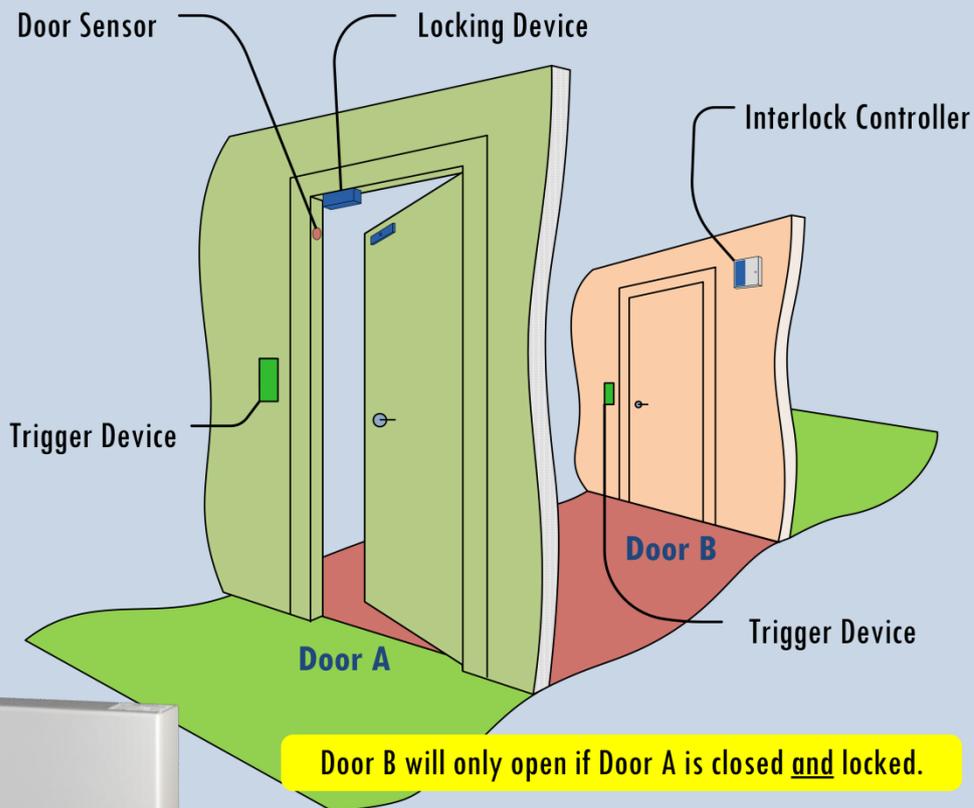


Interlock Systems



- **2, 3 & 4 Way Interlocks**
- **Simple Programming**
- **Indicators for Interlock & Door Status**
- **Operates with Access Control Systems**
- **Applications include**
 - **Clean Rooms**
 - **Cash / Bullion Rooms**
 - **Jewellery Store**



Introduction

WHAT ARE THEY?

Interlock systems control two or more doors such that if one door is open the remaining door will open if pre determined so. For example a simple 2 door airlock could be constructed so that Door A will only open if Door B is closed and locked.

HOW DO THEY WORK?

Each door is electrically locked and monitored. The control electronics then generates a control signal to indicate when the door is closed and locked. Each controller also has a control input that will prevent the releasing of the locking device. In this way the door controllers communicate the door status and only open when it is safe to do so.

HOW MANY DOORS?

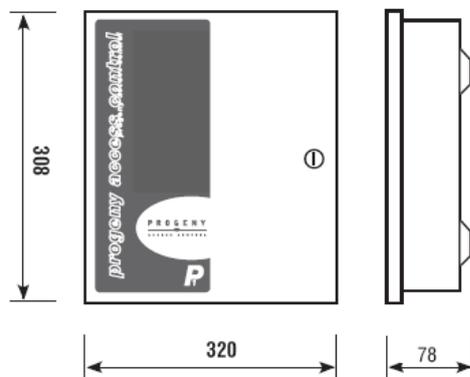
The simplest interlock would be with 2 doors and standard systems can be made up to 4 doors. Larger systems can be made and even overlapped.

HOW IS AN INTERLOCKED DOOR OPENED?

This can range from a simple push button or passive RQE detector to a full blown access control reader. All the Progeny P1/P3 controllers have interlocking interfaces as standard. This means you can mix interlock controllers with access controllers on the same system.

INTERLOCK CONTROLLERS

These units provide all the electronics to control and monitor a door and provide interlock with another door or access control unit. Trigger inputs drive a lock timer that can be adjusted from 3 to 40 seconds. Door monitoring allows door forced and prolonged door open alarms to be generated.



Description	Code
Interlock Controller (1 Door) cw 12/24V PSU	2089
Interlock Controller (2 Door) cw 12/24V PSU	2089D

Interlock Programmer

The interlock programmer may be used with any combination of P1/P3 controller and Interlock controller (2089, 2163, 3001 & 3002).

By bringing all the interlock connections to one point, it allows easy and flexible programming. Greatly simplifies wiring and system debugging. This unit takes its supply from any of the connected controllers.

A 12 way DIP switch allows the interlocking to be programmed in any combination. On board indicators show current interlock signal status.



Description	Code
4 Way Interlock Programming Module	2069

