



Door Interlock System - 2 Door / 3 Door

Strict Procedure to control the material and person flow in controller contamination environments are extremely important. Interlocking systems and access control system are the solutions.

The system we propose is completely integrated into our doors, Pass-Box or Pass-Trolley.

It is composed of: double red/green traffic light with emergency release button, covered by an easy to clean polycarbonate cover; an electric lock or an electromagnet, with an integrated door status, placed on the upper side inside the jamb, which mechanically prevents the door from opening; a multiple management control units (from 2 to more doors) that can be programmed according to the different procedures, modes or timings required. Description of a standard 2-port interlock: at rest with the doors closed all the traffic lights turn green. When one of the doors is opened, the mechanism blocks the other door via the electric lock and the traffic lights change from green to red light. If the door remains open for a long time, a timed alarm warns the door not to close. Once the door is closed, the system returns to rest.

In emergency situation, the button on the traffic light allows you to force the system and open the door even if the traffic light is red. This is called "green logic".

Interlocking systems for ex-proof environments are also available.



All the accessories, traffic lights, and sensors are installed in a perfectly flush solution into the door jamb. In the case of doors on brick wall/plasterboard, these accessories are placed inside an elegant aluminium base.



Interface Keypad with lights : Traffic light with button Red/green LED lights with clear transit indications. Integrated emergency release button.

Proximity sensor : Unlock the door with just with "hand passing" a few centimetres from the proximity touch sensor. Door Infrared No Touch EXIT Button Switch Sensor with LED Backlight ,12V DC



Code Access control with code : For authorized entrances only by entering an alphanumeric access code that can be programmed on the keypad.

Badge : Proximity badge card reader : For authorized entrances only with the use of programmable and personal proximity badges. Also available platform and software for remote access control in real time. RFID Access Control Keypad Machine, EM Card Reader for Door Access Control System Hands RFID Access Control Keypad

Code Access control with code : For authorized entrances only by entering an alphanumeric access code that can be programmed on the keypad.

Biometric / Finger Print : For authorized entrances only with the use of programmable and Finger Print Access Control. Also available platform and software for remote access control in real time.



Code Access control with code : For authorized entrances only by entering an alphanumeric access code that can be programmed on the keypad.

Biometric / Finger Print and Face recognition : For authorized entrances only with the use of programmable and Finger Print and Face recognition Access Control. Also available platform and software for remote access control in real time.