



52024 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.

Objects

- 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.

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 2401
- 05 Dimensions (mm.) : W340 x H73 x D210
- 06 Weight : 1.54Kg. (approximately)
- 07 Operating Conditions : 0 - 40 C, 85% RH

List of Accessories

- 01 20 Pin FRC cable01Nos.

Note: Specifications are subject to change.

