

H-PLC-500-FT Programmable Logic Controller

Purpose

The **MODEL H-PLC-500-FT** Programmable Logic Controller shall consist of the Hampden **MODEL H-SLC-500** Programmable Logic Controller mounted on a common machine frame with combination **MODEL H-PLC-FT** Interface Module with emergency disconnect.

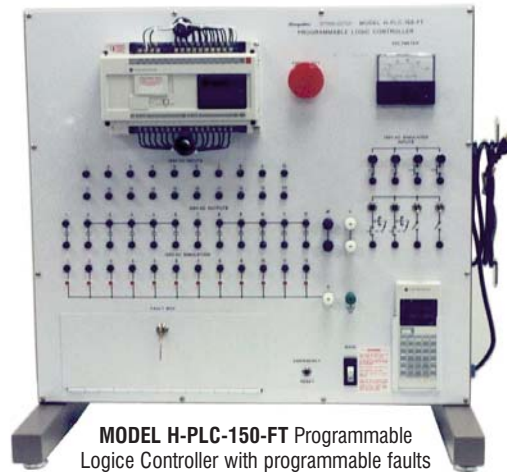
MODEL H-SLC-500 Programmable Logic Controller

Purpose

The Hampden **MODEL H-SLC-500** Programmable Logic Controller 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 on interconnection wiring, general programming information, ladder diagram programming, programming trainers, counters, timers, and self-diagnostic function, and power failure protection.

Specifications

- Input Voltage:
85-132VAC 50/60Hz via a 6ft. power cord
- Power Consumption:
5VA
- Operating Temperature:
0-60°C
- Operating Humidity:
5 to 95%
(without condensation)



MODEL H-PLC-150-FT Programmable Logic Controller with programmable faults (shown)

Function Specifications

Processor Unit

The SLC-500 fixed hardware style shall include a CPU with 1000 Instruction capacity, a power supply and a 30 I/O in one complete slot. Also has capacity for accepting an optional two slot expansion rack.

Power Supply

The Power Supply provides power at 5V.AC and at 24V.AC for modules in the optional expansion rack.

I/O Configuration

Provides (18) 1Ø AC inputs and (12) relay outputs. Each with status LED Indicator.

Input Voltage

85-265V.AC 50/60Hz via a 6 ft. power cord.

H-LTCS Laptop Computer

Description

The Hampden **MODEL H-LTCS** is a fast, rugged, expandable, system that is built to stand-up to the heavy demands of an educational environment.

Plenty of expansion capacity in addition to the highest quality components have made the Hampden **H-LTCS** a performance leader.



Programming Option

Provide (1) **H-SLC-500-RS-LOGIC** programming and documentation software package

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

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Programmable Logic Control Trainers

Educational Training Equipment for the 21st Century

MODEL H-PLC-FT Interface Module

Description

The Hampden **MODEL H-PLC-FT** Interface Module shall consist of the desk mounting frame designed for the mounting of the **H-SLC-500** Programmable Logic Controller.

The **H-PLC-FT** shall consist of:

- a main circuit protected switch with pilot light
- emergency pushbutton with holding relay
- eight simulated inputs
- twelve LED simulated outputs
- sixteen fault-insertion toggle switches
- sixty-four Hampden HR-1S color-coded socket receptacles
- six HB-3M binding posts
- silk-screened nomenclature

Unit comes with one set of Hampden PP series interconnection cords.

Courseware package and Allen Bradley Manuals

Power Input:

120V AC 60Hz

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

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