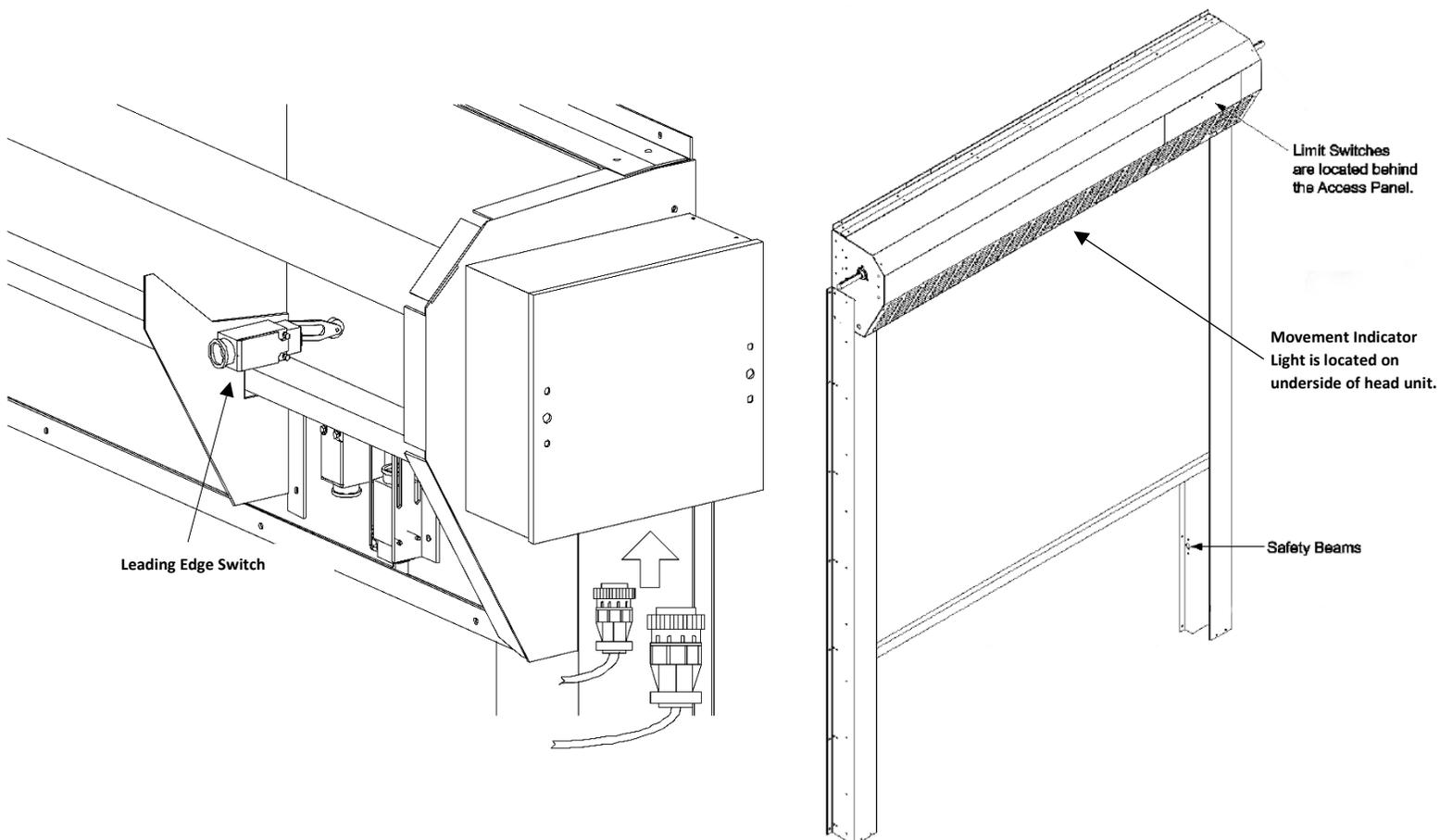




## Door Safety Outline

### RS500/RS600 Door

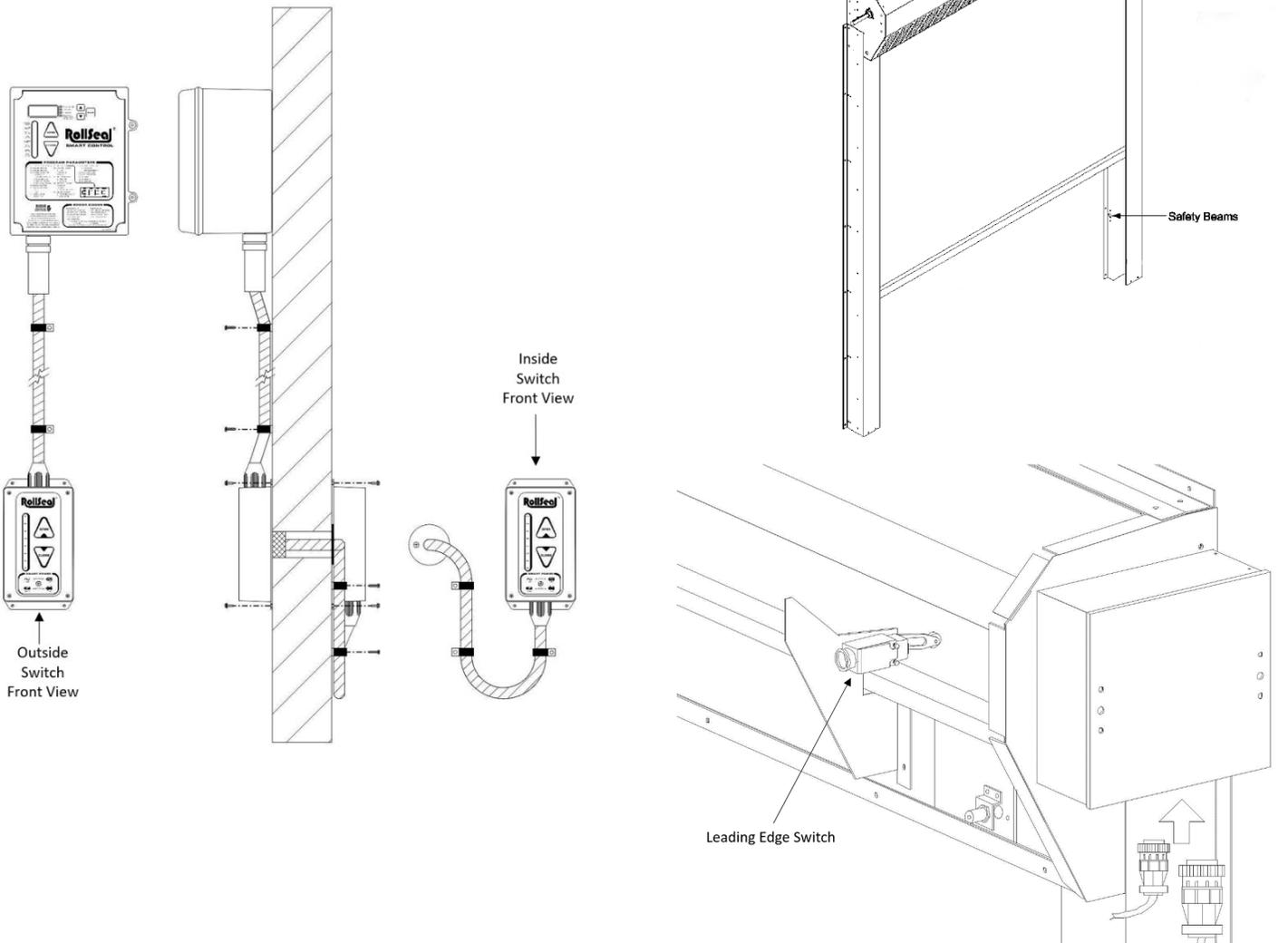
1. **UL Standard:** Standard UL 325 for Safety for Door, Drapery, Gate, Louver, and Window Operators and Systems, 6<sup>th</sup> Ed.
2. **Movement Indicator Light:** This light flashes any time the door opens or closes to indicate the door is in motion.
3. **Infrared Safety Beams:** An infrared sensor is located at the bottom of each vertical member. If either beam is interrupted, the door will stop and (if configured to do so) reverse to the fully open position.
4. **Leading Edge Switch:** The leading edge switch acts as a backup to the infrared safety beam. When anything comes into contact with the leading edge of the panel, the door will react in the same manner as it would if the safety beam were interrupted.





## RS500M/RS600M Door

1. **UL Standard:** Door, Drapery, Gate, Louver, and Window Operators and Systems [ANSI/CAN/UL 325:2017 Ed. 7]
2. **Movement Indicator Lights (on Optional Smart Switch):** When all eight indicator LEDs on the Smart Switch (on either side of the door) fade together, the door is in a timed open cycle. The LEDs will blink progressively faster as the door approaches the close cycle. The audible alarm will sound in sync with the LEDs.
3. **Monitored Infrared Safety Beam:** The Smart Controller uses an infrared beam to prevent the door from closing when the doorway is obstructed. If the beam is interrupted, the door will stop and the "Door Obstruction" indicator on the Smart Controller will be illuminated; if configured to do so, the door will also reverse to the fully open position. The integrity of the safety beam circuits is tested after each door cycle to ensure they are working properly. If they are not working properly, the door will be unable to close without being manually overridden.
4. **Leading Edge Switch:** The leading edge switch acts as a backup to the infrared safety beam. When anything comes into contact with the leading edge of the panel, the door will react as in the same manner as it would if the safety beam were interrupted.



## Walk-In Cooler Door

1. **UL Standard:** Door, Drapery, Gate, Louver, and Window Operators and Systems [ANSI/CAN/UL 325:2017 Ed. 7]
2. **Movement Indicator Lights on Track Switch (Outside Cooler) and Smart Switch (Inside Cooler):** When all eight indicator LEDs fade together, the door is in a timed open cycle. The LEDs will blink progressively faster as the door approaches the close cycle. The audible alarm will sound in sync with the LEDs.
3. **Fly Infrared Motion Sensor:** This sensor (mounted on the underside of the head unit) stops the door when it detects both heat and motion. Depending on the configuration, it also reverses the door to the fully open position. The fly sensor may be set to function at various angles, increasing or decreases the distance at which it can be triggered.
4. **Monitored Infrared Safety Beam:** The Smart Controller uses an infrared beam to prevent the door from closing when the doorway is obstructed. If the beam is interrupted, the door will stop and the "Door Obstruction" indicator on the Smart Controller will be illuminated; if configured to do so, the door will also reverse to the fully open position. The integrity of the safety beam circuits is tested after each door cycle to ensure they are working properly. If they are not working properly, the door will be unable to close without being manually overridden.
5. **Leading Edge Bar/Switch:** The leading edge switch acts as a backup to the infrared safety beam. When anything comes into contact with the leading edge of the panel, the Smart Controller will detect that tension has been removed from the bar. The door will then reverse to the fully open position.

