for the preset time (T1). At the end of this time, the relay contacts transfer back and the sequence repeats until input voltage is removed.</p>	<p>ACTION CONTINUES UNTIL POWER IS REMOVED</p>							
<p>C - Interval</p> <p>Upon application of input voltage, the relay contacts transfer and the preset time begins. At the end of the preset time, the contacts return to their normal condition. Input voltage must be removed and reapplied to reset the relay.</p>								
<p>F - Repeat Cycle: Starting ON</p> <p>Upon application of the input voltage, the contacts transfer. At the end of the preset time, the relay contacts transfer back and remain in that condition for the preset time. At the end of this time, the relay contacts transfer back and the sequence repeats until input voltage is removed.</p>	<p>ACTION CONTINUES UNTIL POWER IS REMOVED</p>							
<p>G - Pulse Generator</p> <p>Upon application of input voltage, a preset delay begins. At the end of the preset delay, the relay contacts transfer and remain in that condition for .5 seconds. At the end of this time, the contacts transfer back and the sequence stops. Input voltage must be removed and reapplied to reset the relay (ON = .5 seconds).</p>	<p>NO FURTHER ACTION UNTIL POWER IS REMOVED</p>							

Switch Trigger

Timing initiates with an external, un-powered switch.



		Relays (Product links to online catalog)					
FUNCTION	TIMING CHART	821	822	TDRPRO-5100	TDRPRO-5101	TDRPRO-5102	TDRSRX
<p>D - Off Delay</p> <p>Upon application of input voltage, the relay is ready to accept trigger signals. Upon application of the trigger signal, the relay contacts transfer and hold. Upon release of the trigger signal, the preset time begins. At the end of the preset time, the relay contacts return to their normal condition. Any application of the trigger signal will reset the time.</p>							
<p>E - Retriggerable One Shot</p> <p>Upon application of input voltage, the relay is ready to accept trigger signals. Upon application of the trigger signal, the relay contacts transfer and the preset time begins. At the end of the preset time, the relay contacts return to their normal condition unless the trigger signal is opened and closed prior to time out (before preset time elapses). Continuous cycling of the trigger signal at a rate faster than the preset time will cause the relay contacts to remain closed.</p>							
<p>H - One Shot</p> <p>Upon application of input voltage, the relay is ready to accept trigger signals. Upon application of the trigger signal, the relay contacts transfer and the preset time begins. During time-out, the trigger signal is ignored. The relay is reset by applying the trigger signal when the relay is not energized.</p>							
<p>I - On/Off Delay</p> <p>Upon application of coil voltage the timer waits for trigger closure. When the trigger closes, the contacts wait for the preset time before transferring. After the trigger opens the contact waits for the same preset time before transferring back to the original state. If the trigger opens before the present time, then the trigger will have to be closed again to initiate the timing function.</p>							
<p>J - Memory Latch</p> <p>Upon application of the coil voltage, the relay waits for trigger signaling. The contacts transfer each time the trigger closes. There is no timing function involved. i.e. flip-flop function</p>							