AL675-FP
ACTUATOR LIFT WITH FIXED PANEL

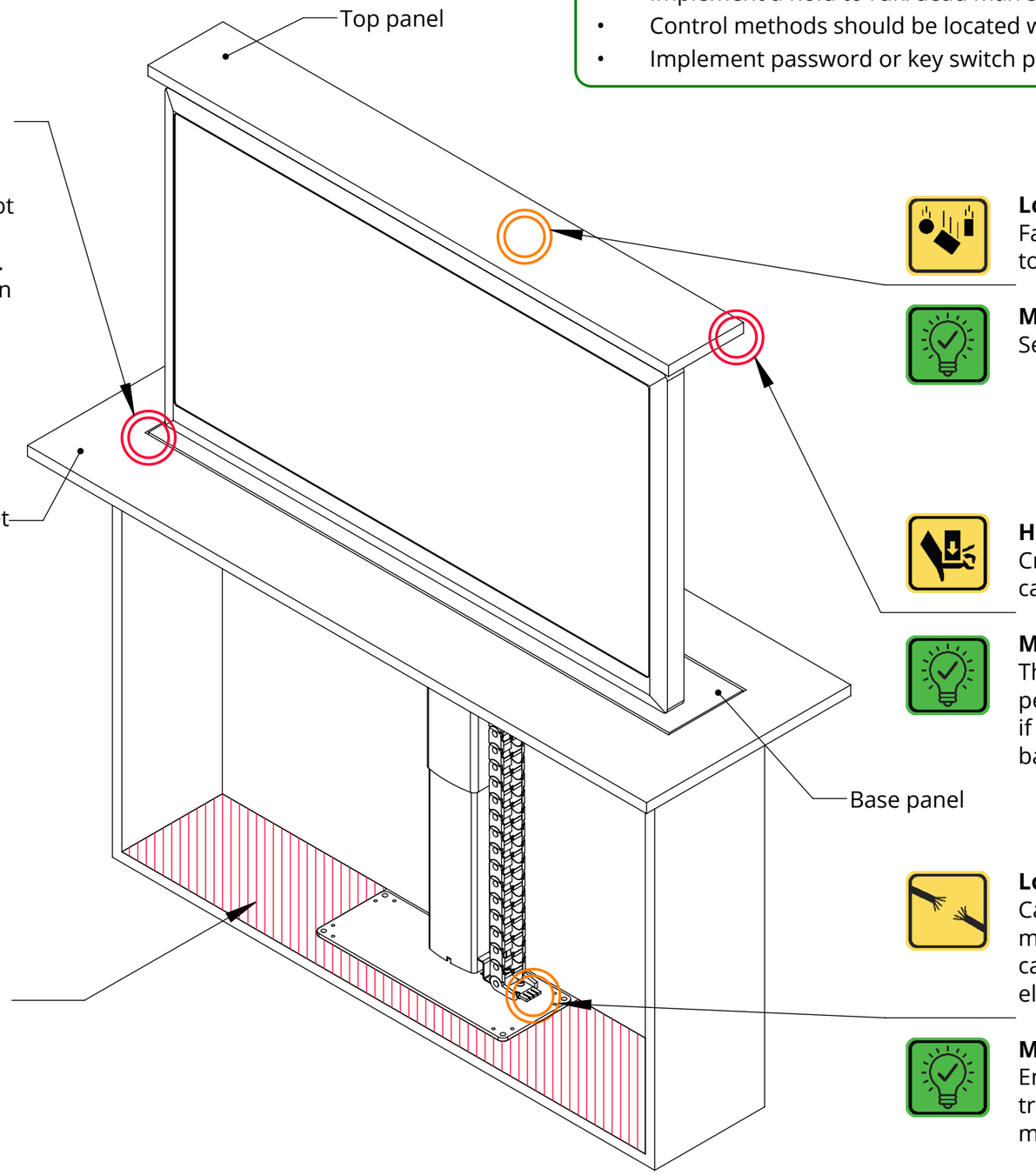
future automation

INTEGRATION CONSIDERATIONS

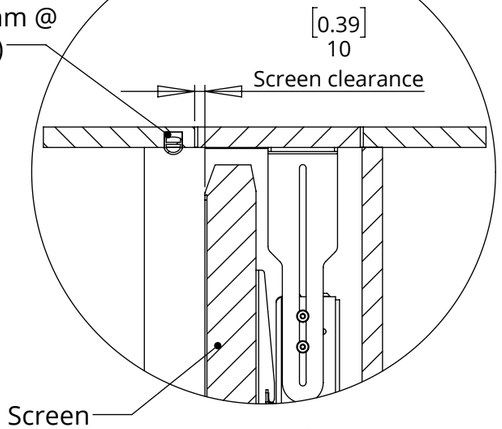
General Mitigations:
- Implement a hold to run/dead man switch operation.
- Control methods should be located within direct line of site of the mechanism.
- Implement password or key switch protected operation.

High Risk - Crush Hazard
Crush hazard between the base panel and the cabinet top as the lift opens.

Mitigation
A pressure switch can be added to detect obstructions. The cabinet top can also be floating/not permanently fixed to allow vertical movement if an obstruction is caught between it and the base panel. Keep all shadow gaps to a minimum (no smaller than 3mm [1/8”]) to reduce the risk of obstruction (see detail C).



Tapeswitch TS16S
Sensing Edge
Activation travel
approx. 3.5mm @
<120N (12Kg)



DETAIL C

High Risk - Crush Hazard
Crush hazard between the mechanism and the cabinet as the mechanism closes.

Mitigation
Ensure the 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 Hazard
Falling objects hazard if items are left on top of the mechanism during deployment.

Mitigation
See general mitigations.

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

Mitigation
The top panel should be floating/ not permanently fixed to allow vertical movement if an obstruction is caught between it and the base panel.

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

Mitigation
Ensure all cables are run in suitable conduit/ trunking to prevent snagging with moving mechanism parts.

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CONSIDERATIONS SHEET
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