Cleanroom Door Interlock System – Product Details
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Master Traffic Light Module

- Red / green traffic lights
- Override button or break glass option
- Twist release button
- Clean sealed membrane
- Local distribution point for all door control items
- Audible alarm option
- Illuminated override option
- 24vdc magnetic lock control
- Double gang socket mounted vertically
- One module per door
- Keypad or swipe card access option
- Alarm option on override activation
- Normally open or normally locked doors
Slave Traffic Light Module

- Red / green traffic lights
- Override button or break glass option
- Twist release button
- Clean sealed membrane
- Illuminated override option
- Connects into Master Module
- Audible alarm option
- Double gang socket mounted vertically
- Alarm option on override activation
Remote Override Module

- Extends the override loop
- Twist release button
- Connect into the Master Module
- Clean sealed membrane
- Illuminated override option
- Audible alarm option
- Single gang socket

MASTER INTERLOCK MODULE

REMOTE OVERRIDE

REMOTE OVERRIDE
Privacy Lock Module

- Fitted inside change rooms for privacy change feature
- Clean sealed membrane
- Indication of operation
- Single gang socket
Override Reset Module

- Prevents unauthorised override reactivation
- Key help with supervisor to monitor override operation
- Clean sealed membrane
- Can be located anywhere
- Audible alarm option
- Single gang socket
Press to Exit Module

- Used when doors are normally locked
- Time delay on door lock after button has been pressed
- Clean sealed membrane
- Connects between the master module and door lock
- Flush stainless steel button or green dome button
- Single gang socket

**MASTER INTERLOCK MODULE**

**PUSH TO EXIT BUTTONS**

Magnetic door lock:
- Primary door lock for single door use - 250mA @ 24vdc max.
- Secondary door lock for double door use - 250mA @ 24vdc max.
- Connect magnets in parallel with a maximum combined current of 500mA @ 24vdc.

For door monitoring use the contacts on a monitored magnetic lock.
Break Glass Override Module

- Use in place or twist release override buttons
- Connect into Master Module or control panel
- Replace glass after activation
- Test operation key supplied
- 86mm x 86mm x 60mm
- N/O Terminals for override loop break
Surface Mounted Mini Magnetic Lock

- 24v operation
- Single door or double door option
- Monitored feature for push button operation
- Proximity switch built in
- Easy to install
- Fits most doors and frames

Magnetic door lock:
Primary door lock for single door use - 250mA @ 24vdc max.
Secondary door lock for double door use - 250mA @ 24vdc max.
Connect magnets in parallel with a maximum combined current of 500mA @ 24vdc.

Door proximity switch:
NO contacts when door is open.
Connect in series when using two switches on a double door set.
4 Door Distribution Board and 24v PSU

- Interlock up to 4 doors
- Door lock indication
- Easy to install
- Small footprint
- 220mm x 320mm x 85mm
- Fire alarm control

**Remote override reset: (15,16)**
Momentary contacts (NC when operated)
Remove J6 when fitted.

**Remote override indication: (17,18)**
Terminal 18 = 24vdc and Terminal 17 = 0v. Polarity is reversed when override button is operated. This can be used to drive a green LED (system healthy) or a red LED (override operated).

**Fire alarm control: (13,14)**
NC Contacts that open when alarm is activated. Remove J5 when fitted.

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**Diagram:**
- Diagram showing the wiring connections for the field wiring and control panel.
- Legend for the diagram is present.
8 Door Master Distribution Board and 24v PSU

- Interlock up to 8 doors
- Embedded logic controller for complex locking functions and timers
- Small footprint
- Test buttons to test logic
- Fire alarm control
16 Door Expansion PCB

- Connects to the 8 door PCB to extend the system up to 16 doors
- Embedded logic controller for complex locking functions and timers
- Small footprint
- Test buttons to test logic
Normally unlocked doors

Magnetic door lock:
- Primary door lock for single door use - 250mA @ 24Vdc max.
- Secondary door lock for double door use - 250mA @ 24Vdc max.
Connect magnets in parallel with a maximum combined current of 500mA @ 24Vdc.

Door proximity switch:
- NO contacts when door is open.
- Connect in series when using two switches on a double door set.

Fire alarm control: (13, 14)
- NO contacts that open when alarm is activated.
Remove J5 when fitted.

Remote override reset: (15, 16)
- N.O. contacts when operated
Remove J6 when fitted.

Remote override indication: (17, 18)
- Terminal 18 = 24Vdc and Terminal 17 = 0V. Polarity is reversed when override button is operated. This can be used to drive a green LED (system healthy) or a red LED (override operated).
Normally Locked Doors (Push Button)

Magnetic door lock:
Primary door lock for single door use - 250mA @ 24vdc max.
Secondary door lock for double door use - 250mA @ 24vdc max.
Connect magnets in parallel with a maximum combined current of 500mA @ 24vdc.

For door monitoring use the contacts on a monitored magnetic lock.

Fire alarm control: (13,14)
NC Contacts that open when alarm is activated. Remove J5 when fitted.

Remote override reset: (16,18)
Momentary contacts (50 when operated) Change J6 when fitted.

Remote override indication: (17,18)
Terminals - One + and Terminal - 24vdc.
Vary polarity or connect a relay to operate. This can be used to drive a green LED (system healthy) or a red LED (Override operated).

NC Contacts that open when alarm is activated. Remove J5 when fitted.

PUSH TO EXIT BUTTONS

SLAVE INTERLOCK MODULE

MASTER INTERLOCK MODULE

CONTROL PANEL

FIELD WIRING (To each interlocked door)