



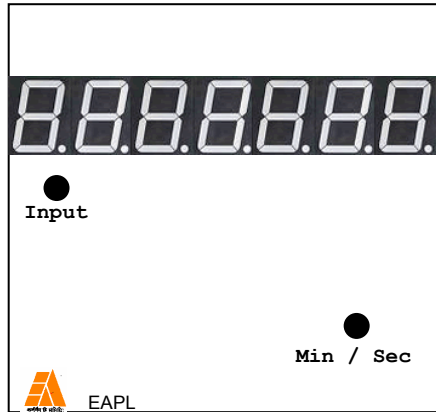
OPERATING INSTRUCTIONS
Model : : HM-300

OPI No.: OPI/072

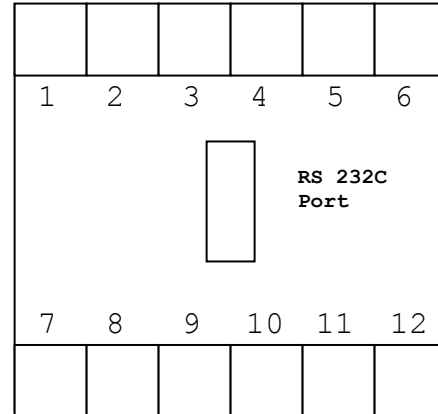
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DATE : 25/6/2007

Front panel layout:



Connection details



- 1, 2: Start Signal
24V to 240V AC/24V to 220 VDC
5, 6: Reset Terminal
11, 12: Source Terminal
85-270 VAC/DC

Function:

HM-300 is a Hour meter with 7 digits display in 72x72 mm DIN enclosure. The range is from 1 to 9999999 hours with a provision of communication port RS 232 for printing the data, through RS 232 port.

How to operate:

1. Apply the rated voltage of 85-270 VAC/DC to the source terminals 11 & 12.
2. Connect RS-232 interface cable to the female socket provided at the rear end.
3. Apply start signal voltage of 12V to 240 VAC/12 to 220 VDC to terminals 1 & 2. Unit starts running. Flashing of the LED ensures the unit is working.
4. Display increments by 1 count for every hour.
5. By removing the start signal at terminal 1 & 2, the flashing of the LED stops.
6. By pressing the switch provided on the front panel, display shows the elapsed minutes and seconds. By releasing the switch again display shows elapsed hours.

7. The data can be viewed on terminal v 1.9b free downloadable software provided by "Bray++". For downloading, use <http://bray.velenje.cx/avr/terminal> or use following path to view on Hyper terminal on windows 2000 or Windows XP.

START>>PROGRAMS>>ACCESSORIES>>COMMUNICATIONS>>HYPER TERMINAL

8. Select the baud rate of 9600.

9. Format of transfer shall be

EAPL HM300 : 0 HRS; 00 MIN; 01 SEC

10. By shorting terminals 5 & 6, the unit reset to 0000000 and waits for fresh start signal.