



2500 Series Aluminum Housing Installation Instructions

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Introduction

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

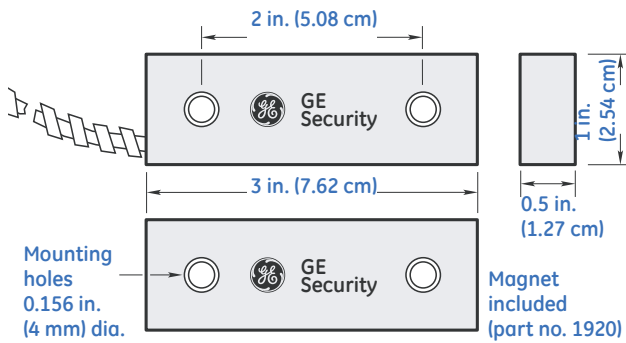
Installation

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). 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.

Product ordering

Model number	Loop type	Electrical configuration	Finish	Gap distance (make)	Lead type	Listing
2505A-L	Closed	NO	Anodized	Up to 3 in.	3 ft. stainless steel armored cable	UL, ULC
2507A-L	Open or closed	SPDT	Anodized	Up to 3 in.	3 ft. stainless steel armored cable	UL, ULC
2507AD-L	Open or closed	DPDT	Anodized	Up to 1.5 in.	3 ft. stainless steel armored cable	UL
2507AH-L	Open or closed	SPDT	Anodized	0.75 in. min, 2.5 in. max	3 ft. stainless steel armored cable	UL

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.