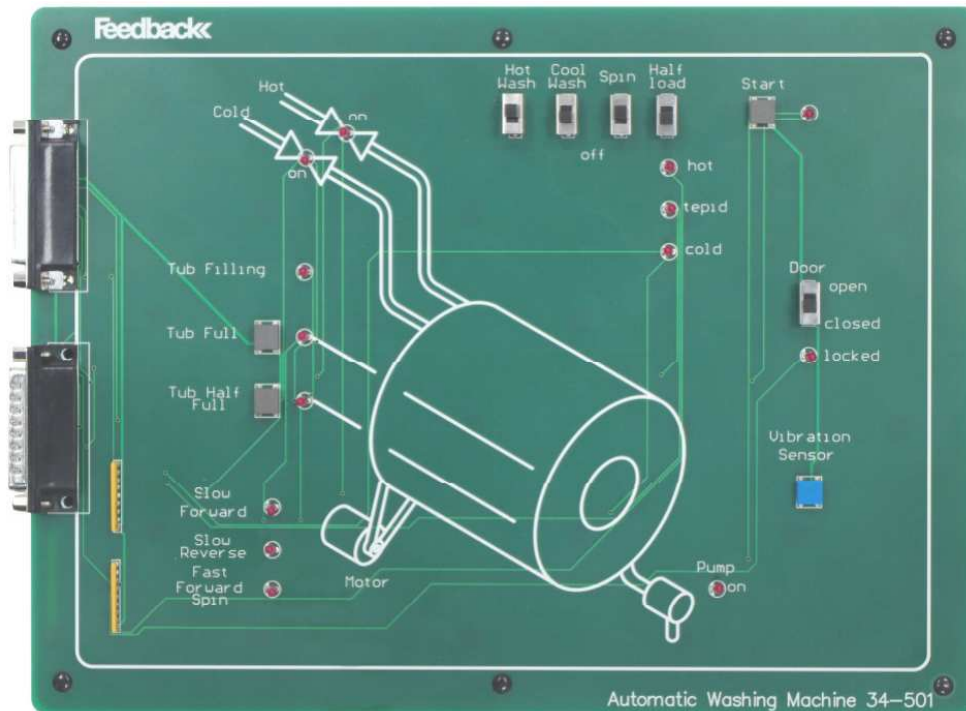


Automatic Washing Machine - PLC application 34-501



Introduction

Programmable Logic Controllers (PLCs) are used extensively in many manufacturing processes and control applications being readily programmed and reprogrammed when variations in the controlled process are required.

Description

Initial program conditions can be set by switched selection. This allows the development of several different programs that can be used as conditional jumps; depending on how the initial conditions have been set. Using push-button switches to simulate interrupt conditions, such as unbalanced drum load, more complex control problems can be developed.

Features

- Demonstrates sequential control
- Initial process conditions can be set
- Demonstrates the use of simple interrupts
- Low cost PLC application

Curriculum Coverage

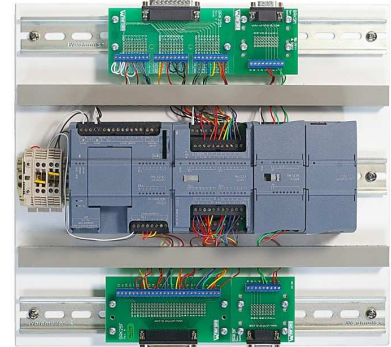
- Fundamentals of logic
- Basics of PLC programming
- Developing Ladder Logic Programs
- Programming Timers

PLC Digital I/O Pack and Digital I/O Pack Pre-Wired Options

PLC programs are available for Allen Bradley, Mitsubishi and Siemens. The PLC options include Digital I/O Pack or Digital I/O Pack pre-wired versions. The pack includes PLC hardware, PLC Programming software, Power supply and leads.

PLC Pre-Wired Boards

Available on a pre-wired board, with the appropriate PLC pack wired to multi-way connectors, enabling plug and play capability with the range of PLC applications.



Ordering information

Automatic Washing Machine – PLC application

34-501

PLCs – essential, can use your own or purchase as follows:

	Digital I/O Pack	Digital I/O Pack Pre-Wired
Mitsubishi	34-020	34-020-1
Allen Bradley	34-040	34-040-1
Siemens	34-060	34-060-1



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