8310-877S HMSS SPACER

Mounting block for header-mounted safety sensor

ALLEGION™ **LCN**

DESCRIPTION
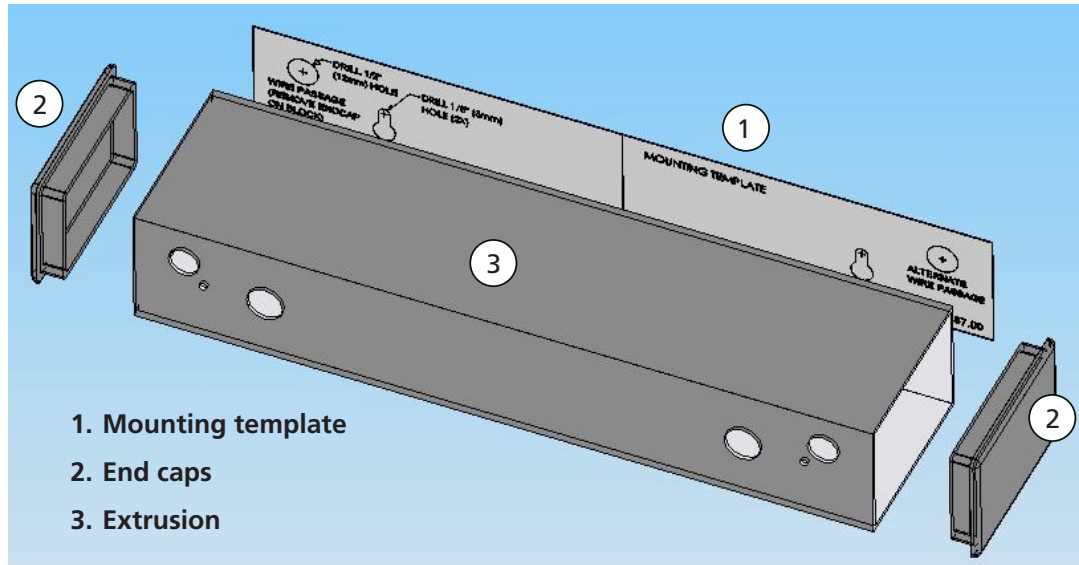
1. **Mounting template**
2. **End caps**
3. **Extrusion**

TECHNICAL SPECIFICATIONS

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Dimensions:	12 ¼" x 3" x 2" (313 mm x 76 mm x 51 mm)
Weight:	1.4 lbs. (0.64 kg)
Material:	Black, painted aluminum and vinyl

PRECAUTIONS

CAUTION

- ❏ Shut off all power going to header before attempting any wiring procedures.
- ❏ Maintain a clean and safe environment when working in public areas.
- ❏ Constantly be aware of pedestrian traffic around the door area.
- ❏ Always stop pedestrian traffic through the doorway when performing tests that may result in unexpected reactions by the door.
- ❏ *ESD (electrostatic discharge)*: Circuit boards are vulnerable to damage by electrostatic discharge. Before handling any board, ensure you dissipate your body's ESD charge.
- ❏ Always check placement of all wiring before powering up to ensure that moving door parts will not catch any wires and cause damage to equipment.
- ❏ Ensure compliance with all applicable safety standards (i.e. ANSI A156.10) upon completion of installation.
- ❏ DO NOT attempt any internal repair of the components. All repairs and/or component replacements must be performed by Allegion. Unauthorized disassembly or repair:
     1. May jeopardize personal safety and may expose one to the risk of electrical shock.
     2. May adversely affect the safe and reliable performance of the product resulting in a voided warranty.

MOUNTING THE SENSOR

WIRE PASSAGE HOLE MOUNTING SCREW HOLES WIRE PASSAGE HOLES
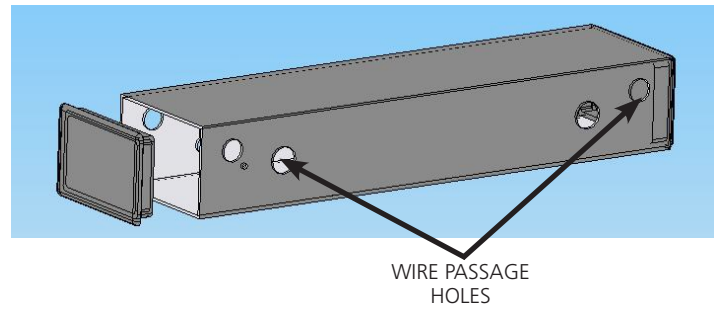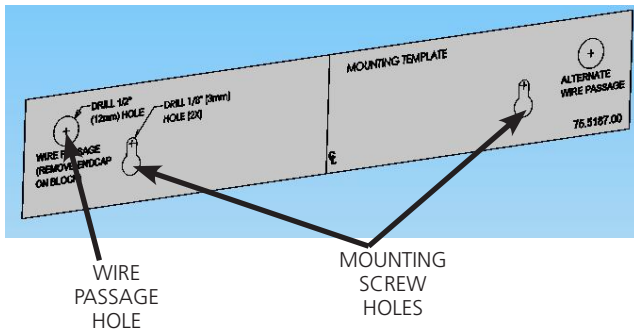
1. Place the adhesive mounting template on the appropriate surface, depending on the application.

2. Drill pilot holes for the wire passage and mounting screws as shown.

3. Partially drive the two Phillips head mounting screws into the small pilot holes.

4. Remove the left end cap on the Spacer. This will make it easier to route the wiring harness from the spacer through to the operator.

5. Slide the extrusion over the mounting screws and using a screwdriver, finish tightening to attach the block.

MOUNTING THE HMSS

REMOVE ENDCAP TO ATTACH SENSOR
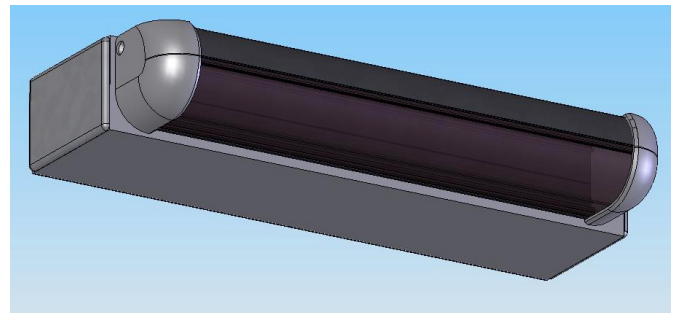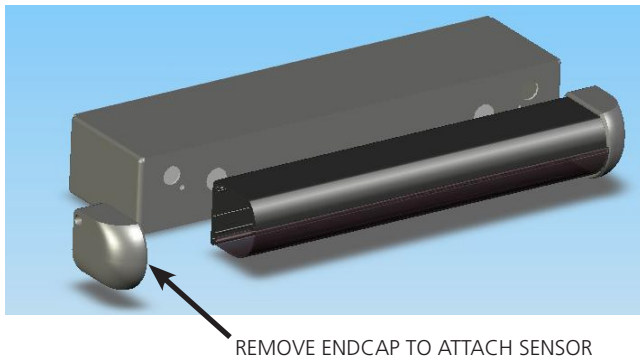
1. Once the block is secure and the harness is routed (use two screws provided with sensor), attach the sensor to the mounting block.

2. Attach the sensor by removing one end cap and the two lenses.

3. Finish by reinserting the lenses and center clip and replacing both the HMSS and Spacer end caps.

INSTALLATION/SERVICE COMPLIANCE EXPECTATIONS

The sensor manufacturer cannot be held responsible for incorrect installations or inappropriate adjustments of the sensor/device; therefore, the sensor manufacturer does not guarantee any use of the sensor outside of its intended purpose.

The sensor manufacturer strongly recommends that installation and service technicians be AAADM-certified for pedestrian doors, IDA-certified for doors/gates, and factory-trained for the type of door/gate system.

Installers and service personnel are responsible for executing a risk assessment following each installation/service performed, ensuring that the sensor system installation is compliant with local, national, and international regulations, codes, and standards.

Once installation or service work is complete, a safety inspection of the door/gate shall be performed per the door/gate manufacturer recommendations and/or per AAADM/ANSI/DASMA guidelines (where applicable) for best industry practices. Safety inspections must be performed during each service call – examples of these safety inspections can be found on an AAADM safety information label (e.g. ANSI/DASMA 102, ANSI/DASMA 107).

Verify that all appropriate industry signage and warning labels are in place.

CAUTION Do not leave problems unresolved. If a satisfactory solution cannot be achieved after troubleshooting a problem, please contact Allegion at 1-877-671-7011. If you must wait for the following workday to call Allegion, leave the door inoperable until satisfactory repairs can be made. Never sacrifice the safe operation of the automatic door or gate for an incomplete solution.

For more information, visit www.allegion.com.

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