

C & M TECHNICAL SERVICES

DOOR INTERLOCKING SYSTEM FOR CLEAN ROOM APPLICATION

PRODUCT BROCHURE

OFFICE AND MANUFACTURING

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TECHNICAL SPECIFICATIONS

MAIN CONTROLLER

- ✿ Input supply 230V AC
- ✿ Operating Voltage 12V DC, 2 A
- ✿ 8/16/32 bit micro-controller
- ✿ Transistor switching for relay protection
- ✿ Enhanced relay life
- ✿ Inbuilt LED for status indication
- ✿ Interface with Access control system,
- ✿ Interface with Fire alarm System

Switches

- ✿ SS 304 MATT finish with status LED status and buzzer Model SSD888
- ✿ Dome type with buzzer and LED status Model SSC888
- ✿ PVC case grey colour and SS Cover Model PMU888 & SSU 888
- ✿ Flameproof for zone-1 and zone-2 Enclosure is CMRI approved FLP888

Dimensions:-

- ✿ Model SSC 888 H-95 MM X W 95MM
- ✿ Model SSD 888 H- 82MM X W- 39MM
- ✿ Model PMU 888 H-95 MM X W 95MM
- ✿ Model SMU 888 H-86MM X W- 32MM

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Model SSC 888



SSD 888



PMU 888



SSU 888

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Operating Procedure

Clean room Application:

1. Entering in the controlled area, press push key to release the first door, same time buzzer will give beep and unlock indication will glow and electromagnetic lock will get unlock for few seconds.
2. Entering in to the second door, press push key to release the second door (Pl. note that if first door is not closed properly then push key command is disabled unless first door not properly closed)
3. Same procedure will follow up to the final door of system set.
4. Whenever any door is not closed properly then system will not allow to open next door, same time buzzer will give continue beep of same door. This is for identification and information
5. Use of emergency key, whenever anyone of door not closed properly and not able to release another door, just press for few seconds and release, same time all door gets open. Now all doors gets opened but buzzer beep will be continue unless you are not press emergency push key for few seconds.
6. Door interlock can be interlocked in any combination like, only one door can be opened or any alternate door can be opened, system can be configured as per client requirement.

Pass Box application:

1. Opening a door just press key to release the door, same time buzzer will give beep and unlock indication will glow and electromagnetic lock will unlock for few seconds. (Electromagnetic LED light change color with red, when locked LED will be green