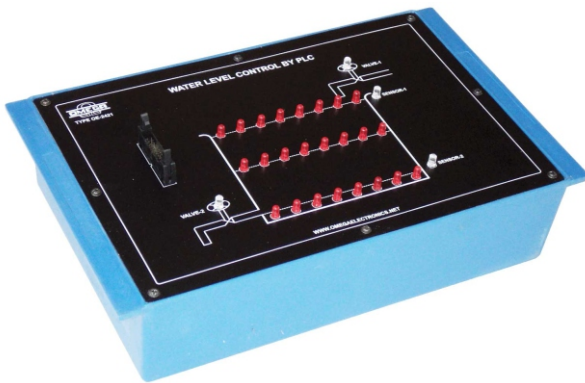


WATER LEVEL CONTROL BY PLC
OMEGA TYPE OE-2421



Omega Type OE- 2421 Water level control enables Students and practicing Engineers to gain invaluable practical experience of the principles and application of Programmable Logic Controllers.

The objective is to connect and program an external Programmable Logic Controller to monitor and control the level of water in a tank system.

Water level controlling is shown with the help of LEDs. The module is connected with output of PLC. Two valves for filling and draining water are shown, for indicating ON/OFF condition of valve LED is used. Filling of tank is indicated by two sensors positioned to sense maximum and minimum water levels of tank.

FEATURES

- 01 User friendly and powerful instruction sets.
- 02 Ready to use application board.
- 03 Exhaustive learning material

SCOPE OF LEARNING

- 01 Study of water level.
- 02 Study and use of timers and memory bit.
- 03 Water level control by PLC through ladder program.

TECHNICAL SPECIFICATION

- 01 Interface : 20 pin FRC cable with PLC (OE-2401 A/B /C)
- 02 Input pin voltage : 24 V DC when particular i/p is activated from PLC
- 03 Output pin voltage : 5 V DC when particular o/p is activated from PLC
- 04 Power supply : From PLC of 2401
- 05 Dimensions (mm.) : W340 x H125 x D210
- 06 Weight : 1.54Kg. (approximately)
- 07 Operating Conditions: 0 - 40 C, 85% RH

LIST OF ACCESSORIES

- 01 Operating manual

ELEVATOR CONTROL BY PLC
OMEGA TYPE OE-2422



Omega Type OE- 2422 Elevator control by PLC enables Students and practicing Engineers to gain invaluable practical experience of the principles and application of Programmable Logic Controllers.

The objective is to connect and program an external Programmable Logic Controller to monitor and control elevator system.

Elevator controlling model is shown with the help of switches and LEDs. The module is connected with input and output of PLC. Three floors as shown on board, and switches are used to call and go to the desired floor. LED's indicate the current floor on which elevator is present. The elevator model board is made in such a way that students can understand how elevator can be controlled using PLC and get familiar with inputs and outputs of PLC.

OBJECTS

- 01 Study of elevator.
- 02 Study and use of latch switches and timers.
- 03 Elevator control by PLC through ladder program.

FEATURES

- 01 User friendly and powerful instruction sets.
- 02 Ready to use application board.
- 03 Exhaustive learning material

TECHNICAL SPECIFICATION

- 01 Interface : 20 pin FRC cable with PLC (OE-2401 A/B /C)
- 02 Input pin voltage : 24 V DC when particular i/p is activated from PLC
- 03 Output pin voltage : 5 V DC when particular o/p is activated from PLC
- 04 Power supply : From PLC of OE-2401A/B/C
- 05 Dimensions : W340 x D210 x H125 (mm)
- 06 Weight : 0.7Kg. (approximately)
- 07 Operating Conditions: 0 - 40°C, 85% RH

LIST OF ACCESSORIES

- 01 20 Pin FRC cable01
- 02 Operating Manual01

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS