



OMEGA TYPE OE- 2423A Traffic light 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 a traffic light system.

Traffic light controlling is shown with the help of LEDs. The module is connected with output of PLC. Four way traffic is automatically controlled by PLC roads which meeting at a circle.

OBJECT

- 01 Study of traffic light.
- 02 Study and use of memory bit and timers.
- 03 Traffic light control by PLC through ladder program
- 04 Study of signal indications for two direction.

FEATURE

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

TECHNICAL SPECIFICATIONS

- 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
- 05 Dimension (mm) : W340 x H125 x D210
- 06 Weight : 0.7Kg (Approximately)
- 07 Operating Condition: 0 - 40°C, 85% RH

LIST OF ACCESSORIES:

- 01 20 Pin FRC cable01Nos.

OMEGA TYPE OE-2423B Traffic Light 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 Traffic Light Control system.

Traffic light controlling is shown with the help of LEDs. The module is connected with output of PLC. Four ways traffic is automatically controlled by PLC roads which meeting at a circle.

OBJECT

- 01 Study of traffic light.
- 02 Study and use of timers.
- 03 Traffic light control by PLC through ladder program.
- 04 Study of all three signals Red, Green and Orange i.e. Ready, go and stop. Having signal indications for all direction at any square.

FEATURE

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

TECHNICAL SPECIFICATIONS

- 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 OE-2401
- 05 Dimension : W340 X H125 xD210 (mm)
- 06 Weight : 0.7Kg (Approximately)
- 07 Operating Conditions : 0 - 40°C, 85%RH

LIST OF ACCESSORIES:

- 01 20 Pin FRC cable01Nos.

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

OMEGA ELECTRONICS