

⇒ Programming Procedure

Level-1 (User Level)

Press SET key for 2-3 secs. to enter this mode.

The display shows:

t o n
1 0 0 0

This parameter is the On-time of the relay.

Note that the leftmost digit will be blinking.

To change the parameter, to say '2500' follow the steps as given:

- 1) First press the shift key '◀' until the blinking shifts to the hundredth place.
- 2) Press the increment key '▲' till the digit shows 5. the display will now show the following :

t o n
1 5 0 0

- 3) Now press the shift key '◀' again to shift the blinking to the last digit.
- 4) Repeat step 2 to increment the last digit to '2'. Now the display will show the required value:

t o n
2 5 0 0

- 5) Now, once the required value is displayed, press set key to save the new value and the display will show the next parameter i.e. the off-time of the relay(**toFF**). This parameter can be changed similar to **ton** and pressing the **SET** key will exit the setting mode. Now the unit will go into the standby mode where the upper display will show the process time and the lower display will show the new set time.

Level-2 (Configuration Level)

To enter this level of setting, press '▲' and '◀' keys simultaneously for 4 ~5 seconds. The upper display will change to the description of the parameter and the lower display will show the status of that parameter.

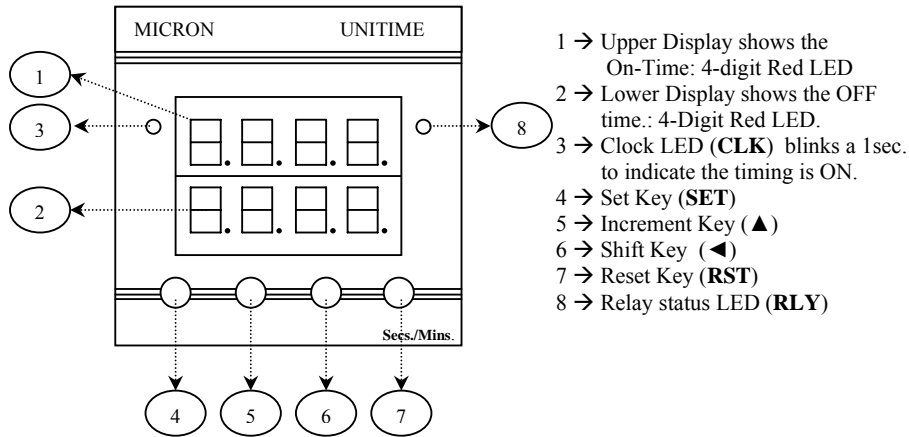
Pressing the '▲' key can change the displayed status and the next parameter can be viewed/changed by pressing the **SET** key.

The description and options of the various parameters are shown as below:

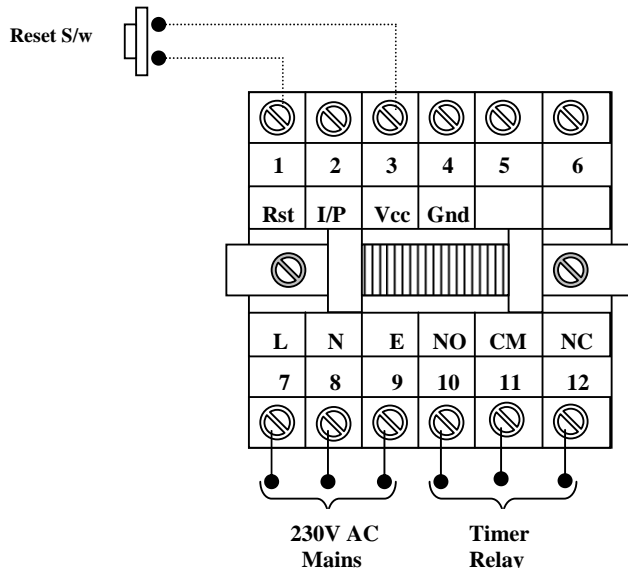
Parameter Display Code	Name	Description
C n t	Counting	Set to ' UP ' for Up-counting and ' doWn ' for down counting.
t I M E	Time factor	Set to ' Min ' for minutes and ' SEC ' for seconds
r A n G	Range/Resolution	Set to ' 9999 ' for 1 min./sec. Resolution and ' 999.9 ' for 0.1 min./sec. Resolution.

Note that in this level of programming, the parameters changed are instantly reflected on the unit and cannot be reverted back to the previous values. So take care to note down the previous settings before changing the parameters.

⇒ Front Panel Description



⇒ External Wiring Diagram:



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Micro controller Based Timer Instruction Manual

⇒ Introduction

This timer is basically a single relay output cyclic timer with programmable ON and OFF times. The unit also has a flexibility of setting the mode of counting (up counting or down counting), and range of timing (0.1 seconds to 9999 minutes). The unit can be programmed through the tactile switches provided on the front and the corresponding relay output status and clock is shown on the front by two bright Red LEDs.

⇒ Specifications

- | | | |
|------------------------|---|---|
| 1. Range | : | 000.0~999.9/0000~9999 mins/secs.. |
| 2. Resolution | : | 0.1/1 mins./secs. |
| 3. Counting | : | Up counting |
| 4. Power-on-condition | : | Power-on-reset . |
| 5. Memory Retention | : | About 100 years |
| 8. Power Supply | : | 230V AC,50Hz ± 10% |
| 9. Relays | : | Relay 1C/o, 5A, resistive contacts |
| 10. Reset Facility | : | Through RST key on front or on Power ON |
| 11. Cutout Dimensions | : | 68mm(H) x 68mm(W) |
| 12. Overall Dimensions | : | 72mm(H) x 72mm(W) x 113mm(D) |

For any further queries please contact:

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