

# Programmable Logic Control Trainers

Educational Training Equipment for the 21st Century

Bulletin 295-100B

## H-PLC-PPA Controller Board

### Purpose

The **Model H-PLC-PPA** Controller Board provides students with hands-on experience, utilizing standard commercially available programmable logic controllers interfaced with actual input and output devices. The student gets hand-on experience on interconnection wiring, general programming information, ladder diagram programming, programming trainers, counters, shift registers, LET instructions, IF instructions, and specific programmer operations including self test, error messages and codes.

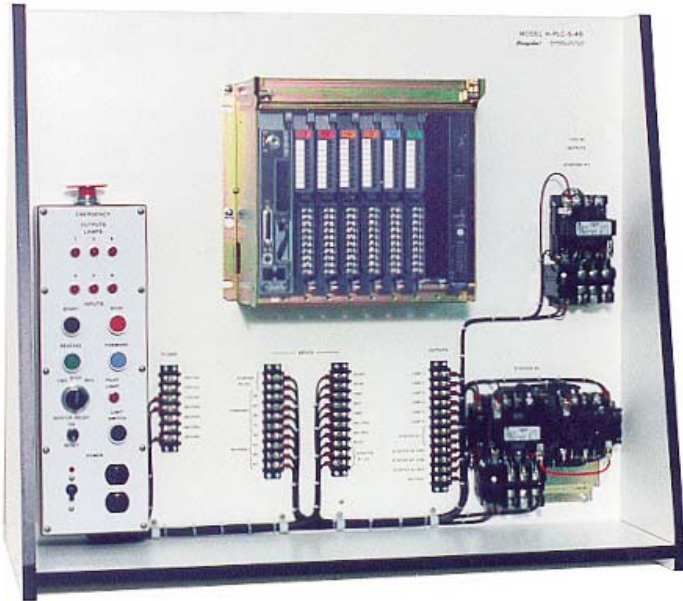
### Description

The Hampden **Model H-PLC-PPA** consists of a wood core Melamine white panel with various mounted devices and room for owner's existing programmable logic controller.

### Specifications

#### H-PLC-PPA A-Frame Controller Board:

- I/O device surface enclosure with:
  - four (4) pushbuttons
  - one (1) selector switch
  - one (1) pilot light
  - one (1) limit switch
  - one (1) duplex
  - one (1) main circuit breaker, 15A with pilot light
  - six (6) output pilot lights
  - one (1) emergency disconnect pushbutton
- Terminal strips (4)
- Three-phase magnetic starter for control of Hampden rotating machines or other devices
- Three-phase magnetic reversing starter for control of Hampden rotating machines or other devices
- Power cord 3/c #16 wire eight-foot long with cord holder



**MODEL H-PLC-PPA** Controller Board  
with Optional Programmable Logic Controller  
**Dimensions:** 31-1/2"H x 37"W x 18"D

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

**Hampden**<sup>®</sup>  
ENGINEERING CORPORATION