PROGRAMMABLE LOGIC CONTROLLER TRAINING KIT

PLC-FPOC14S

EDU-LABS

BUATAN MALAYSIA
MADE IN MALAYSIA

The EDU-LABS Programmable Logic Controller Trainer are powerful and flexible systems ideally suited to your specialized needs. Panasonic's NAIS is a leader in industrial automation and many factories commonly use their products. The systems in our trainers are compatible with a variety of accessories and peripherals, thus allowing them to be easily expanded into larger systems. This trainer is suitable for the students to develop competence in operating, programming, and troubleshooting modern PLC control circuits. Several models of trainers are available in different sizes. These trainers are Basic Training Package, intermediate training package and advanced training package according to their difficulty level and equipment needed. A student experiment manual is provided to guide the student through the experiments. The experiments are chosen to cover the topics from basic familiarization of the PLC up to programming and applications.

Specifications
- PLC module built-in 8 inputs and 6 outputs Binding Post socket for external interface
- PLC module NAIS FPO-C14RS with built-in standard of 8 inputs and 6 outputs
- Programming port RS232C with programming cables

- o 24VDC Power Supply Module
- o 4 integrated input toggle switches
- o 4 integrated input Push To ON switches
- o 6 integrated output Pilot lamp indicators
- o Input & Output Voltage Polarity Module
- o 24 integrated Binding Post Socket for :
    - o 8 inputs
    - o 6 outputs
    - o 2 points of 24Vdc
    - o 2 points of 0V
    - o 6 points of Traffic Light
- o Operation voltage: 240 VAC, 50Hz, 5A Fused Protected
- o PLC Programming software (Student Evaluation Version) (Windows XP Version)
- o Manual in CD complete with examples sample programs
- o RS-232C Programming Cable
- o Power Cord

Programming Examples
- o Example 1: Utilization of Toggle Switch and Push Button
- o Example 2: Utilization of Counter
- o Example 3: Utilization of Delay-ON Timer and Internal Relay
- o Example 4: Function of Trailing Edge Differential (DF/)
- o Example 5: Function of Master Control Relay (MC) and Master Control Relay End (MCE)
- o Example 6: Application of Counter
- o Example 7: Application of Timer in Running Light

Simulation Experiments (Wiring Exercise)
- o Experiment: 4-Way Traffic Lights Control Simulation

Power Supply: 240VAC, 50Hz (Fused Protected)
Dimensions: (W x D x H) 310 x 300 x 100mm
Weight: 2.0 kgs

Note: Specification, Layout, Design etc. May Change Without Prior Notice For Products Continuous Development Process.