



EMC AUTOMATION PVT. LTD.

Programmable Logic Controller

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PLC HP- 14

Specification :

1. No. of Temperature Channels : Max. 8
2. No. of Timer : 50
3. No. of Limit Switches & Hand Control : Max. 32, 24 V DC
4. No. of Control Output : Max. 32, 24V/2A Transistors.
5. Counters : Upto 99999999 counts,
6. Temperature Range : 0 to 400°C.
7. Type of Thermocouple : Fe/Const 'J' type or K type
8. Accuracy of Indication : $\pm 1^{\circ}\text{C}$, ± 1 digit.
9. Control Accuracy : Typical 1%.
10. Control Action : Time proportional.
11. Ambient Compensation : Automatic.
12. Lineraisation of Thermocouple : By software.
13. LCD Display : 20 Char. 4 Line LCD Display.
14. Size of Hand Control Unit : 130 x 150 mm.
15. Timer's Range : 00.00 to 99.99 second.
16. Accuracy & Repeatability : $\pm .01\%$.
17. Time Base : Quartz crystal.
18. Counting Mode of Timer : Down counting type.
19. Sequence of Operation : As per customers requirement.
20. Counter Pulse : Internally from timing sequence.
21. Operating Mode : Auto & Manual.
22. Operating Temperature : 0-50°C
23. Supply of Voltage : 24VDC $\pm 15\%$
24. Dimentions : Rack Mountable.



Other Features :-

1. Programming of all parameters through keyboard.
2. Non volatile memory for protecting programmed parameters during power failure.
3. Key locking to prevent unauthorized access of keyboard operation.
4. Testing of all Input, output devices, such as output valves, limit switches, proximity switches, thermocouple Inputs, keyboard & displays.
5. Clear text for all timers, Inputs, outputs, for easy programming & operation.
6. Exclusion of any temperature channels and timers from sequence of operation.