

## Possibility to connect load onto controlling input

It is possible to connect the load (e.g.: contactor) between terminals S-A2, without any interruption of correct relay function.


## Indication of operating states

Examples of signaling


## Function

ON DELAY
When the input voltage $U$ is applied, timing delay $t$ begins. Relay contacts $R$ change state after time delay is complete. Contacts R return to their shelf state when input voltage U is removed. Trigger switch is not used in this function.

C


INTERVAL 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 will also return to their shelfstate. Trigger switch is not used in this function.

## FLASHER - OFF first

When input voltage $U$ is applied, time delay $t$ begins. When time delay t is complete, relay contacts R change state for time delay t . This cycle will repeat until input voltage $U$ is removed Trigger switch is not used in this function.

## FLASHER - ON first

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 Trigger switch is not used in this function.
d
f



S


## SINGLE SHOT

Upon application of input voltage U , the relay is ready to accept trigger signal S. Upon application of the trigger signal $S$, the relay contacts $R$ transfer and the preset time $t$ begins. During time-out, the trigger signal $S$ is ignored. The relay resets by applying the trigger switch $S$ when the relay is not energized.

## SINGLE SHOT falling edge

Upon application of input voltage $U$, the relay is ready to accept trigger signal $S$. Upon application of the trigger signal S, the relay contacts R transfer and the preset time $t$ begins. At the end of the preset time $t$, the relay contacts $R$ return to their normal condition unless the trigger switch $S$ is opened and closed prior to time out t (before preset time elapses). Continuous cycling of the trigger switch S at a rate faster than the prese time will cause the relay contacts R to remain closed. If input voltage $U$ is removed, relay contacts R return to their shelf state

## ON/OFF DELAY

Input voltage U must be applied continuously. When trigger switch S is closed, time delay t begins. When time delay t is complete, relay contacts R change state and remain transferred until trigger switch $S$ is opened. If input voltage $U$ is removed, relay contacts $R$ return to their shelf state

## OFF DELAY

nput voltage $U$ must be applied continuously When trigger switch $S$ is closed, relay contacts $R$ change state. When trigger switch $S$ is opened, delay t begins. When delay t is complete, contacts R return to their shelf state. If trigger switch S is closed before time delay t is complete, then time is reset. When trigger switch S is opened, the delay begins again, and relay contacts $R$ remain in their energized state. If input voltage U is removed relay contacts $R$ return to their shelf state.


## MEMORY LATCH

Input voltage $U$ must be applied continuously. Output changes state with every trigger switch $S$ closure. If input voltage $U$ is removed, relay contacts R return to their shelf state.

PULSE GENERATOR 0.5 s
Upon application of input voltage $U$, a single output pulse of 0.5 seconds is delivered to relay after time delay t . Power must be removed and reapplied to repeat pulse. Trigger switch is not used in this function.

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