

## Reversible Electric Door Strikes

### Installation Manual



SD-994A-A1AQ



SD-994A-A1SQ



Model	Type	Description
SD-994A-A1AQ	Asymmetric	The strike portion is not centered on the reversible faceplate
SD-994A-A1SQ	Symmetric	The strike portion is centered on the reversible faceplate

The SECO-LARM Reversible Electric Door Strikes are an ideal way to adapt cylindrical lock sets to an electronic access-controlled locking system. The strikes come in two varieties: asymmetric and symmetric. Both models come with a reversible faceplate for right-hand or left-hand doors and are fail-secure operation

- 8~16 VAC / 12VDC Operating voltage
- Current draw: 800mA@16VAC, 750mA@12VDC
- For use on wood frames with virtually any cylindrical door-locking system
- Fail-secure operation
- 1,000-lb (454kg) Static strength
- Tested to 500,000 cycles
- Keeper Depth:  $2\frac{1}{32}$ " (16.8mm), Latch Depth:  $\frac{3}{4}$ " (19mm), Strike Depth:  $1\frac{1}{2}$ " (38mm)
- US26D Chrome faceplate  $5\frac{7}{8}$ "x $1\frac{1}{4}$ "x $1\frac{1}{8}$ " (150x32x3.2 mm)
- Miniature lock body for easier installation, reversible for right- or left-hand doors
- Corrosion-resistant case and moving parts

**Parts List**

1x Door strike

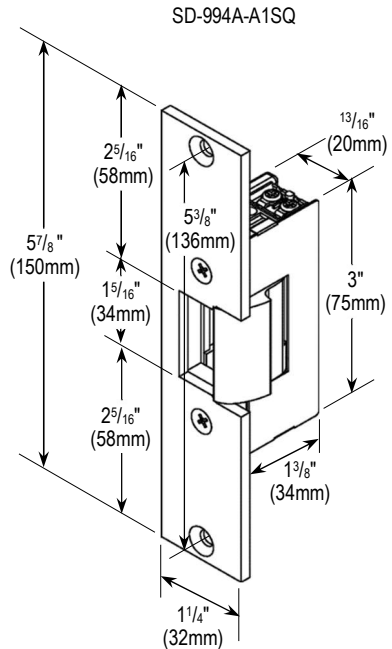
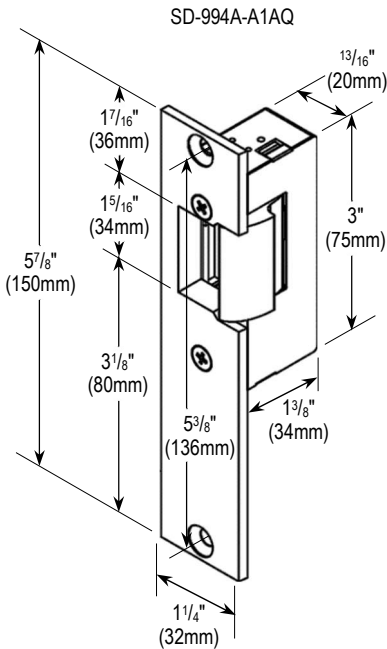
2x Mounting screws

1x Manual

**Specifications**

Model	SD-994A-A1AQ		SD-994A-A1SQ
Operating voltage	8~16 VAC / 12VDC		
Operation type	Fail-secure		
Current draw	12VDC	750mA	
	16VAC	800mA	
Latch throw	3/4" (19mm)		
Strike depth	1 1/2" (38mm)		
Keeper depth	2 1/32" (16.8mm)		
Design	Handed	Reversible	
	Faceplate	Asymmetric	Symmetric
Static Strength	1,000-lb (454kg)		
Endurance	500,000 cycles (factory tested)		
Operating temperature	14°~113° F (-10°~45° C)		
Dimensions	Strike	1 3/16"x3"x1 3/8" (20x75x34 mm)	
	Faceplate	1 1/4"x5 7/8"x1 1/8" (32x150x3.2 mm)	
Weight	10.3-oz (292g)		

**Overview**



## Installation

The strike can be configured in different ways. The faceplate can be removed and rotated horizontally as needed for right- or left-hand operation (see Fig. 1).

1. Remove the faceplate from the strike.
2. Match the strike portion to the door bolt. It may be necessary to rotate the strike vertically to match the door bolt.
3. Note on the door jamb the location that matches the strike to the bolt and mark the outer dimension on the door jamb with a pencil.
4. Use a chisel to cut a 1 1/4"x3"x1 1/2" (32x75x38 mm) hole in the door jamb (see Fig. 2, SD-994A-A1AQ illustrated here).
5. Holding the strike in the hole, close and open the door to ensure the position matches the door bolt.
6. Mount the faceplate back on the strike. Note that it can be rotated horizontally to match the door bolt.
7. Put the strike back in the hole that was just cut. Use the faceplate as a template to draw the location of the faceplate with a pencil (see Fig. 3).
8. Remove the strike and use a chisel to cut out a 1/8" (3.2mm) deep space for the faceplate (see Fig. 4).
9. Place the strike with attached faceplate in the hole and double-check the fit and operation with the door bolt. Make any adjustments.
10. Connect the two wires to the access control or egress device, such as a keypad, pushbutton, push bar, or other device. Polarity is not important. Insulate the wire connections carefully (see Fig. 5).
11. Push the connected wires into the hole in the door jamb so they are not exposed when the strike is fully mounted.
12. Use the two included wood screws to screw the faceplate tightly to the door jamb (see Fig. 6).

**IMPORTANT:** Warranty voided if power is applied for more than 15 seconds.

Fig. 1

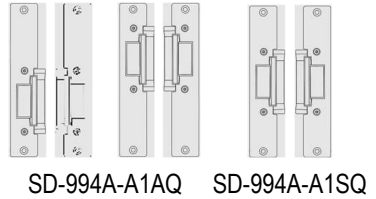


Fig. 2

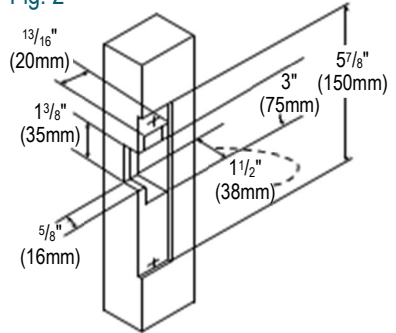


Fig. 3

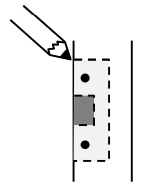


Fig. 4

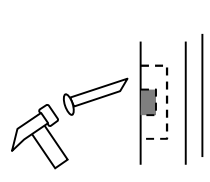


Fig. 5

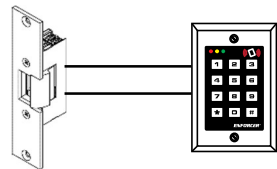
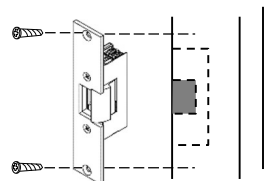


Fig. 6



## Troubleshooting

Electric strike does not activate

- Remove the strike and check that the wires are connected properly
- Use a multimeter to test that the strike is receiving the proper voltage and amperage.  
If it is not, it may be necessary to use heavier gauge wires, or increase the output of the power supply
- Make sure the activation device (keypad or pushbutton switch) is working properly.

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Door does not open when the electric strike is activated

- Check that the door latch is operating properly, and replace if necessary
- The position of the electric strike may need to be adjusted by moving it or adding washers or shims

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**IMPORTANT:** Users and installers of this product are responsible for ensuring that the installation and configuration of this product complies with all national, state, and local laws and codes. SECO-LARM will not be held responsible for the use of this product in violation of any current laws or codes.

**California Proposition 65 Warning:** These products may contain chemicals which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

**WARRANTY:** This SECO-LARM product is warranted against defects in material and workmanship while used in normal service for one (1) year from the date of sale to the original customer. SECO-LARM's obligation is limited to the repair or replacement of any defective part if the unit is returned, transportation prepaid, to SECO-LARM. This Warranty is void if damage is caused by or attributed to acts of God, physical or electrical misuse or abuse, neglect, repair or alteration, improper or abnormal usage, or faulty installation, or if for any other reason SECO-LARM determines that such equipment is not operating properly as a result of causes other than defects in material and workmanship. The sole obligation of SECO-LARM and the purchaser's exclusive remedy, shall be limited to the replacement or repair only, at SECO-LARM's option. In no event shall SECO-LARM be liable for any special, collateral, incidental, or consequential personal or property damage of any kind to the purchaser or anyone else.

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