

Electronic Timers

On Delay • Release delay • On Pulse • Symmetrical Recycler XMW



DESCRIPTION

Multifunction timer with 5 functions and 4 time ranges. The function and the time range are selectable via 2 front mounted rotary switches.

The time ranges cover 0.6sec.-60min. or 0.6min.-60hrs. The time is adjustable on the timer front.

The timer can directly be connected to the supply voltage in the range of 10.5-265V AC/DC.

Single or double relay output with LED indication of energized relay. Intermittent flashing of LED indicating timing period (over 6 sec.).

Versions available for DIN rail or 11-pole plug-in mounting.

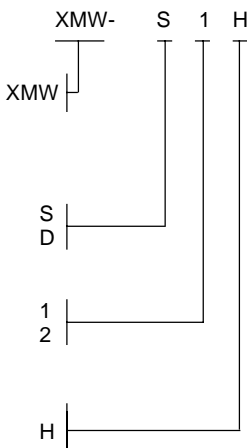
VERSIONS/ORDERING CODES

- Type:**
 On delay.
 Release delay.
 On pulse - without control switch.
 On pulse - with control switch.
 Symmetrical recycler with pause start.

- Mounting:**
 11-pole plug-in.
 DIN rail.

- Output relay:**
 SPDT.
 DPDT ¹⁾.

- Timing range:**
 0.6sec.-60min.
 0.6min.-60hrs.

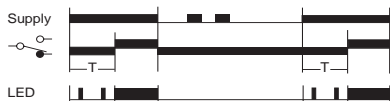


OPERATION

The function is selected via the rotary switch on the timer front. The switch may only be operated, when the supply voltage is disconnected.

On delay.

The timing period starts when supply voltage is connected. When the preset time has elapsed, the relay is energized. The relay is de-energized when the supply voltage is disconnected.



Release delay.

The timer must be connected to supply voltage permanently. When the switch is closed, the output relay is energized. When the switch is opened again, the timing period starts. The relay de-energizes when the preset time has elapsed.



On pulse - without control switch.

A jumper must be connected between 5 and 7 (B1 and B2). When supply voltage is connected, the relay is energized and the timing period starts. The relay de-energizes when the preset time has elapsed.



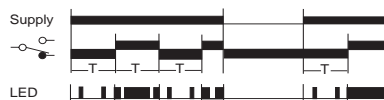
On pulse - with control switch.

The timer must be connected to supply voltage permanently. When the control switch is closed, the output relay is energized and the timing period starts. When the preset time has elapsed, the relay de-energizes. To energize the relay again, the control switch must be opened and closed again, after the relay is de-energized.



Symmetrical recycler with pause start.

When supply voltage is connected and the pause period has elapsed, the relay energizes. The relay remains energized during the pulse period. The sequence is repeated until the supply voltage is disconnected. The duration of the pause and pulse periods is equal.



TECHNICAL DATA

Time ranges:

Code	Time ranges
	0.6-6sec. 6-60sec. 0.6-6min. 6-60min.
H	0.6-6min. 6-60min. 0.6-6hrs. 6-60hrs.

Full linearity between the ranges is provided i.e. an adjustment made to a specific time in seconds will give the same time in minutes just by operating the range switch.

