

Basic PLC CP1E

Category: Mechatronics · Model reference: MZM-2015



SPECIFICATIONS

Description:

MZM-2015 is a complete training system, introducing the student to the operation, programming and troubleshooting of modern industrial programmable logic controllers. A complete curriculum is provided incorporating many learning activities related to basic sequence, circuit flow, ladder logic programming and trouble shooting. Many activities reflect realistic industrial applications. This product, together with its associated student manual and programming manual, creates a complete introductory course in PLCs, for industrial training applications as well as in the educational learning.

Features:

- Works with Existing Equipment
- Equipped with manual switches to simulate all inputs
- Equipped with indication lights to simulate all outputs
- Open system. Ready to communicate with personal PC
- Accommodates other PLC Brands too
- Easily and Portable
- Shortage-circuit protection
- Allows for attachment to external devices.
- Easy connect ability to existing motor sensors, valves and switches through
 - standard banana jacks
- Can be combined with other control devices relating to industrial sensors and others Mechatronics training equipment.

Component Specification:

The system consists of the following standard items.

PLC Main Unit:

- CPU Type : CP1E with 20 I/O points
- Power supply : 220/240 VAC
- No. of Inputs : 12 points
- No. of Output : 8 points
- Output : Relay Type
- Program Capacity : 2K steps
- Data Release : MZM-ZUL
- Data Memory Capacity : 2K words
- Power Supply : 24VDC 2.1A
- Input Terminal : 2MM Banana Jack
- Output Terminal : 2MM Banana Jack
- Input Switch : Toggle Switch
- Simulation Indicator : LED Lamp

PLC APPLICATION MODULE : (Optional)

MZM-2015A-INPUT OUTPUT MODULE

- Selection Switch : 1ea
- Push Button Switch : 3 ea
- Toggle Switch : 4ea
- Output Lamp : 2ea
- Buzzer (DC24V) : 1ea
- Output Terminal : 31ea

MZM-2015B-SENSOR UNIT MODULE

- Capacity Proximity Sensor (DC24V) : 1ea
- Inductive Proximity Sensor (DC24V) : 1ea
- Electrical Limit Switch : 1ea

MZM-2015C-SIGNAL CONTROL MODULE

- Signal System : Traffic Signal Crosswalk Signal
- Road Way : Cross-road
- Signal Lamp (DC24V)
- Interface

- Terminal : 2mm Jack

MZM-2015D-RELAY MODULE

- Relay : 4 PDT (3ea)
- Input Voltage : DC 24V
- Contact : DC 24V 3A
- I/O terminal : ø2

Warranty

12 months warranty against manufacturing defects



