Scientech 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.

Features

- **User friendly and powerful instruction sets**

- **Ready to use application board**

- **Online product tutorial**

Scope of Learning

Study and use of:

- Traffic light

- Ladder Programming

- Timers

- Traffic light control by PLC through ladder program

- Study of all three signals Red, Green and Orange i.e. Ready, go and stop. Having signal indications for all direction at any square

Technical Specifications

Interface	:	20 pin FRC cable with PLC (Scientech 2400B/C/E/G/GN
Input pin voltage	:	24V DC when particular I/P is activated from PLC
Output pin voltage	:	5V DC when particular O/P is activated from PLC
Power Supply	:	From PLC
Dimension (mm)	:	W 255 × D 155 × H 80
Weight	:	300 gm (approximately)
Product Tutorial	:	Online on www.ScientechLearning.com
Operating Conditions	:	0-40°C, 85% RH
Included Accessories	:	20 Pin FRC cable - 1 no.
		Product Tutorial CD-1 no.

Subject to Change

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