

Y-0041-02 ELEVATOR TRAINING SET

Elevator Training set is a 4-floor model designed for training purposes in order to see the PLC and electro-mechanic carrier applications together.

It is designed in a transparent structure order to examine the mechanical and electronic systems.

There is a control panel at the upper part of the set. On this panel all input and output sockets of the elevator are located. The elevator can be controlled by the PLC at the panel or manually with the keys. This can be traced with led.

A real elevator cabin is designed with sliding door mechanism at the cabin, electro-magnetic door lock, open/close warning door key, in-cabin illumination, call, 7 segment floor displays, floor level and limit sensors and cabin balance weight mechanism. In the construction of the elevator anodized aluminum sigma profile is used.

A CD containing the application software for the operation of the system is provided with the user's guide of the set.

TECHNICAL SPECIFICATIONS

- All input/outputs on the panel of the elevator system and PLC is with 2 mm born sockets
- PLC: 14 digital inputs/10 digital outputs
- Led display input/output signals of the elevator
- 7 segment floor level displays
- Sliding doors
- Electromagnetic door lock
- Start-Stop and Emergency Button
- 4 floor level sensors
- 2 limit sensors
- DC motor with reducer
- 220V supply voltage
- Anodized aluminum sigma profile body and transparent structure
- Dimensions: 60x150x55 (WxHxD)

TRAINING TOPICS

- PLC programming applications
- Program simulation
- Examination of operating principle of elevator mechanism
- Connection and control of mechanical structure
- On-board sensor circuit applications
- Examination of motor control

ACCESSORIES

- 1 application software CD with the system user's guide
- 1 PLC Programming Software CD
- Programming Cable
- IEC power cables
- 24 pcs 2 mm experiment cables

