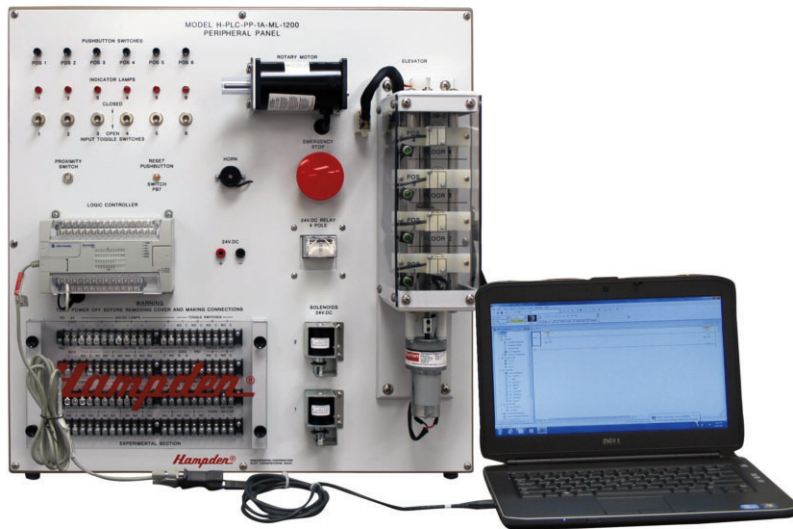


Programmable Logic Control Trainers

Educational Training Equipment for the 21st Century

Bulletin 296K



H-PLC-PP-1A-ML-1200 Programmable Logic Controls Training System

MODEL H-PLC-PP-1A-ML-1200 Programmable Logic Controls Training System shown is the H-PLC-PP-1A Peripheral Panel, the Allen Bradley ML-1200, the H-LTCS Laptop Computer and the Allen Bradley RSLogix Micro Software

Purpose

The Hampden **Model H-PLC-PP-1A-ML-1200** Programmable Logic Controls Training System offers a complete package that provides students with an industry standard PLC and hardware that allows them to design, connect and debug real-world circuits.

The Hampden **Model H-PLC-PP-1A-ML-1200** Programmable Logic Controls Training System provides students with hands-on experience, utilizing standard commercially available programmable logic controllers interfaced with actual input and output devices.

The student gets hands-on experience with:

- Interconnection Wiring
- General Programming Information
- Ladder Diagram Programming
- Programming Trainers
- Counters and Timers
- Motor Control
- Self-Diagnostic Function
- Power Failure Protection

Description

The Hampden **Model H-PLC-PP-1A-ML-1200** Programmable Logic Controls Training System is a complete system that utilizes an Allen-Bradley MicroLogix 1200 PLC linked with a Hampden Peripheral Panel. The Allen-Bradley PLC is a state-of-the-art, high capacity, self-contained system with 6K Word Instruction capacity, a power supply, 24 VDC inputs and 16 relay outputs, mounting rack, the Hampden **Model H-LTCS** Laptop Computer System and the Allen Bradley RSLogix Micro Software in one complete package.

The Hampden Peripheral Panel provides input and output devices for use with the MicroLogix 1200 Programmable Logic Control. Mounted on the equipment panel are the following:

- (1) Emergency disconnect relay with reset switch
- (1) Pushbutton reset switch
- (6) Switches, toggle
- (1) Proximity switch
- (6) Pushbuttons
- (6) Lamps, 24 VDC
- (2) Solenoids, 24 VDC

- (1) Control relay, 4-pole
- (2) Power supply, 24 VDC, 2.5A
- (1) Rotary motor, 24VDC
- (1) Horn, 24 VDC
- (1) Lead screw elevator training device complete with reversible gear motor, four positioning switches and two limit switches, and four neon lamps
- (1) Electromagnetic circuit protector 15 ampere, with neon pilot light indicator
- (1) Duplex receptacle, 15 ampere
- (1) Interconnection cord set (65)

The above components are brought to terminal strips which are to be connected to the ML-1200 Programmable Logic Controller via the provided interface cables.

Input Voltage

1Ø AC 50/60Hz via 3/c 6 ft. power cord

Other PLC's

- Compac Logix PLC
- ML-1100 PLC
- Siemens S7-200 PLC

All Hampden units are available for operation at any voltage or frequency

Hampden
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