

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



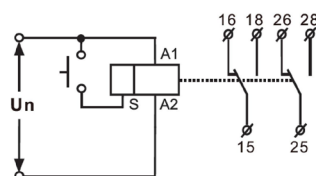
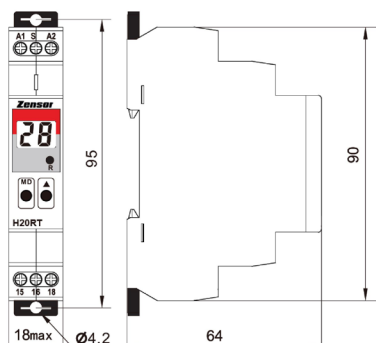
- A broad AC/DC power supply range that satisfies nearly all power needs.
- 19 control modes designed to cater to a wide range of application scenarios.
- Standards: CE & RoHS Marking.
- Space saving 1 module DIN rail mounting.

**Specifications**

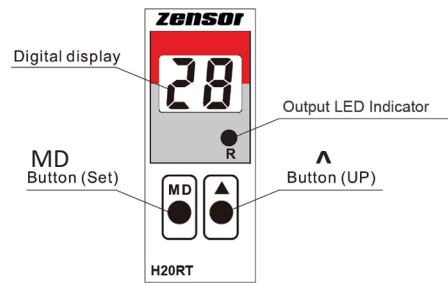
Supply Voltage Un	12-240V (AC, 50-60Hz), 13-240VDC
Power Consumption	0.9W
Output	2 x SPDT, 16A (AC1), 250VAC/24VDC
Time Range	0.1s to 99 days
Time Deviation	≤1% F.S
Repeatability	≤0.2% F.S
Temperature Coefficient	0.05%/°C@20°C
Reset Time	200ms Max.
Mechanical life	1 x 10 <sup>7</sup> cycles
Electrical life (AC1)	1 x 10 <sup>5</sup> 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**

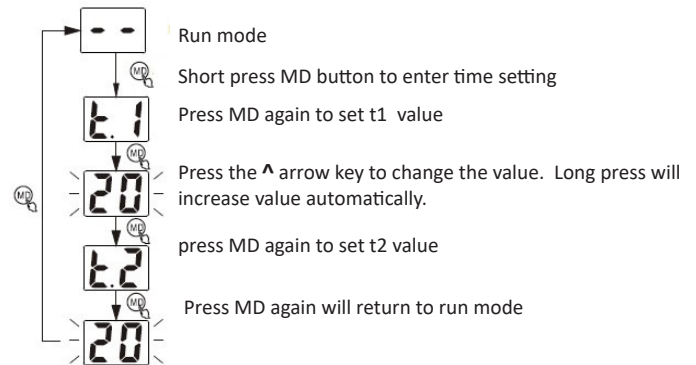


**Nomenclature**



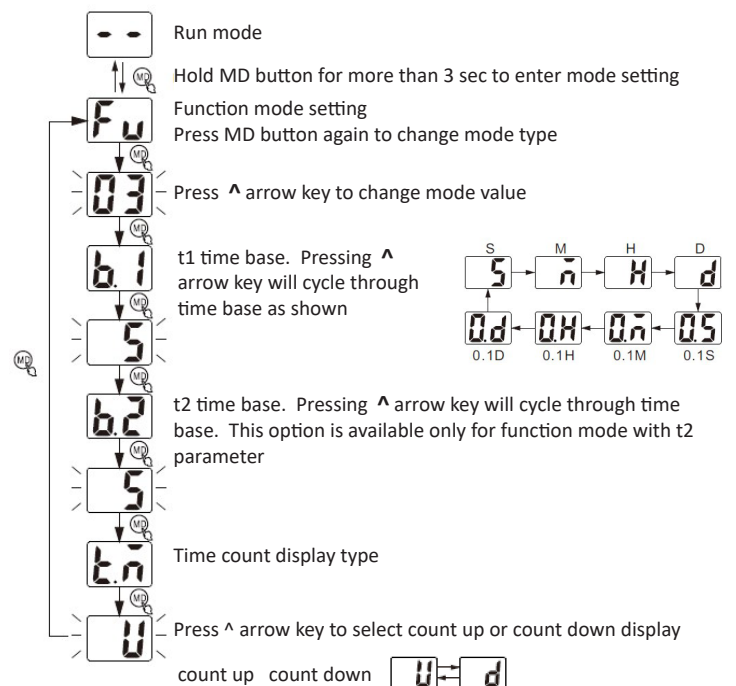
**Time Setting**

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



**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.



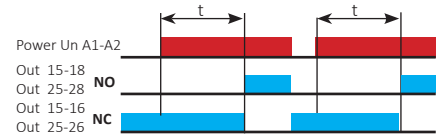
Hold down the MD button to save and exit the settings. If no button is pressed, the controller will automatically exit the settings after 50 sec.

# Operation

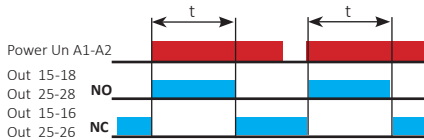
## Timing Chart

- 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. <math>t</math> 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.

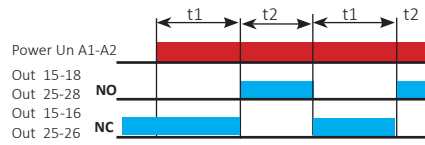
**Mode 01** Power ON delay



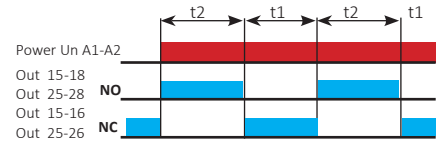
**Mode 02** Interval (Power ON)



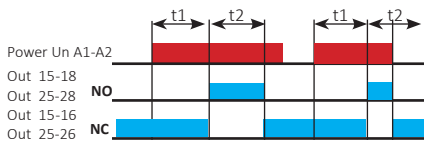
**Mode 03** Flicker starting with OFF



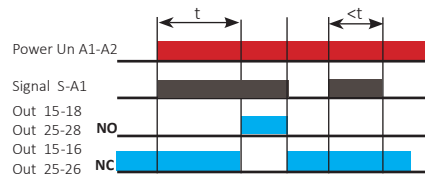
**Mode 04** Flicker starting with ON



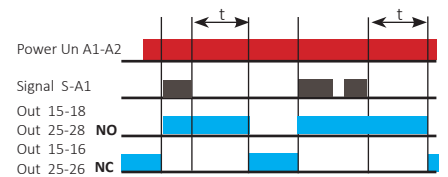
**Mode 05** Pulse (Power ON)



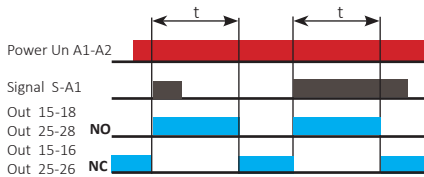
**Mode 06** On delay with hold S signal



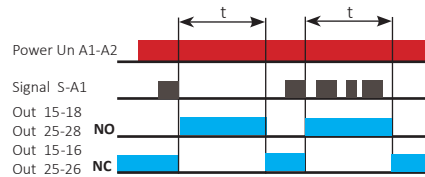
**Mode 07** Off delay with S signal



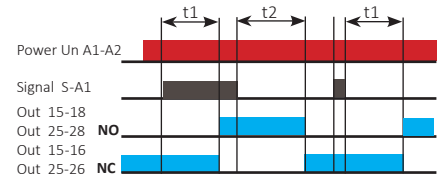
**Mode 08** Pulse t width with S signal



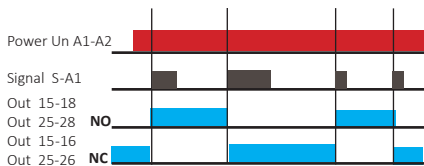
**Mode 09** Delay Pulse t width with S signal



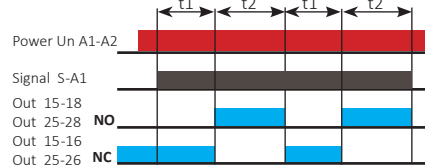
**Mode 10** Off-On with S signal



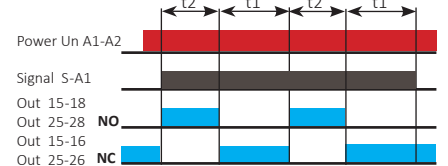
**Mode 11** Latch relay with S signal



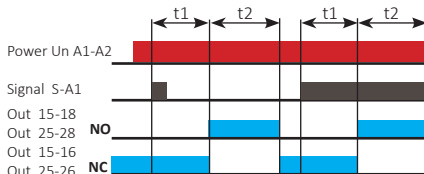
**Mode 12** Flicker (start Off) with S signal



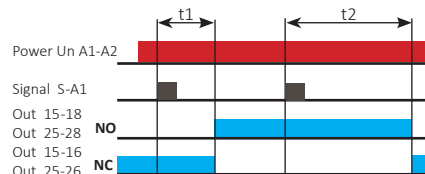
**Mode 13** Flicker (start On) with S signal



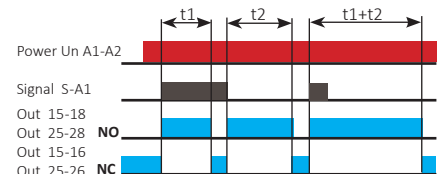
**Mode 14** Pulse with S signal



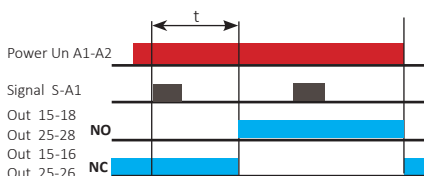
**Mode 15** Delay start stop with S signal



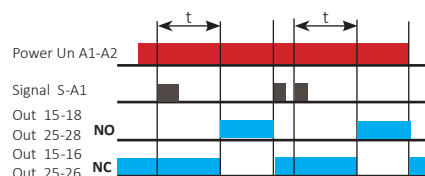
**Mode 16** Cumulative delay with S signal



**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