

General Specification

- Digital Timer with START/RESET/GATE input and OUT1 & OUT2 outputs
- 2x4 7 Segment LED display
- Selectable 13 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
- 24VDC inputs (compatible with PNP proximity switch output)
- 48x48mm front panel

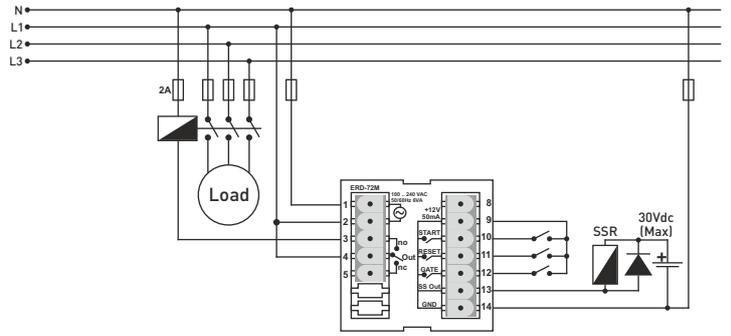
Warning:

- 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 : 44x44mm
- Display : 2x4 Digit 7 Segment display
- Inputs : START / RESET / GATE
3x max. 32VDC (OFF:0...2VDC, ON:7...32VDC)
- Gate Input : Inhibits count-down when GATE is ON.
- Output : Out Relay (NO-0-NC), 250VAC, 2A, Resistive load
- Time base : Selectable; 99:59 hours / 99:59 minutes / 599.9 seconds
- Modes : Selectable 13 different modes
- Sensor Supply Out : 12VDC, 50mA max.
- Supply Voltage : 100...240VAC, 50-60Hz
- Pow. Consump. : < 8VA
- Operating Temp. : -20 °C...55 °C
- Operating Altitude : < 2000m

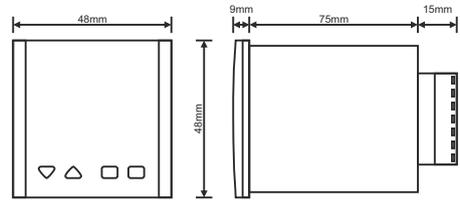
Connection



Notes:

- "SS Out" return should directly connected to "GND" pin.
- Use free-wheeling diode to protect "SS Out"

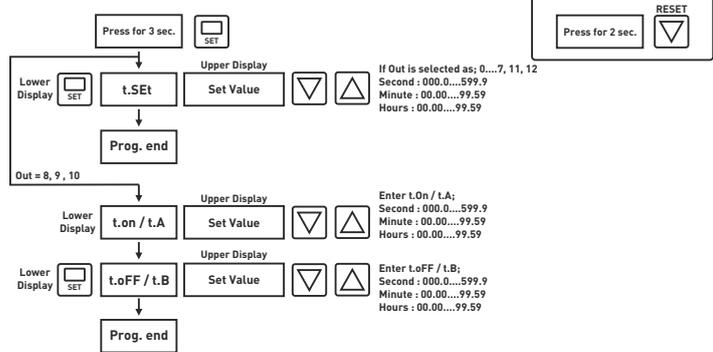
Dimensions:



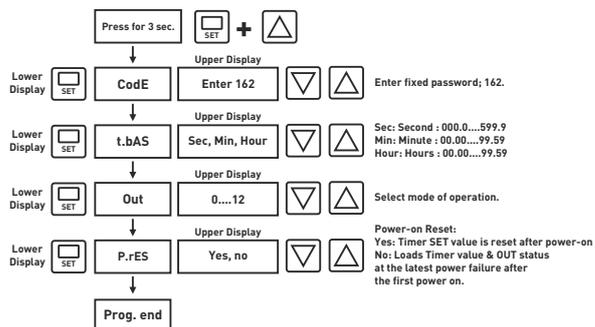
Programming Parameter:

Programming Timer SET Value:

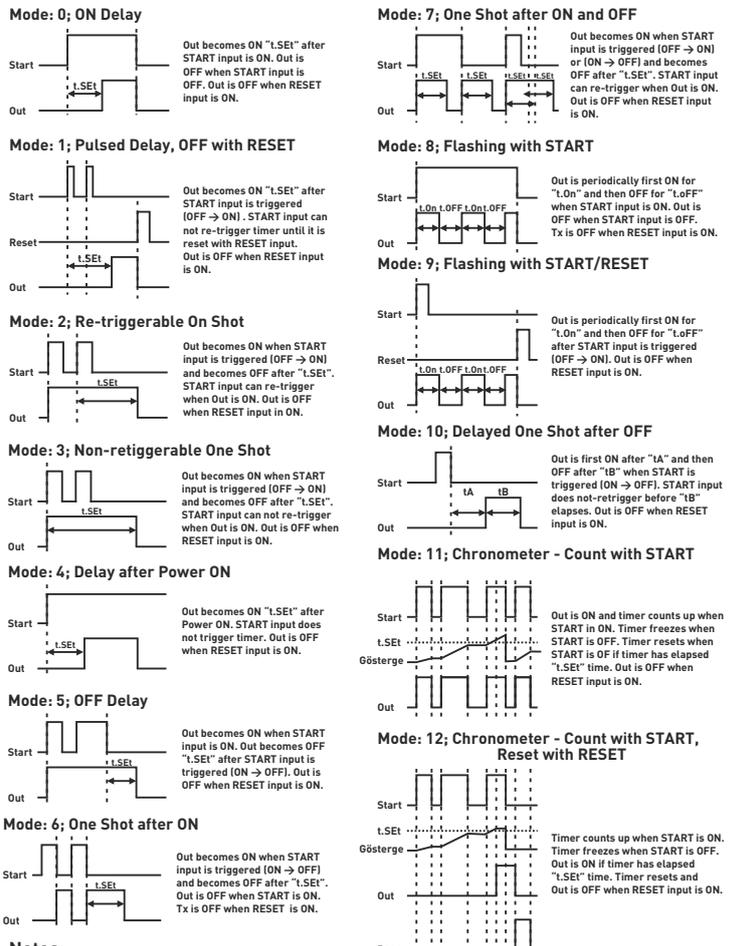
Front Panel RESET:



Selecting Time Base & Modes:



Modes of Operation:



Notes:

- For modes 8 & 9; t.On and t.oFF are accepted as min. 000.1 sec, 00.01 and 00.01 hour.
- Timer counts up for mode 11 & 12, and down for other modes.
- For all modes; counting is inhibited (or frozen) when GATE is ON.