Multiple Operating Modes and Multiple Time Ranges. 1M DIN Size Multi-Functional Timer.

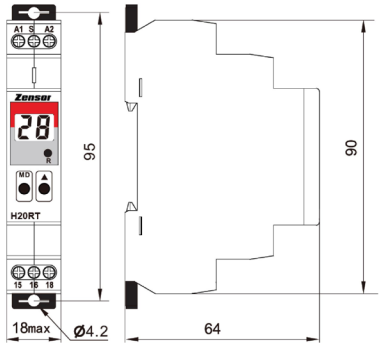


- A broad AC/DC power supply range that satisfies nearly all power needs.
- 19 control modes designed to cater to a wide range of application scenarios.
- Standards: CE & RoHS Marking.
- Space saving 1 module DIN rail mounting.

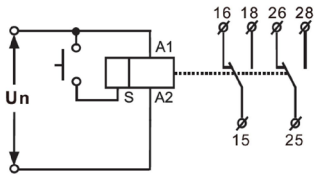
Specifications

Supply Voltage Un	12-240V (AC, 50-60Hz), 12.5-240VDC
Power Consumption	0.9W
Output	2 x SPDT, 16A (AC1), 250VAC/24VDC
Time Range	0.1s to 99 days
Time Deviation	≤1% F.S
Repeatability	≤0.2% F.S
Temperature Coeffcient	0.05%/°C@20°C
Reset Time	200ms Max.
Mechanical life	1 x 10^7 cycles
Electrical life (AC1)	1 x 10^5 cycles
Operating Temperature	-20° C to 55° C
Storage Temperature	-35° C to 75° C
Operating Humidity	35% to 85% RH (non-condensing)
IP Rating	IP40 (front panel)
Mounting	DIN Rail EN/IEC 60715
Dimensions	90 x 18 x 64mm
Mass	82g
Standards	EN61812-1, IEC60947-5-1

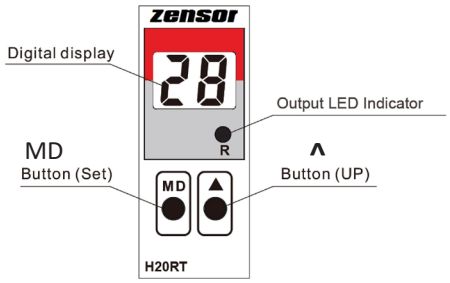
Dimensions (mm)



Wiring Diagram

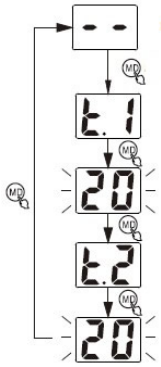


Nomenclature



Time Setting

In run mode, short press the MD button to enter time setting



Run mode

Short press MD button to enter time setting

Set t1 time, press MD again to set value

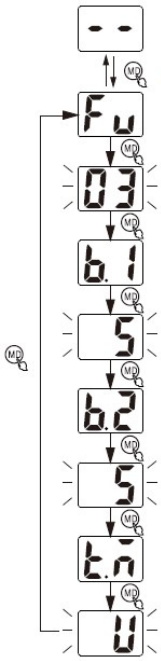
Press the ^ arrow key to change the value. Long press will increase value automatically.

press MD again to set t2 value

Press MD again will return to run mode

Parameter / Mode Setting

In run mode, press and hold the MD button for more than 3 seconds to enter parameter / mode setting.
Press MD button to move to the next parameter.



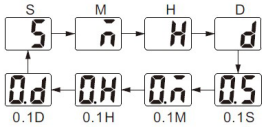
Run mode

Press MD button for more than 3 sec to enter mode setting

Function mode setting
Press MD button again to change mode type

Press ^ arrow key to change mode value

t1 time base. Pressing ^ arrow key will cycle through time base as shown

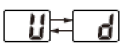


t2 time base. Pressing ^ arrow key will cycle through time base. This option is available only for function mode with t2 parameter

Time count display type

Press ^ arrow key to select count up or count down display

count up count down

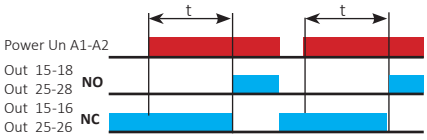


Operation

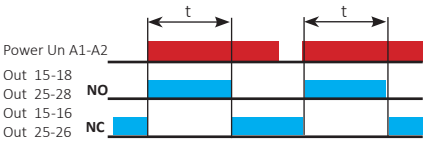
■ Timing Chart

Note:
1. The minimum input pulse width is 500ms.
2. The letter t in timing chart refer to t1 setting for single time operation.
3. <t refers to timing less than the set time.
4. 15-18 and 25-28 are Normally Open (NO) contacts.
5. 15-16 and 25-26 are Normally Close (NC) contacts.

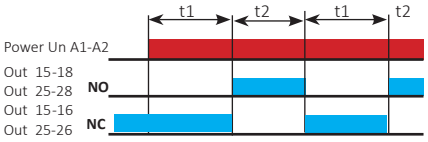
Mode 01 Power ON delay



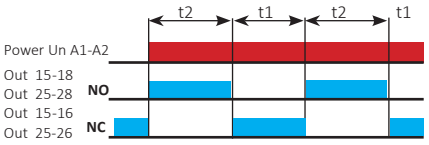
Mode 02 Interval (Power ON)



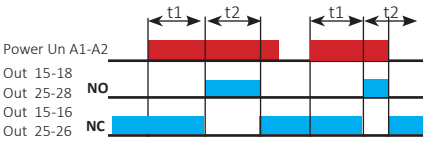
Mode 03 Flicker starting with OFF



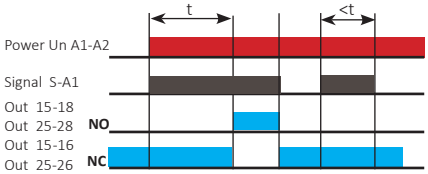
Mode 04 Flicker starting with ON



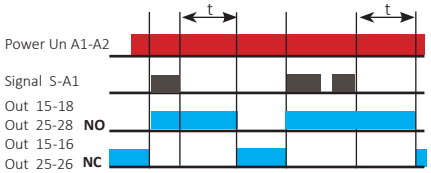
Mode 05 Pulse (Power ON)



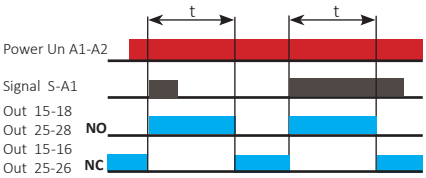
Mode 06 On delay with hold S signal



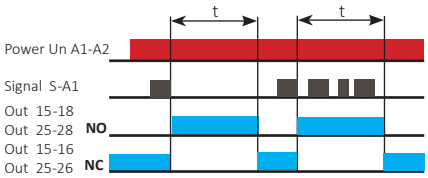
Mode 07 Off delay with S signal



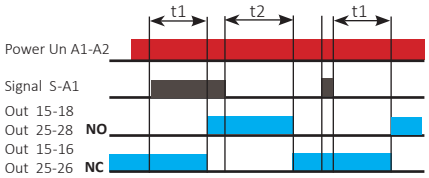
Mode 08 Pulse t width with S signal



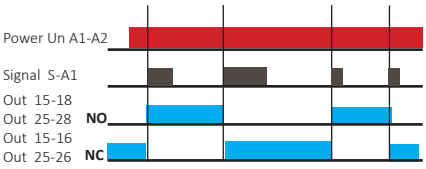
Mode 09 Delay Pulse t width with S signal



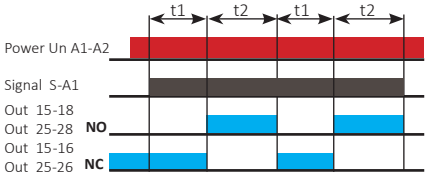
Mode 10 Off- On with S signal



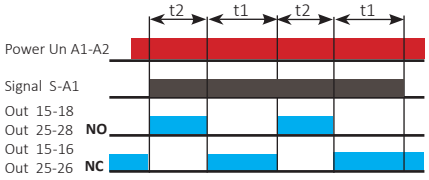
Mode 11 Latch relay with S signal



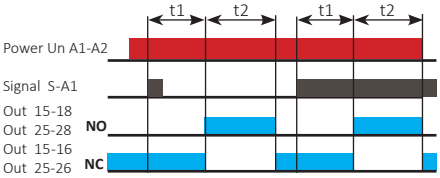
Mode 12 Flicker (start Off) with S signal



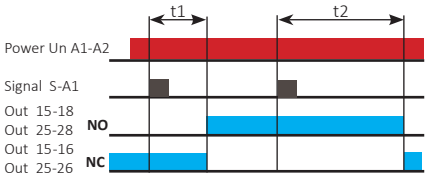
Mode 13 Flicker (start On) with S signal



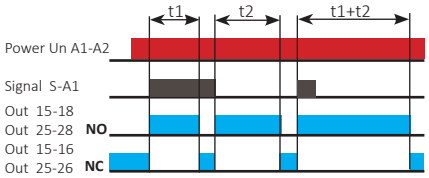
Mode 14 Pulse with S signal



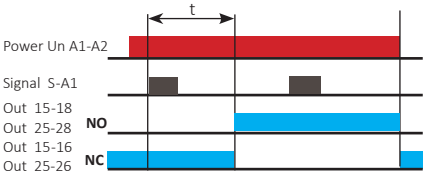
Mode 15 Delay start stop with S signal



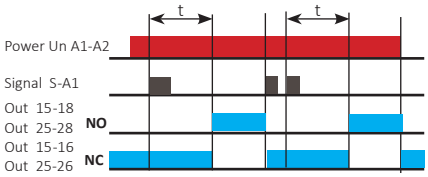
Mode 16 Cumulative delay with S signal



Mode 17 On delay with S signal



Mode 18 On delay with S signal reset



Mode 19 Relays are always ON

Mode 20 No Function