



SPECIFICATIONS

LCD TIMER & COUNTER

Display	: LCD, 7 1/2 digit, ht 8.0mm
Battery Life	: 8 Years
Speed Selection	: For Counter Mode(Contact type) 1) 100Hz (Default) 2) 14Hz
Range Selection	: For Timer Mode 1) 199999.99hrs (default) 2) 1999.59:59 (HHHH.MM.SS)
Signal Input	: Selectable using switch : Potential free contact : 24-260 V AC/DC
Counting Direction	: Up
DIP Switch	: PWR : Unit On/OFF MODE: Timer/Counter INPUT: Voltage/Contact
Reset Input :	
1) Terminal Reset	: Short terminals 3 & 4
2) Front Reset	: Enable & Disable using Software selection : Press front key momentarily
Housing Mounting	: Flame retardant plastic
Temperature	: Panel mounting : Operating : 0 to 50°C Storage : -20 to 75°C
Humidity	: 95% RH
Weight	: approx. 60gms

Please maintain these instructions and review them before using the unit :

△ Safety Information

Caution

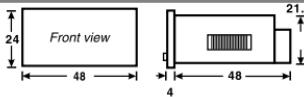
- This unit is intended for outdoor use.
- Avoid inflow of dust and contact of conductive material with the internal circuitry of the unit.
- The unit must not operate in presence of heating sources, caustic vapors, oil, steam, vibration or impact etc.
- Clean the equipment with a clean soft cloth. Do not use any organic cleaning agent.

Installation suggestion

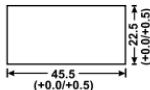
For a good industrial environment, where there is a low "noise" level there is little danger of interference. However, it is necessary to take the following precautions to have proper operation of the unit.

- Input cable : The connection between the unit and the input device should be made via a 2 core screen cable.
- The screen must be earthed at only one point, but that point can be at either one or the other end of the cable.
- The input circuit should not be interrupted by the contacts of the contactor, if such contacts need to be used then contactor and relay suppression is essential.
- If the length of the cable exceeds upto 5m, it would be necessary to use a local relay and command that relay from a distance.

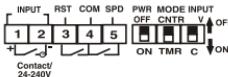
DIMENSIONS (in mm)



Panel Cutout :



TERMINAL CONNECTIONS



Speed selection in LTC9A (only for C-type counter mode)	
14Hz	Short terminal 4 & 5
100Hz (default)	Remove Shorting 4 & 5

To turn off the LCD: Press **■** key for 7sec

CONFIGURE SCHEME

Note: Long press **■** key for 3sec at complete power ON to enter configuration mode. Entry to configuration is available only for 6sec after power ON.

For Timer:-

Press ■ key for 3sec to enter programming for Front reset	Default : No
Front panel reset	Default : No
FF-4	FF-4
FF-1	Front panel reset : Yes / No Yes : Unit can be reset from the front panel. No : Unit cannot be reset from the front panel.
Press ■ key for 3sec to enter programming for Range Selection	Default : Hours
Range Selection	Default : Hours
HHH:MM:SS	HHH:MM:SS
ONLY FOR TIMER	Range Selection: HHH:MM:SS : 1999:59:59 (HHHH.MM.SS) HOURS : 1999999.99hrs (default)

(Specifications subject to change as development is a continuous process.)

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