

## 1 Description / Specifications

This switch (8310-805C) is a hermetically sealed (polyurethane potted compound) reed switch. The housing 'Wings' flex to hold the sensor securely in place thus allowing for 'ease of installation' and added protection from swelling wood.

DESCRIPTION	SPECIFICATION
VOLTAGE MAX.	30 VAC/VDC
CURRENT MAX.	0.25 A
POWER MAX.	3.0 W
ELECTRICAL CONFIGURATION	SPDT
WIRING: (12" 22AWG)	NO: Red NC: White COM: Black
GAP DISTANCE MAX.	1/2 INCH



## 2 Precautions



CAUTION

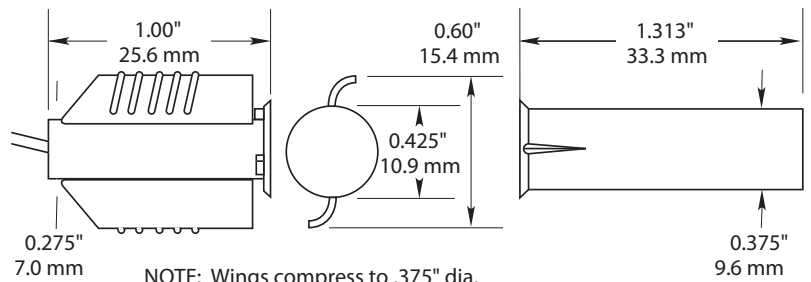
- Shut off all power before attempting any wiring procedures.
- Maintain a clean & safe environment when working in public areas.
- Constantly be aware of pedestrian traffic around the area.
- Always stop pedestrian traffic through the doorway when performing tests that may result in unexpected reactions 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 charge.
- Always check placement of all wiring before powering up to insure that moving door parts will not catch any wires and cause damage to equipment.
- Ensure compliance with all applicable safety standards (i.e. ANSI A156.10/19) upon completion of installation.
- DO NOT attempt any internal repair of the Piezo Button. All repairs and/or component replacements must be performed by LCN. 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 will result in a voided product warranty.

## 3 Installation

1. Drill a 3/8" dia. x 1" deep hole for the contact and a 3/8" dia. x 1 5/16" deep hole for the magnet.

**NOTE:** 'Wings' on contact allow for expansion if hole is slightly oversized (See Dimensions to the right).

2. Press the magnet into the door and the contact into door frame.
3. Connect the NO, NC & COM from the contact to applicable circuit.



## 4 Company Contact



Do not leave problems unresolved. If a satisfactory solution cannot be achieved after troubleshooting a problem, please contact LCN at 1-800-526-2400. If you must wait for the following workday to call LCN, 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.lcn.ingersollrand.com](http://www.lcn.ingersollrand.com).