LSM-S-BE

future automation

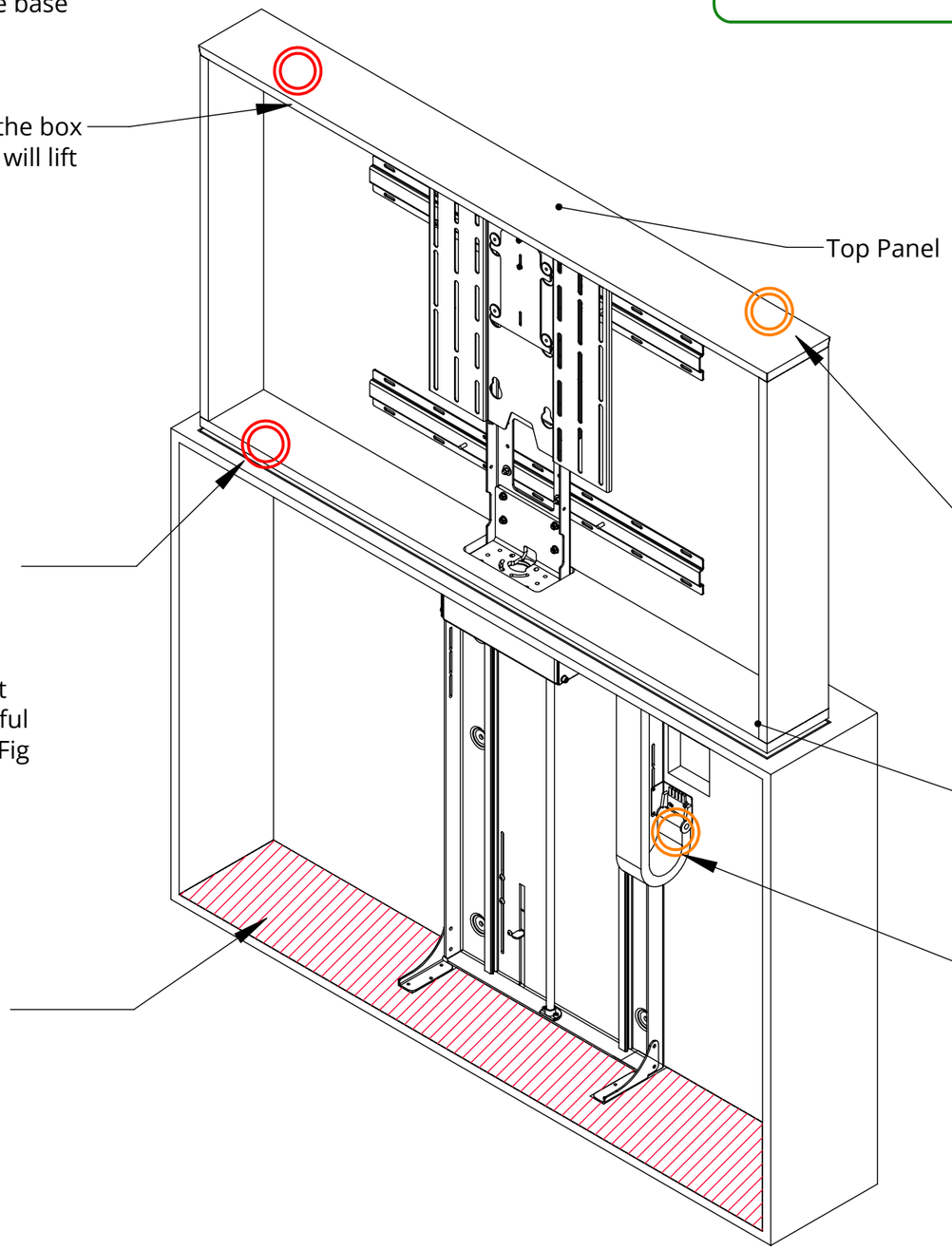
LIFT SYSTEM MEDIUM WITH SWIVEL BOX ENCLOSURE

INTEGRATION CONSIDERATIONS

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.

High Risk - Crushing Crush hazard between the base panel and the cabinet top as the lift closes.

Mitigation Ensure the top panel is not fixed to the box enclosure. In the event of an obstruction the lid will lift to clear it.



Tapeswitch TS16S
Sensing Edge

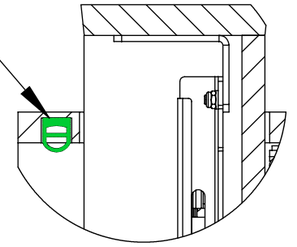


FIG A

High Risk - Crushing Crush hazard at the cabinet aperture when mechanism is opening.

Mitigation The implementation of a box enclosure with tight shadow gaps can help alleviate this risk. 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.

Low Risk - Falling Objects Falling object hazard if objects are left on top of the top panel.

Mitigation See general mitigations.

Low Risk - Crushing Cables could be snagged if not properly managed through and around the mechanism, causing damage to the mechanism and electronics.

Mitigation Ensure sufficient cable slack is allowed around movement joints to prevent stretching and/ or damage to the cables and/ or mechanism.

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