



EMC AUTOMATION PVT. LTD.

Counters

INDEX

UNIVERSAL COUNTERS

Specification :

1. **No. of digits** : Maximum 8 Digits.
2. **Display** : 16 x 2 line LCD display.
3. **Settings** : All setting by keyboard.
4. **Input Pulse** : a) 230 VAC/110 VAC pulse through contactor OR limit switch. OR
b) 10-30 VDC Proximity switches three wires PNP-NO-type. OR
c) Any 10-30 VDC pulse.
5. **Maximum Speed of count** : 200 counts / Sec.
6. **Minimum pulse width of pulse** : 1 msec.
7. **Counting Method** : Up counting
8. **Control O/P** : 1 c/o relay contact rated at 3A/230 VAC
9. **Reset Methods** :- a) Manual reset by key-always valid.
b) Auto reset – If selected, Auto reset time programmable by keyboard.
c) Power on reset, if selected count will reset to all zero at power on & count will start from zero.
d) Power on reset & auto reset – if selected, combination of B & C.
10. **Count display** : a) Set value : 8 digits.
b) Actual value : 8 digits.
c) Total Count : 8 digits
d) Batch Count : 4 digits.

Note :

- Batch count advances by one after every set count is over.
- Batch count & total count can be reset by keyboard selection only.

11. Count Memory : count memory for a) Actual Count b) Total Count c) Batch Count

12. Keyboard : All setting & display page change through keyboards only.



13. Terminations : All terminations for supply, relay, pulse input etc. at back of unit.

14. Power : 230 VAC +/- 10%, 50 Hz, Single Phase or 24VDC

15. Size : a) Overall : 96 x 96 x 120 mm
b) Cutout : 90 x 90 mm

Options : a) External Reset - By 230 VAC Pulse or 24 VDC Pulse.
b) Extra Alarm Output : one N.O.C. relay contact for additional alarm O/P.

Note :- Please specify the options at the time of order only.