



ELECTRONICS SYSTEMS
(Division of Electronics Instrumentation & Lab Equipments)

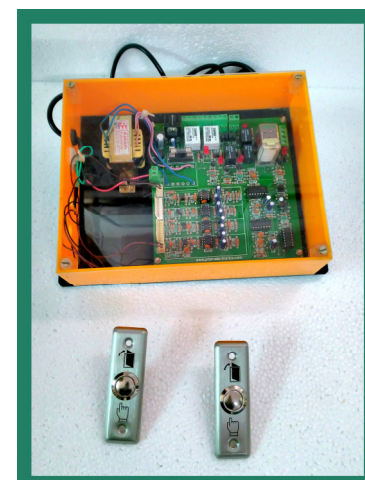
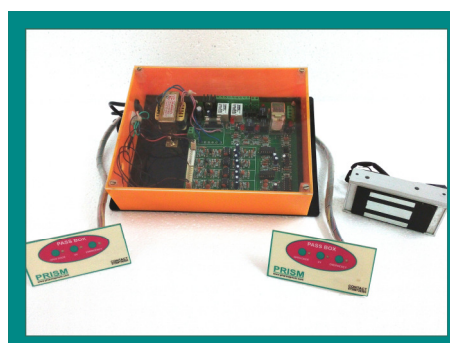
DOOR INTERLOCK SYSTEM

We are glad to introduce ourselves as pioneers in manufacturing Door interlocking system with Electro Magnetic Locks to control cross contamination .

Advance auto alarming door switches

Our Systems are very much applicable in the following areas:

- Clean rooms
- Pass boxes
- Air locks
- Pass through modules
- Bio clean workbench
- Air showers
- Clean room garment locker
- Operation theatres
- ICU's etc.



System Description:

Interlocking system can control two or more doors in a way that to give access to any one door and it will never allow to open any adjacent two doors simultaneously. The following are the most important characteristics of the interlocking system

1) Doors Closed mode:

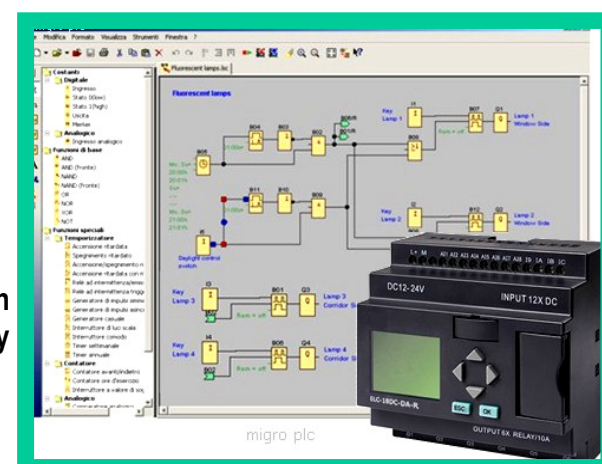
In this mode both /or all doors are closed and locked by means of electro Magnetic Lock . Any one who wants to get the access can enter by pressing the push button switch. When the first door is opened second or other all doors remain closed till the first one is closed i.e. both doors or all will not open simultaneously. There by you are preventing clean air contamination and you are saving air conditioning losses.

2) Door Open Mode:

In this mode both / or all doors are normally unlocked condition. By opening door-1, door-2 /or others automatically gets locked and will not open till the first door is closed.

We offer the following configurations:

- 1) Two door interlock . (Fix type control)
- 2) Four door interlock. (Fix type control)
- 3) **Multi door Interlock . (Using PLC control):** Using PLC control ,we can make any combination of Interlock logic and can be able to frequently change as per our requirement without any change in Electrical hardware and civil work.



Technical Specifications :

- Input 230v AC ,50Hz power supply for System.
- Microprocessor based and PLC based controllers. with Inbuilt DC power supply for Electromagnetic locks.
- Adjustable time delay for door open conditions.
- Tactile type switch pad for PASS BOX DOORS & NO PUSH Buttons with SS mat finish frame for CLEAN ROOM DOORS
- Electromagnetic lock with inbuilt door sensor of 300LBS ,600 LBS & 1200LBS as per requirement.
- **Auto Alarming door switches : WAIT , GO & EMMERGENCY**