

LSM-FP

LIFT SYSTEM MEDIUM WITH FIXED PANEL

INTEGRATION CONSIDERATIONS



High Risk - Crushing

Crush hazard between the base panel and the cabinet top as the lift closes.



Mitigation

The LSM comes with a floating top panel attachment bracket. In the event of an obstruction the lid will lift to clear it (See LSM instructions for correct setup procedure).



High Risk - Crushing

Crush hazard at the cabinet aperture when mechanism is opening.



Mitigation

The cabinet top should be floating on locator dowels to allow vertical movement if an obstruction is caught between it and the base panel.
A tapeswitch is another useful method to prevent fingers getting crushed (see Fig A).



High Risk - Crushing

Crush hazard below the mechanism when mechanism is closing.



Mitigation

Ensure area below the mechanism is kept clear at all times when the mechanism is being used. If installing or maintaining the mechanism do so with the mechanism turned off.

General Mitigations:

- Implement a hold to run/dead man switch operation.
- Control methods should be located within direct line of site of the mechanism.
- Implement password or key switch protected operation.

