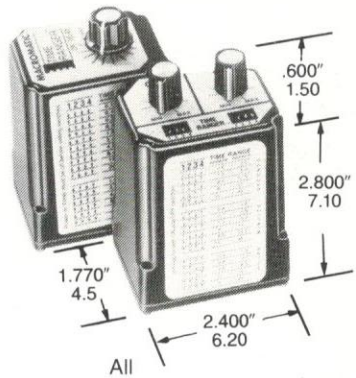
MACROMATIC® "TIME RANGER"™

SOLID STATE PROGRAMMABLE TIME DELAY RELAYS & CYCLE TIMERS



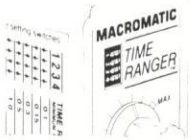
All units same dimensions

- 16 time ranges in single timer
- User sets time ranges No math—just flip switches—nothing to take apart
- Fine tune knob for precision timing
- Instructions right on each unit
- Pin for pin interchangeable with timers in the field–No Rewiring
- Operate on either A/C or D/C
- CMOS digital circuitry—0.5% repeatable accuracy
- Cycle timer "on" and "off" times individually programmable
- Operating temp.: -30° to 160° F.

Suitable for continuous use. Line transient protected (MOV-10,000 volts/20 microseconds).Recycle time:typically 60 Ms. Power consumption: 2.5 watts max. Output: 10 amp DPDT(Resistive)—relay has its own dust cover.

SERIES	STOCK NO.	INPUT	PRICE	MECH.	ACTION
Programmable Time Delay Relays (0.1 seconds to 2 hours.)					
SS 602 Series **On Delay**	SS 60222	120 VAC/DC	41.95	8 Pin Octal Diagram #1 Chart # 1	Upon application of control power, time delay period begins. At end of time delay, output switch operates. When control power is removed, output switch returns to normal.
	SS 60228	24 VAC/DC			
	SS 60226	12 VAC/DC			
	SS 60221	240 VAC	44.50		
SS 605 Series **Interval On**	SS 60522	120 VAC/DC	44.50	8 Pin Octal Diagram #1 Chart #2	The relay will operate immediately when the input voltage is applied. At the end of an adjustable interval the relay will release and remain in this state until re-application of the input voltage.
	SS 60528	24 VAC/DC			
	SS 60526	12 VAC/DC			
	SS 60521	240 VAC	47.00		
SS 616 Series **Off Delay** Isolated Control Switch	SS 61622	120 VAC/DC	47.00	11 Pin Octal Diagram #2 Chart #3	Upon closure of control switch, output switch operates. Upon opening of control switch, time period begins. Any control switch closures prior to end of time period will recycle timer. At end of time period, output switch returns to normal Continuous power must be furnished.
	SS 61628	24 VAC/DC			
	SS 61626	12 VAC/DC			
	SS 61621	240 VAC	49.50		
SS 616-B or H Series **Off Delay** Isolated Control Switch	SS 61622-B or H	120 VAC/DC	47.00	11 Pin Octal Chart #3	See SS 616 Off Delay Series above 616-B Diagram # 3 616-H Diagram # 5 (specify whether AC or DC)
	SS 61628-B or H	24 VAC/DC			
	SS 61626-B or H	12 VAC/DC			
	SS 61621-B or H	240 VAC	49.50		
SS 619 Series **Off Delay** Powered Control Switch	SS 61922	120 VAC/DC	49.95	11 Pin Octal Diagram #4 Chart #3	See SS 616 Off Delay Series above
	SS 61928	24 VAC/DC			
	SS 61926	12 VAC/DC			
	SS 61921	240 VAC	52.50		
SS 615 Series **Single Shot** (Momentary Interval) Isolated Control Switch	SS 61522	120 VAC/DC	47.00	11 Pin Octal Diagram #2 Chart #4	Upon closure of control switch, output switch operates and time period begins. The time period is not affected by duration of control switch closure. At the end of time period, output switch returns to normal. Continuous power must be furnished to this timer.
	SS 61528	24 VAC/DC			
	SS 61526	12 VAC/DC			
	SS 61521	240 VAC	49.50		
Programmable Cycle Timers (0.6 seconds to 24 hours.)					
SS 631 Series **Repeat Cycle** "Off" Time 1st	SS 63122	120 VAC/DC	57.50	8 Pin Octal Diagram #1 Chart #5	Upon application of power "off" time period begins.When "off" time completed, "on" time period begins. When "on" time completed "off" time again begins and cycle repeats until power is removed.
	SS 63128	24 VAC/DC			
	SS 63126	12 VAC/DC			
	SS 63121	240 VAC	62.50		
SS 651 Series **Repeat Cycle** "On" Time 1st	SS 65122	120 VAC/DC	57.50	8 Pin Octal Diagram #1 Chart #6	Upon application of power "on" time period begins.When "on" time completed, "off" time period begins. When "off" time completed "on" time again begins and cycle repeats until power is removed.
	SS 65128	24 VAC/DC			
	SS 65126	12 VAC/DC			
	SS 65121	240 VAC	62.50		
SS 661 Series **Single Cycle** (Delayed Interval) Off – On – Off	SS 66122	120 VAC/DC	57.50	8 Pin Octal Diagram #1 Chart #7	Upon application of power "off" time period begins.When "off" time completed, "on" time period begins. When "on" time completed timer returns to "off" state and remains there. Power must be removed and reapplied to initiate action again.
	SS 66128	24 VAC/DC			
	SS 66126	12 VAC/DC			
	SS 66121	240 VAC	62.50		

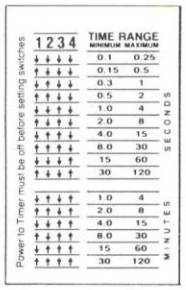
All controls on top — easily accessible



U.L. File No. E109466

C.S.A. File No. LR45565

Time Delay Relay



Repeat Cycle Timer

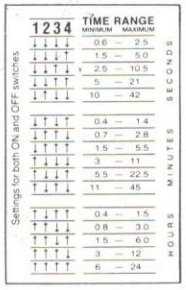


Chart 1

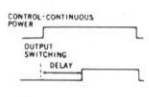


Chart 2

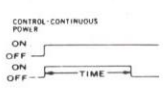


Chart 3

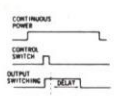


Chart 4

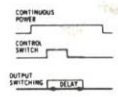


Chart 5

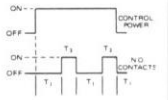


Chart 6

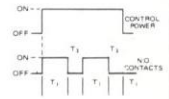


Chart 7

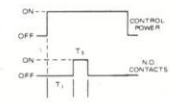


Diagram 1

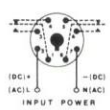


Diagram 2

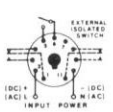


Diagram 3

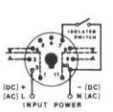


Diagram 4

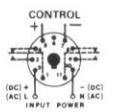
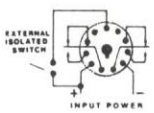


Diagram 5



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