

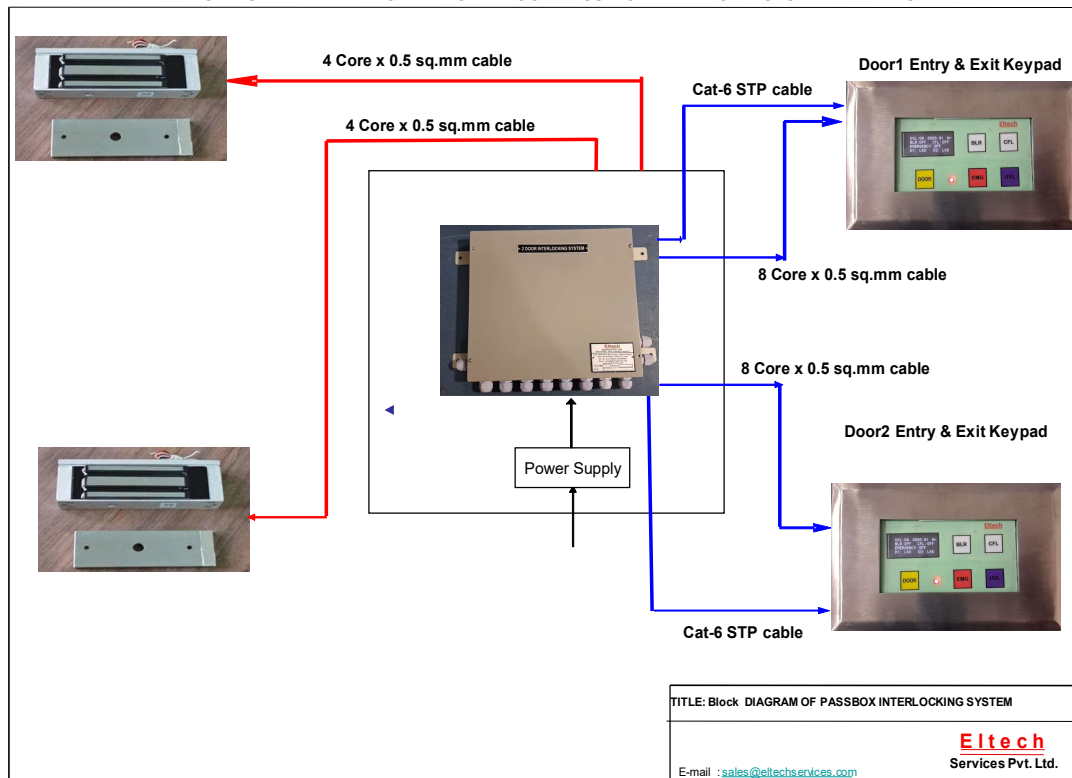
Pass Box Interlocking System

A Pass Box Interlocking System is used to transfer materials between two areas of cleanroom or between clean and less clean area without risking contamination. Passbox is equipped with two doors, one on each side. Interlocking controller ensures only one door can be opened at a time. This prevents direct airflow between two areas and helps maintain cleanroom conditions.

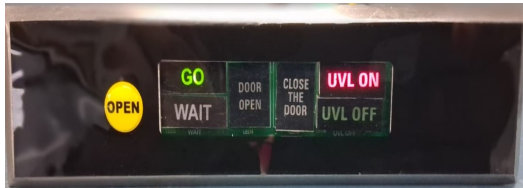
➤ System Features:

Microcontroller	:	Central unit controlling the logic of the system.
Keypad	:	Facilitates Door Open, UV light, CFL and Blower ON/OFF
Emergency Key	:	Provided
EM Locks	:	2 Nos
Door Status	:	Indication for locking and unlocking of the doors.
LED Indicators	:	Green and Red LEDs
Sensors	:	To Detect position of a door (open or closed).
Power Supply	:	230VAC / 12VDC SMPS
Options	:	Time delay setting, Time delay Display, Selective delays
Options	:	UVL limit setting, programming
Options	:	Access Control Integration

BLOCK SCHEMATIC DIAGRAM FOR 2-DOOR PASS BOX INTERLOCK SYSTEM WITH DISPLAY



➤ **Keypads:**



Bar-Led Keypad



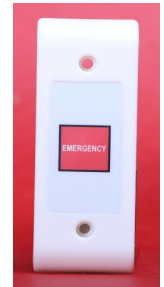
R- Keypad



CFL Switch



UVL Switch



Emergency

➤ **Flameproof Version:**



FLP EM Lock



FLP Controller



FLP Passbox Display Keypad

➤ **For Further Information please contact:**

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