



PLC Module Trainer

Category: Mechatronics · Model reference: MZM-2004



SPECIFICATIONS

Description:

This trainer is suitable for basic Factor Automation training as it provide flexibility to integrate sensor, PLC, Relay, timer, counter and conveyor based on the student creativity.

Content:

- Outline of Control
- Installation Work
- Switches
- Protective Structure
- Sequence Circuits
- Symbols
- Relays
- Sensor Output Forms
- Timers
- Internal Schematic Diagram of Sensors Counters
- Handheld Programming Console Operations (Not applicable for CP1E PLC)
- Sensor
- PLC Internal Processing
- Programmable Logic Control
- PLC Errors & Solutions
- List of Items, Materials & Parts used

This trainer is complete with over 20 experiments. Each experiment identifies the objectives, gives a background briefing, explains the procedures, and the student is required to answer a series of observation and assignment.

LIST OF COMPONENTS

- PLC : CPM2A/2AH-30CDR-A 30I/O or CP1E-E30DR-A
- Handheld Programming Console (Not applicable for CP1E PLC)
- Proximity Sensor
- 4 types of Photo-electric Sensor
- FA Kit Briefcase
- FA conveyor training Kit
- Timer
- Counter
- Single pole Double pole Relay
- Double pole Double Relay
- Plastic Casing
- Relay Socket
- Timer Socket
- Training Manual (Student & Lecturer)
- Cables

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