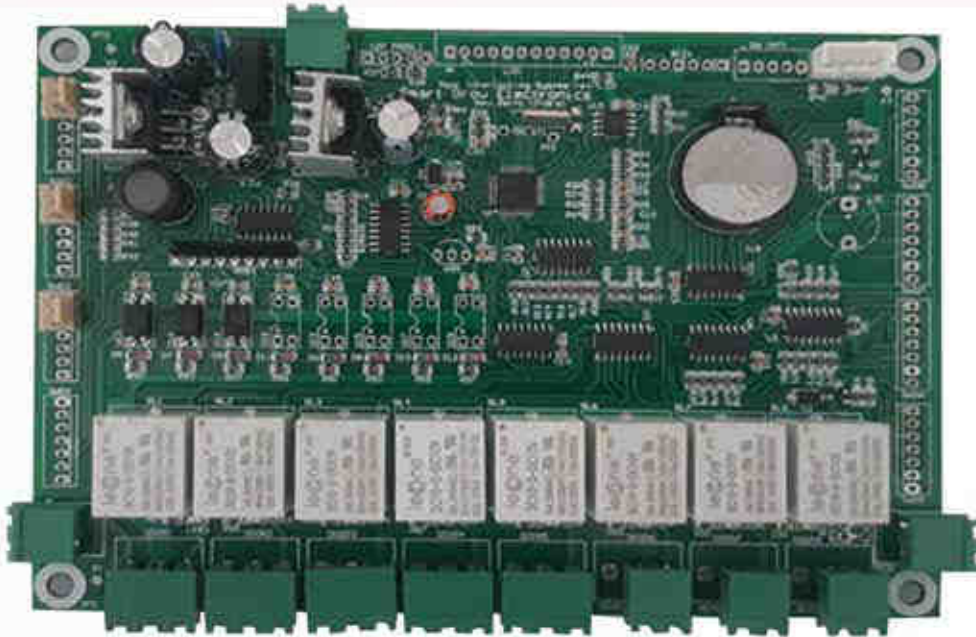


Door Interlocking Controller

Descriptions

The Door Interlocking Controller is a system designed to manage up to 8 doors using door feedback sensors. It facilitates controlled access by allowing entry through only one door at a time for a predetermined duration upon request. This interlocking mechanism enhances security by ensuring that multiple doors cannot be open simultaneously within a designated area. The system aims to prevent pressure losses and cross-contamination, making it suitable for applications where maintaining a controlled environment is critical, such as in healthcare or industrial.



Features

- Scalability: Supports up to 8 doors, configurable to meet diverse facility requirements
- Lock Control: Operates electromagnetic locks, with built-in door open sensors providing real-time feedback.
- Interlocking System: Doors are interlocked to prevent simultaneous opening, ensuring controlled access.
- Status Indication: LED displays on respective door boards indicate the current status of each door.
- Adjustable Delay: Customize time between Door 1 close and Door 2 open for operational flexibility.
- Touch less Operation: Incorporates no-touch switches with LED indication for hygienic and convenient door opening.
- Emergency Key Provision: Provides an emergency key option for releasing all or specific doors in urgent situations.
- Safety Features: Door open switches, emergency switches, and LEDs contribute to an enhanced safety protocol.
- Buzzer Alert: Triggers a buzzer if a door is kept open beyond a specified duration, promoting security.
- Real-Time Clock: Ensures accurate timekeeping for synchronized and scheduled operations.
- Automatic Process Control: Facilitates automated control for streamlined and efficient door operations.
- Audio-Visual Alarm: Incorporates alarms for immediate attention to critical events or malfunctions.
- Manual Controls: Mechanical keys offer manual control options, enhancing user flexibility.
- Alarm Mute Option: Allows users to mute alarms for a specified period, reducing nuisance alerts.
- Relay Outputs: Up to 8 relay outputs for seamless integration with various door systems.
- Easy Mounting: Designed with convenient mounting arrangements for quick and straightforward installation.
- Quick Installation: Ensures an easy and quick installation process for efficient deployment.
- Different Mechanisms we can use for door open like Mechanical Switch, No Touch, Biometrics.

*** Customization Available***