

General Specification

- Digital Timer with START/RESET/GATE input and OUT1 & OUT2 outputs
- 2x4 7 Segment LED display
- Selectable 8 different modes
- Counts down hour/minute/second
- Loads Timer value & OUT status at the latest power failure after the first power on
- EEPROM memory to store settings
- 230VAC inputs (START/RESET/GATE)
- 96x96mm front panel

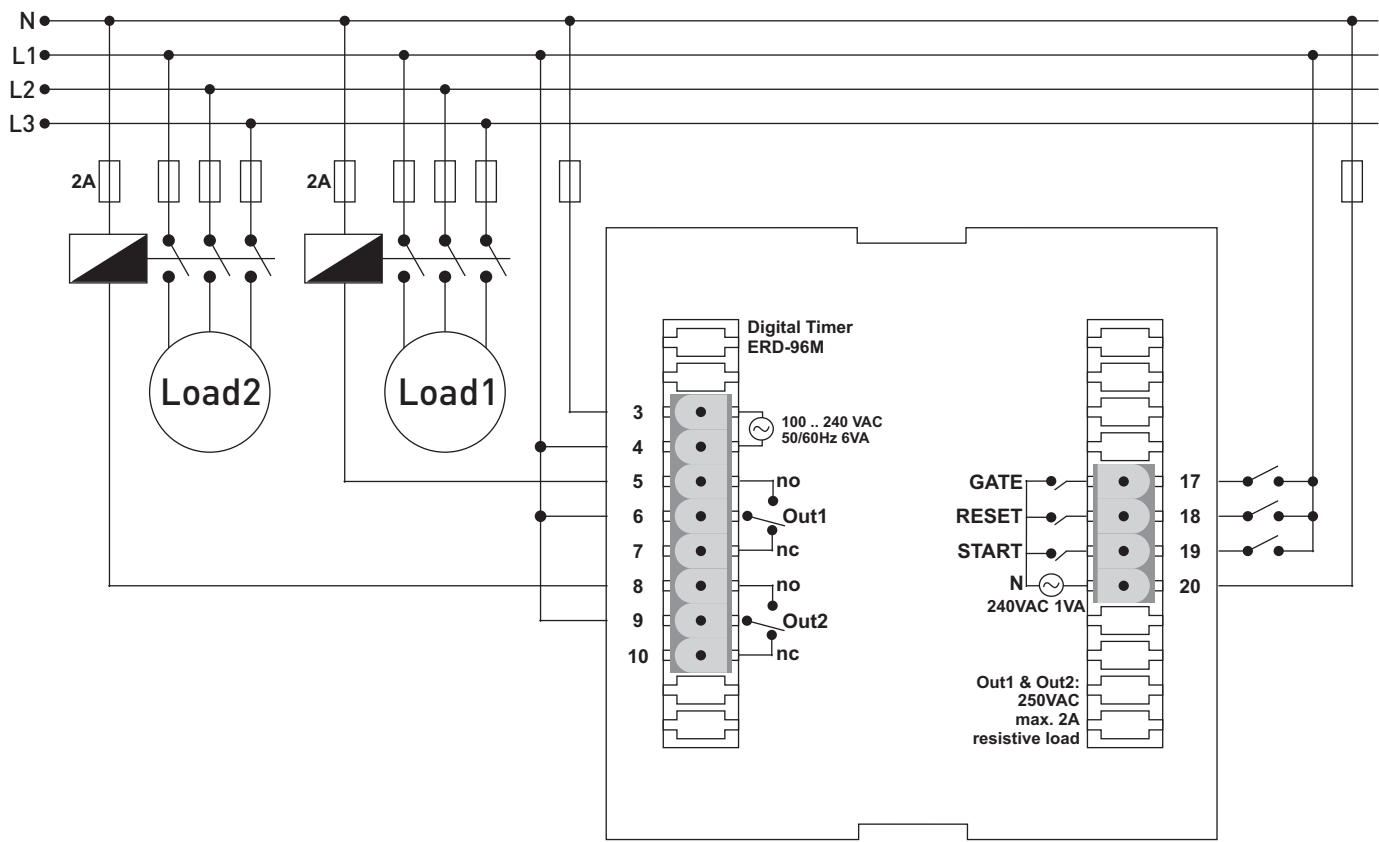
Warning:

- Use twisted pair and shielded signal cables. Connect shield to ground from the device side. Keep all signal cables away from circuit breakers, devices/cables emitting electrical noise and power cables.
- Take precautions against environmental conditions like humidity, vibration, pollution and high/low temperature during installation.
- Use a fuse (slow 250mA 250VAC) on supply input of the device. Use appropriate cables for supply connections. Apply safety regulations during installation.

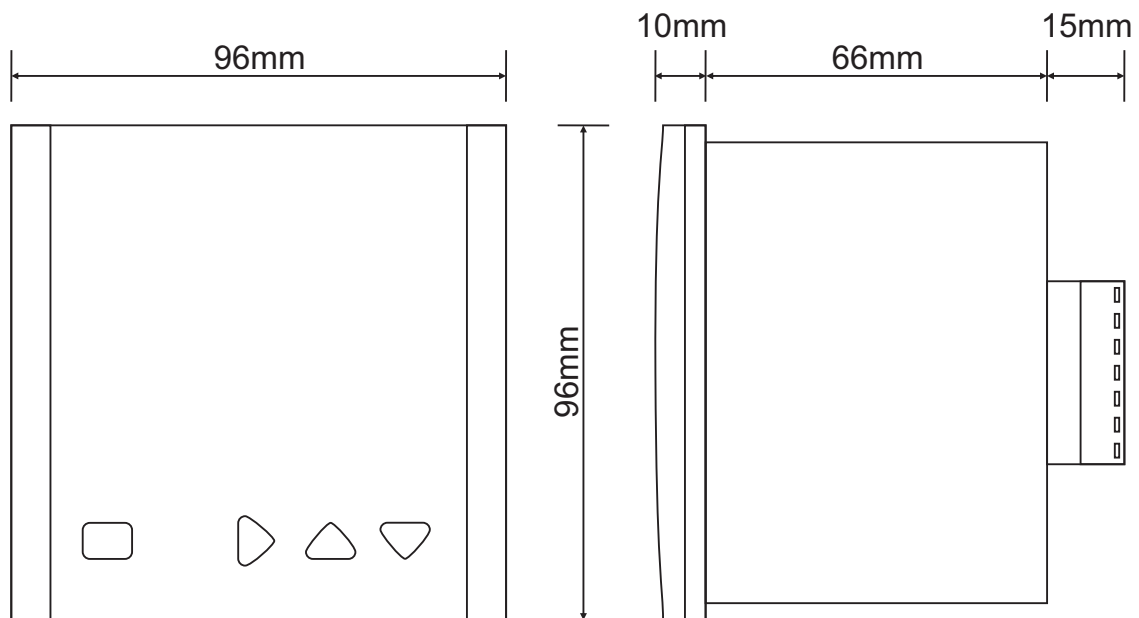
Technical Specification

- **Panel Hole Size** : 91x91mm
- **Display** : 2x4 Digit 7 Segment display
- **Inputs** : START / RESET / GATE
3x230 VAC (0:0-50VAC, 1:150-240VAC)
- **Gate Input** : Inhibits count-down when GATE is ON.
- **Output** : Out1, Out2; 2xRelay (NO-O-NC), 250VAC, 2A, Resistive load
- **Time base** : Selectable; 99:59 hours / 99:59 minutes / 599.9 seconds
- **Modes** : Selectable 8 different modes
- **Supply Voltage** : 100....240VAC, 50-60Hz
- **Pow. Consump.** : < 8VA
- **Operating Temp.** : -20 °C....55 °C
- **Operating Altitude** : < 2000m

Connection



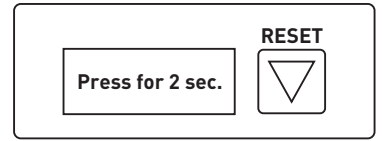
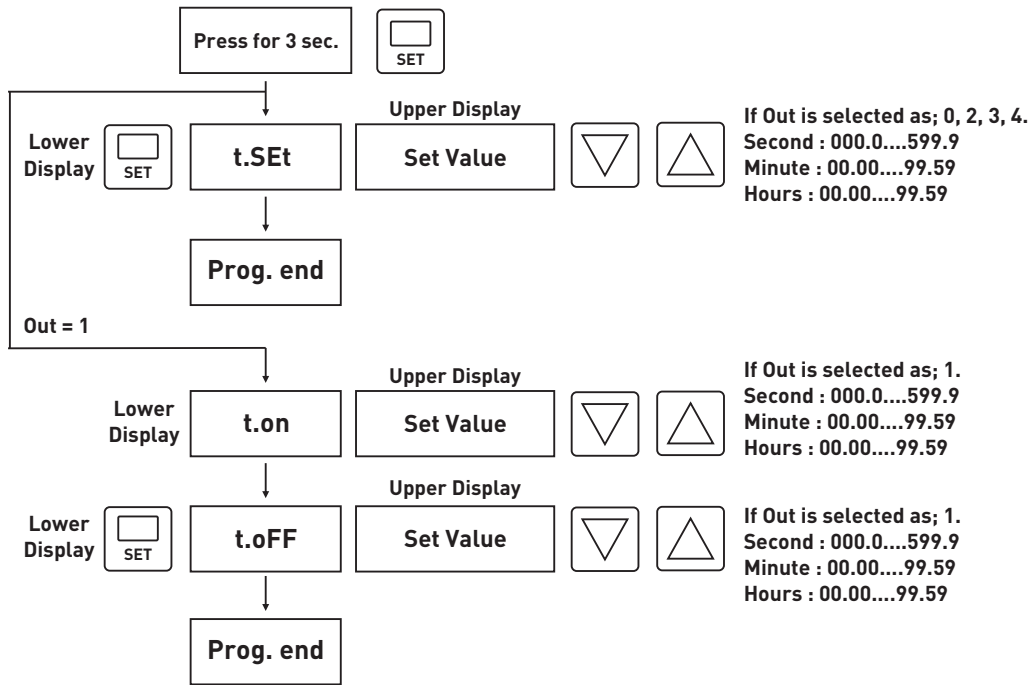
Dimensions:



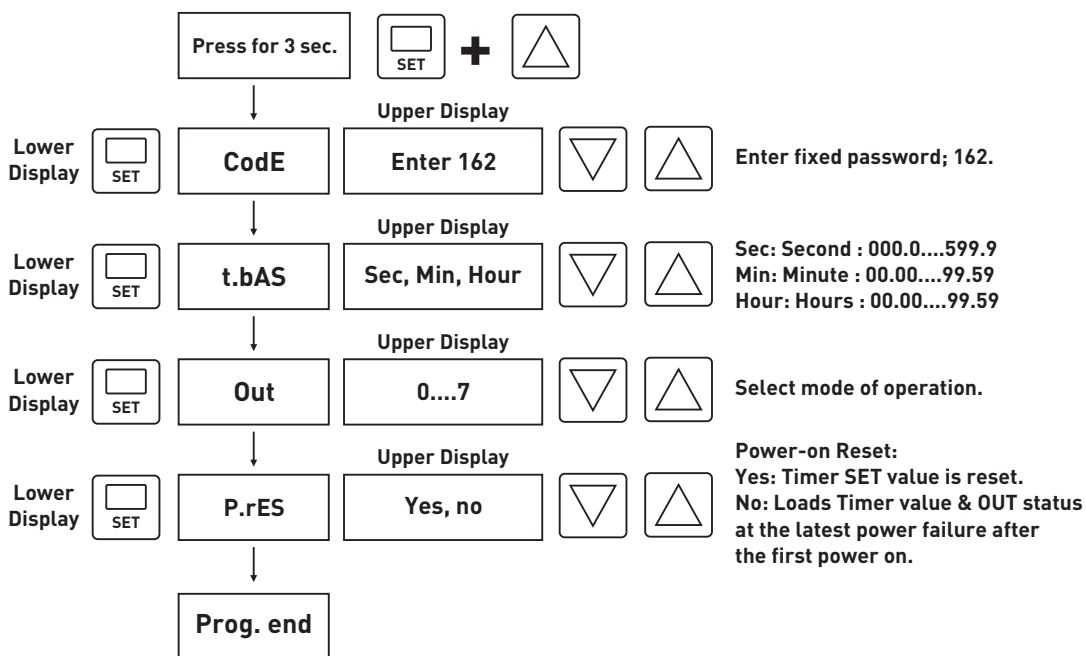
Programming Parameter:

Programming Timer SET Value:

Front Panel RESET:

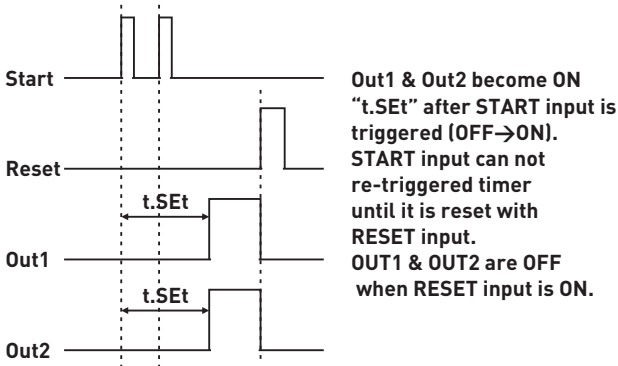


Selecting Time Base & Modes:

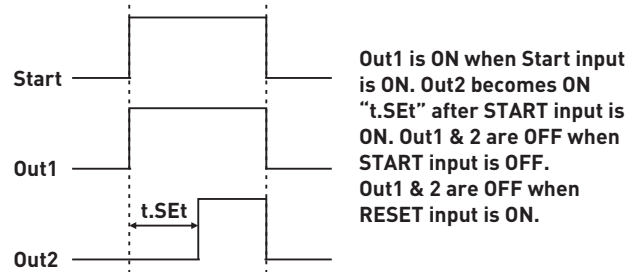


Modes of Operation:

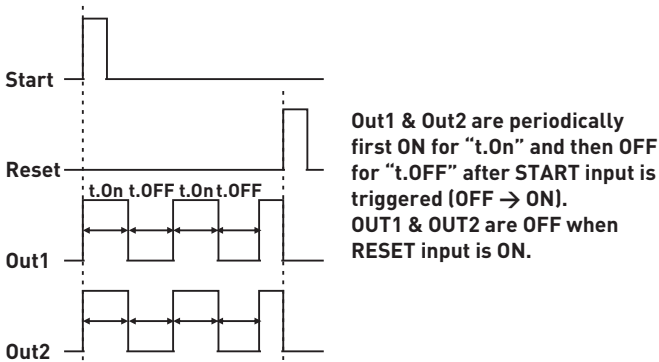
Mode: 0; Pulsed Delay, OFF with RESET



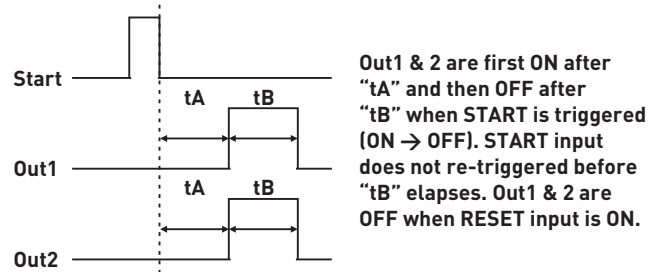
Mode: 4; Follow & ON Delay



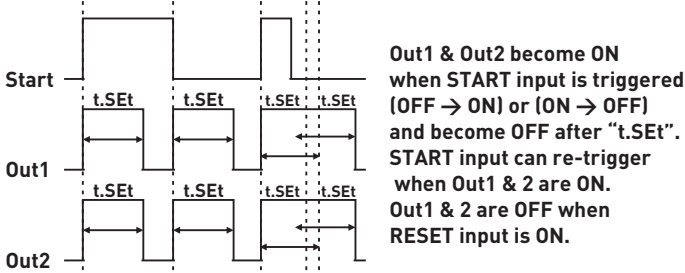
Mode: 1; Flashing with START/RESET



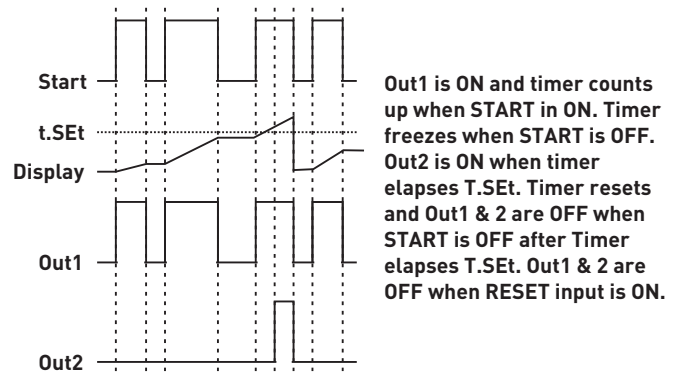
Mode: 5; Delayed One Shot after OFF



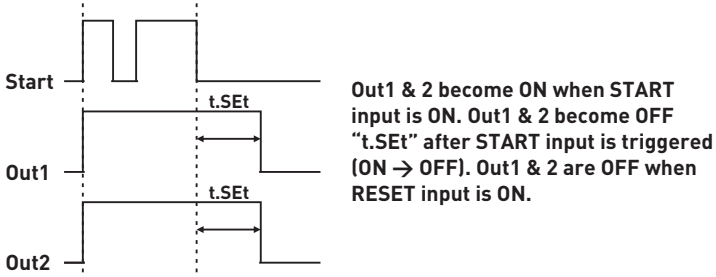
Mode: 2; One Shot after ON and OFF



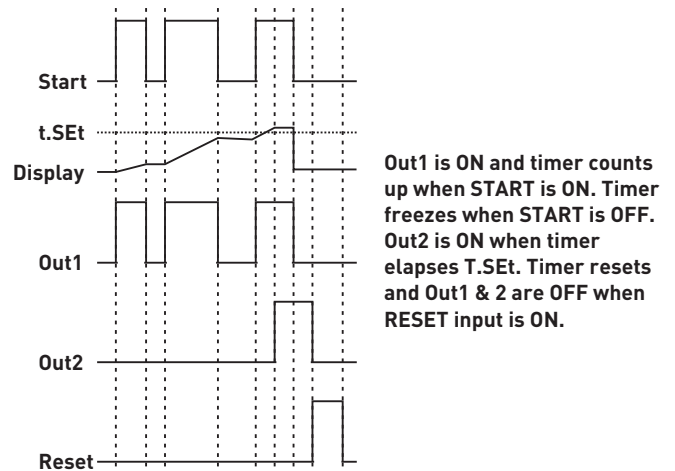
Mode: 6; Chronometer - Count with START



Mode: 3; OFF Delay



Mode: 7; Chronometer - Count with START, Reset with RESET



Notes:

- For Mode1; t.On and t.OFF are accepted as min. 000.1 sec, 00.01 min, and 00.01 hour.
- Timer counts up for Mode 6 & 7, and down for other modes.
- For all modes; counting is inhibited (or frozen) when GATE in ON.