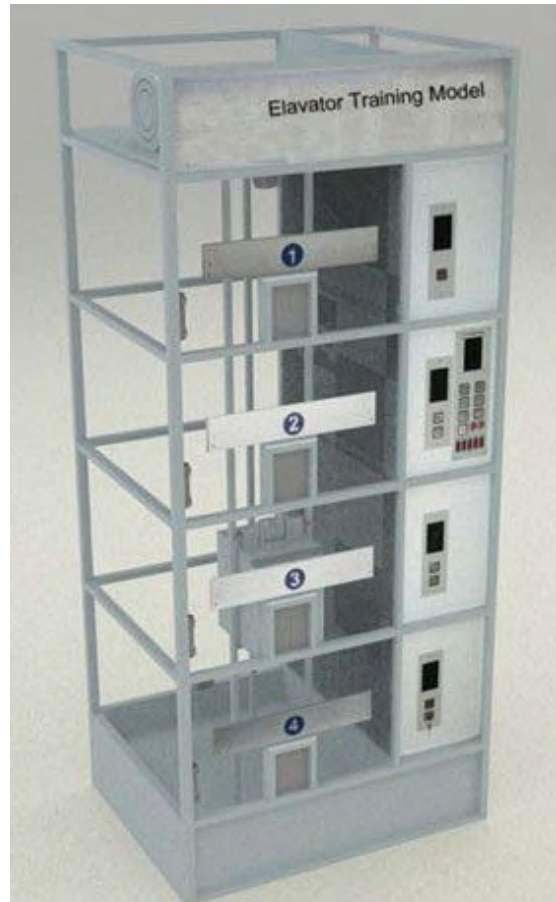


PLC TRAINING SYSTEM WITH ELEVATOR CONTROL APPLICATION

MODEL: BSP02-J



FEATURES

- Robust and modular construction
- Easy and versatile operation
- Self contained system with complete instrumentation
- Prepares trainees for demands of industry
- Electro mechanical system with PLC control

DESCRIPTION

This trainer is designed for students to get familiarize with real life factory automation system. Operation and control of an Elevator is demonstrated. Various electro-mechanical components are controlled by a PLC. Controls of elevator like Call Car, Inner Call, Door Open, etc are demonstrated. This is four floor elevator simulator. The equipment has facility to interface with PLC.

INSTRUCTION MANUAL

Self explanatory operating manuals are provided with each system. Detailed theory as well as practical exercises are also included in the manual.

EXPERIMENTAL CAPABILITIES

- Open door control experiment for elevator
- Inner select button for elevator car call experiment for elevator
- Outer select button for elevator car call experiment for elevator
- Four floor elevator car up-down movement experiment
- Study of various types of sensors
- Study of electrical drive and controls
- Programming of PLC
- Fault finding and troubleshooting

COMPONENTS

1. DC Motor, 1 No.
2. Proximity Sensors
3. Limit switches
4. Elevator Car
5. Switches
6. Power supply and interface
7. Structure
8. Wiring

OPTIONAL ADDITIONAL

1. PLC with cable and ladder logic software

SERVICES REQUIRED

1. Electric supply

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1. Since research and development is an on-going activity, the specifications mentioned herein are subject to change without notice
2. Photographs are indicative only.