



Elevator Control by PLC Sciencetech 2422 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 & 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.

Features

- User friendly and powerful instruction sets
- Ready to use application board
- Online Product Tutorial

Scope of Learning

Study and use of:

- Elevator
- Ladder Programming
- Latch switches and timers
- Elevator control by PLC through ladder program

Technical Specifications

Interface	: 20 pin FRC cable with PLC (Sciencetech 2400X Series)
Input pin voltage	: 24 V DC when particular I/P is activated from PLC
Output pin voltage	: 5 V DC when particular O/P is activated from PLC
Power Supply	: From PLC
Dimension (mm)	: W 255 × D155 × H 80
Weight	: 320 gm (approximately)
Product Tutorial	: Online on www.SciencetechLearning.com
Operating Conditions	: 0-40°C, 85% RH
Included Accessories	: 20 Pin FRC cable-1no. Product Tutorial (CD)-1no.