



EMC AUTOMATION PVT. LTD.

Programmable Logic Controller

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INJ - 02 PLC

Specification :

1. LCD DISPLAY :

No. of Dots	: 240 x 128 dots
View Area	: 111mm x 64mm
Dot Size	: .4mm x .4mm
Dot Pitch	: 0.45mm x 0.45mm
Operating Temperature	: 0 to 50°C.
Max. No. of Line	: 14

2. SMPS card for control unit.

3. Main card for control function.

4. Temperature reading card for 6 zones.

5. Total outputs – 32 Nos. including heatings.

6. Total Inputs – 24 Nos.

7. +24V/12A power supply for valve & Limit Switch, Control unit - Optional

8. Size of hand control unit 270 x 190 mm.

9. Size of PLC box 377 x 177 x 201mm. (L) (H) (D)

10. Counters : 1, Upto 99999999 counts. 48 counters of 4 digits hourly count.

11. Temperature Range : 0 to 400°C.

12. Type of Thermocouple : Fe/Const. (J type)

13. Accuracy of Indication : $\pm 1^\circ\text{C}$ ± 1 digit.

14. Control Accuracy : Typical 1%.

15. Control Action : Time proportional.

16. Ambient compensation : Automatic.

17. Lineraisation of Thermocouple : By software.



18. Timer's Range : 000.0 to 999.9 seconds

19. Accuracy & Repeatability : +.01%.

20. Time Base : Quartz crystal.

21. Counting Mode of Timer : Down counting type.

22. Sequence of operation : As per customers requirement

23. Counter Pulse : Internally from timing sequence.

24. Operating Mode : Fully, Semi, Manual.

25. Operating Temperature : 0-50°C.

26. Supply of voltage : a) Supply to PLC – 24VDC $\pm 10\%$. b) Supply to valves, Contactors, Proximity Switches 24VDC – use of Isolation Transformer (3 phase to single phase SMPS for 24VDC is recommended...

27. Dimentions : Rack Mountable.