



ELECTRODEPOT Multi Function Timer

934135 CRM91H

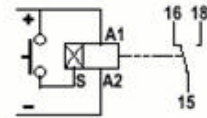
Features:

- Multiple time range from 0.1 second to 10 days
- Integrated special functions, one shot and latch
- Multiple voltage input 12 to 240 VAC or VDC
- LED Indicators power ON and time interval
- Temperature operating range -20 to 60 °C

Specifications:

- Time range: 10 Scales 0.1 sec to 10 days
- Repeat accuracy: 0.2%, Reset time 150 ms.
- Control voltage 12 to 240 VAC or VDC
- Consumption: 0.7 to 3VA. AC, 0.5 to 1.7 W. DC
- Output Load: 15 Amp @ 240,120 VAC, 24 VDC
- B300 Pilot Duty, 14 Gauge Wire Max.

- U** Power applied to terminal A1 and A2
- S** Trigger input contact (A1 to S)
- R** Relay contact output terminals 15, 16 and 18



Function	Operation	Timing Chart
a ON DELAY Power On	When the input voltage U is applied, timing delay t begins. Relay contacts R change state after time delay is complete. Contacts return to their shelf state when power U is removed. Control switch is not used in this mode.	
c REPEAT CYCLE Starting Off	When input voltage U is applied, time delay t begins. When time delay t is complete, relay contact R change state for time delay t. This cycle will repeat until input voltage U is removed. Control switch is not used in this mode.	
b INTERNAL Power On	When input voltage U is applied, relay contacts R change state immediately and timing cycle begins. When time delay is complete, contacts return to shelf state. When input voltage U is removed, contacts return to their shelf state. Control switch is not used in this mode.	
f OFF DELAY S Break	Input voltage U must be applied continuously. When control S is closed, relay contacts R change state. When control S is opened delay t begins. When delay t is complete, contact R return to their shelf state. If signal S is closed before time delay t is complete, then time is reset, the delay begins again, and relay contacts remain in their energized state if input voltage U is removed, relay contact R return to their shelf state.	
g ON/OFF DELAY S Make/Break	Input voltage U must be applied continuously. When control S is closed, time delay t begins. When time delay t is complete, relay contacts R change state and remain transferred until control S is opened. If input power U is removed relay contacts R return to their shelf state.	
i MEMORY LATCH S Make	Output changes state with every Control S closure. Returned to rest condition when power is removed.	

Function	Operation	Timing Chart
j PULSE GENERATOR	A single output pulse of 0.5 seconds long is delivered to relay after time delay t. Power must be removed and reapplied to repeat pulse. Control switch is not used in the mode.	
g ONE SHOT	Upon application of input voltage, the time delay 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 time delay reset is reset by applying the trigger signal when the relay is not energized.	
h RETRIGGERABLE ONE SHOT	Upon application of input voltage, the time delay 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.	
d REPEAT CYCLE Starting On	When input voltage U is applied, relay contacts R change state immediately and time delay t begins. When time delay t is complete, contacts return to their shelf state for time delay t. This cycle will repeat until input voltage U is removed. Control switch is not used in this mode.	

