Tense

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

<u> Marning:</u>

- 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 precauitons 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

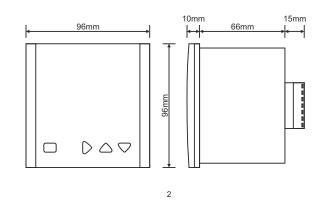
- : 91x91mm Panel Hole Size
- : 2x4 Digit 7 Segment display Display
- : START / RESET / GATE Inputs
- 3x230 VAC (0:0-50VAC, 1:150-240VAC)
- Inhibits count-down when GATE is ON.
 Out1, Out2; 2xRelay (NO-O-NC), 250VAC, 2A, Resistive load Gate Input Output
- Time base : Selectable; 99:59 hours / 99:59 minutes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

L1•--L2• 2A ФФ ₫ 2A 000 Į _ Load1 Load2 . 3 00 _ 240 VAC 50/60Hz 6VA ٠ Out1 RESET • 6 7 8 18 19 20 TAR ,no 9 10 Out2

Dimensions:

Connection ...

L3



MADE IN TURKEY

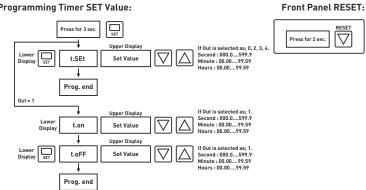
ERD-96M ENG

DIGITAL TIMER

C€

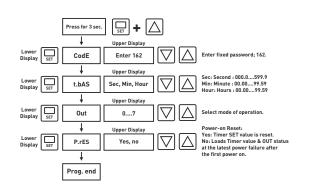


Programming Timer SET Value:



1

Selecting Time Base & Modes: ...



3



Mode: 0; Pulsed Delay, OFF with RESET

Modes of Operation:

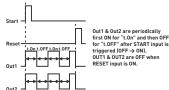
Out1

Out2

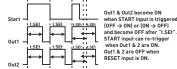
when RESET input is ON t.SEt

Mode: 1; Flashing with START/RESET

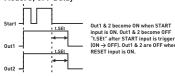
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Mode: 2; One Shot after ON and OFF



Mode: 3; OFF Delay

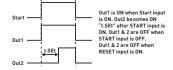


Notes:

• 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

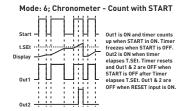
Mode: 4: Follow & ON Delay



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Mode: 5; Delayed One Shot after OFF

Start	tA tB	Out1 & 2 are first ON after "tA" and then OFF after "tB" when START is triggere (ON → OFF). START input does not re-triggered before "tB" elapses. Out1 & 2 are
Out1		
Out2		OFF when RESET input is ON



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

