E-120 ELEVATOR TRAINING SET

GENERAL EXPLANATION

This training set is the elevator used today.
operating principle of the systems in a simple way
It is produced to tell.

Device Dimensions

AxBxH: 740x740x1700 mm

Package Included

Device, 1 printed experiment sheet and product catalog.

TECHNICAL SPECIFICATION

The elevator training set is designed to examine the structure and operation of a real four-storey elevator. The Elevator Training Set is transparent with its mechanical structure visible. Input-output and control units are located at the top of the set and placed on compact laminate material.

In the device content;

Start, stop and emergency stop buttons, 25A / 30mA leakage current relay, 10 A neutral break fuse,
PLC with 14DI / 10DO / 2AI / Profinet connection,
(All IO ends of PLC have been moved to the control panel.)
Micro controller with 33 inputs and outputs,
(For microcontroller LCD and serial communication
Except for the pins used, all IO pins are connected to the control panel. moved.)
4x20 LCD, microcontroller reset button and D9 female connector, (on the microcontroller
20MHz bootloader installed and serial port
can be programmed over.)
24V DC / at least 6A SMPS,
Inductive sensors for floors and upper and lower limits,
LED indicators showing up and down movements,
Light indicator on which all digital inputs and outputs are observed,
Eight ON-OFF-MOM switches,
7 segment floor level indicators
+ 24V and GND outputs,
Geared 24V DC motor, 24V buzzer,
Counterweight system,
24 different colored jacked test connection cables,
IEC power cable,
There are components such as.
Mainly with experiment set modules;
Elevator application with PLC or micro controller in the set
Independent motor control applications outside,
Sensor applications,
PLC programming and simulation applications,
The desired inputs and outputs of the PLC and microcontroller, will be able to control the desired units of the elevator
have flexibility (can be determined by the user),
contains fixed connections,
Software development applications,
Control by micro controller,
Via computer (special software and elevator system control with the interface showing),
Applications such as can be made.