Abstract

This paper explains about an elevators operation which uses a AC motor to drive the elevator cabin. The elevator mentioned here is fully automated using PLC. Its control is based on the input that we get from the operator as well as from the sensors. According to that signal PLC will make the drive motor and door motor to work correspondingly.

References

- Eunsoo Jung, Hyunjae Yoo, Seung-Ki Sul, Hong-Soon Choi and Yun-Young Choi,
Design and Implementation of PLC based Elevator

Design and Implementation of PLC based Elevator


Index Terms

Computer Science

Control Systems

Keywords

PLC based elevator  Elevator Design  Constant speed Elevator  Ladder logic for Elevator using PLC