

Door Interlocking System

The door interlocking system is used to control the entry of personnel to a secure area such as a cleanroom where dust or small particles may be a problem. The principle is generally well understood. In its simplest form, the door interlocking is composed of 2 to 12 doors that are electrically interlocked in such a way that the doors cannot be opened simultaneously. The door interlocks are used in a variety of situations but in essence they are there to control the unwanted passage from one area to another.

Interlocking System achieves in prevention of process area contamination by:

- Preventing simultaneous access of doors/rooms
- Ensures that when one door of a room is OPEN, then all other doors in that particular room can't be opened.
- Programmable delay between each door openings to maintain required pressure.
- In case of emergency, an override key is available on a push button module to open door(s).

Brand	: GCR
Power	: 30 W
Voltage	: 230 VAC
Current	: 5 A
Surface Finish	: Stainless steel 304/316 / powder coated
Frequency	: 50 Hz
Operating Temperature	: -15/+50 degrees (Celcius)

Features

- Advanced micro controlled based system
- It supports up to 12 doors
- Recovery pressure can be gained by providing time delay from 0 to 90 seconds by jumper setting
- Door status indication with green / red LED lights
- Emergency buttons to unlock all doors in case of emergency
- Built-in sensor magnetic lock to read door feed back
- Relay status indication with high intensity LED
- The automatic lock time between door openings is standard 4 seconds
- Supports fire alarm and access control module interface
- Weather proof control box