2500 Series Aluminum Housing Installation Instructions

Introduction

This is the 2500 Series Aluminum Housing Installation Instructions for models 2505A-L, 2507A-L, 2507AD, 2507AH.
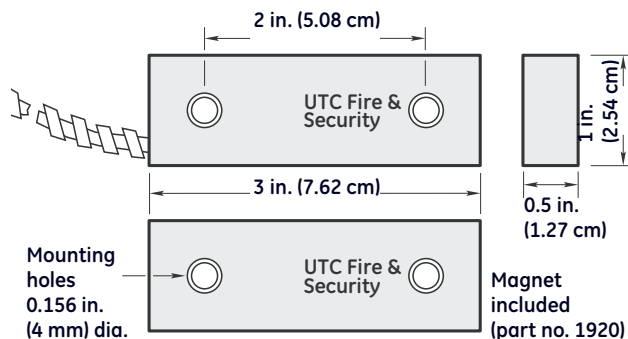
Installation

To install models 2505A-L, 2507A-L, 2507AD do the following:

1. Mount the switch and magnet so both labels read in the same direction (Figure 1 *below*). Use the screws supplied or 18/8 stainless steel screws.

    Note: Switch position and gap distances will be reduced when switch and magnet are positioned incorrectly.

Figure 1: Line up the labels

To install model 2507AH, do the following:

1. Mount switch in desired location.

2. Attach an ohmmeter to the black and white wires. The meter should read infinity with the magnet away from the switch.

3. Bring the magnet toward the switch until the meter reads zero ohms. Mark this position.

4. Bring the magnet closer to the switch until the meter reads infinity. Mark this position.

5. Position the magnet between the two marks.

6. Align the magnet and switch so the labels read in the same direction. With the magnet positioned in this manner, the switch will be harder to defeat with an external magnet.

Lead functions

Here are the lead colors and functions:

Lead color	Function
Black	Common
White	Closed loop (NO)
Red	Open loop (NC)

Specifications

Form A (2505A)

Voltage: 100 V max.
Current: 0.5 A max.
Power: 7.5 W max.

Form C (2507A, 2507AH, 2507AD)

Voltage: 30 V max.
Current: 0.25 A max.
Power: 3.0 W max.

Form A (2505A) ULC specifications

Voltage: 30 V max.
Current: 50 mA max.

Form A (2505A) European Union specification

Voltage: 48 V max.
Current: 0.5 A max.

Product ordering

Finish is anodized and Lead type is 3 foot stainless steel armored cable for all models.

Model #	Loop type	Electrical configuration	Gap distance (make)	Listing
2505A-L	Closed	NO	Up to 3 in.	UL, ULC
2507A-L	Open or closed	SPDT	Up to 3 in.	UL, ULC
2507AD-L	Open or closed	DPDT	Up to 1.5 in.	UL
2507AH-L	Open or closed	SPDT	0.75 in. min, 2.5 in. max	UL

Contact information

www.utcfireandsecurity.com or www.interlogix.com

For customer support, see www.interlogix.com/customer-support