

SECO-LARM®

Electric Door Strike with Horizontal Adjustment

SD-995A-A1Q

Installation Manual



The SECO-LARM Electric Door Strike with Horizontal Adjustment provides a miniature lock body for easier installation in both wood and metal frames and is reversible for right- or left-handed installations. The keeper is horizontally adjustable up to $\frac{1}{4}$ " to compensate for installation difficulties such as warped doors, different-sized latch bolts, etc.

- Operating voltage: 8~16VAC/12VDC
- Current draw: 750mA@12VDC
- Fail-secure operation
- Reversible for right or left-handed doors
- Corrosion-resistant case and moving parts
- 1,000-lb (453kg) Static strength
- Tested to 500,000 cycles
- Keeper depth: $\frac{21}{32}$ " (16.8mm)
- Latch depth: $\frac{3}{4}$ " (19mm)
- Strike depth: $1\frac{1}{2}$ " (38mm)
- Complete mounting hardware included
- Screw terminals for ease of wiring
- Durable stainless steel faceplate - ANSI size: $1\frac{1}{4}$ "x $47\frac{1}{8}$ "x $\frac{1}{8}$ " (32x124x3.2 mm)
- Optional stainless steel ANSI Faceplate – SD-995RE-21Q: $1\frac{1}{4}$ "x $7\frac{15}{16}$ "x $\frac{1}{8}$ " (32x202x3.2 mm)

SECO-LARM®

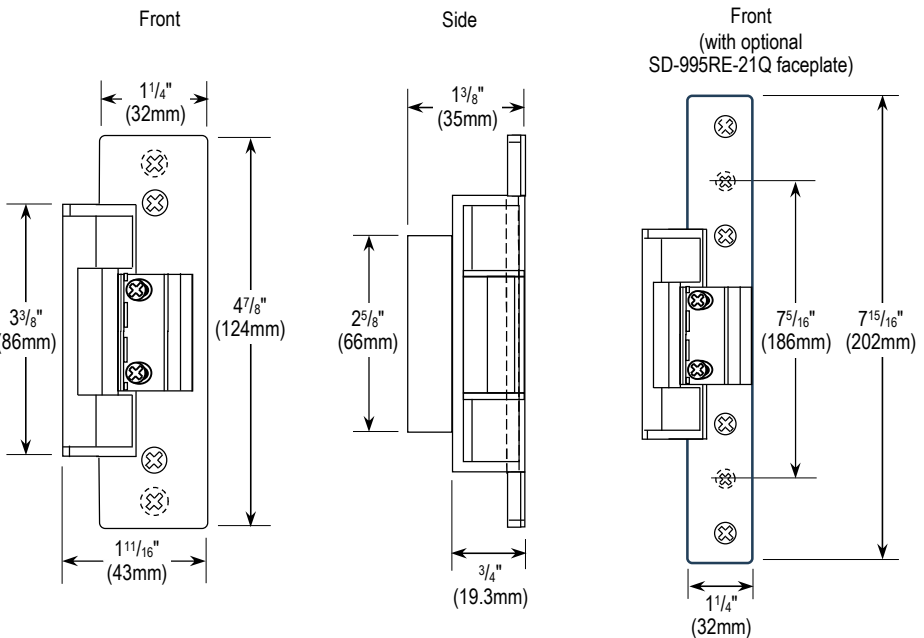
Parts List

1x Door strike	1x Mounting plate	1x Mounting template
2x Mounting tabs	2x Wood screws	4x Machine screws
4x Machine screws (narrow)	2x Black anchor nuts	1x Manual

Specifications

Operating voltage	8~16 VAC/12VDC
Operation type	Fail-secure
Current draw	12VDC: 750mA 16VAC: 800mA
Latch throw (max.)	5/8" (16mm)
Strike depth	1 1/2" overall (38mm)
Keeper	Adjustable, max 1/4" (6mm)
Design	Reversible, non-handed
Static strength	1,000-lb (454kg)
Operating temperature	14°~113° F (-10°~45° C)
Dimensions	1 11/16" x 4 7/8" x 1 3/8" (43x124x35 mm) (including standard faceplate)
Weight	10.3-oz (292g)

Overview



Installation

1. Measure the center line of the door latch from the top of the door frame. This is shown as "Y" on the diagram in Fig. 1, right
2. Measure the distance from the door latch to the edge of the door frame. Ignore the deadlatch pin when taking measurements. This is the door latch line. This is shown as "X" on the diagram in Fig. 2.
3. Measure distance "X" from the side of the door frame, and distance "Y" from the top of the door frame. Use a pencil to mark the exact spot where the two lines intersect (see Fig. 3).
4. Carefully peel off the short, thin tab in the center of the stick-on template. When placed against the frame, this opening in the template will easily line up with the X-Y mark.
5. Peel the template from the backing, and carefully apply it to the door frame
6. Using the template as a guide, cut into the door jamb to a depth of $\frac{3}{4}$ " (19mm).

NOTE: If cutting into a wooden door, use a chisel to knock out a $\frac{1}{8}$ " (3mm) deep cut as shown on the template.

7. Using two of the included machine screws (narrow) and black clips, affix the mounting tabs to the inside of the door jamb (see Fig. 4).
8. Adjust keeper to correct position (see *Keeper Adjustment*, pg. 4).
9. Connect the two wires from the access control or egress device, e.g. keypad, push-button switch, push-bar, etc. to the Door Strike terminals. Polarity is not important.
10. Conceal all wires in the door frame. Use two of the included machine screws to mount the unit to the mounting tabs. Adjust as needed to ensure the door closes smoothly (see Fig. 5).

Fig. 1

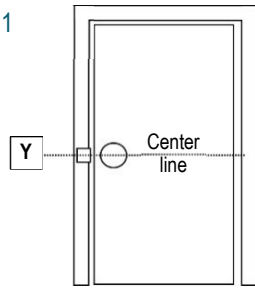


Fig. 2

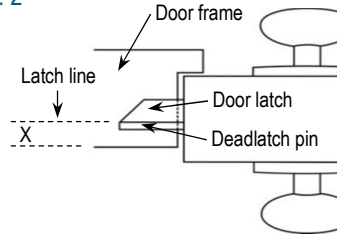


Fig. 3

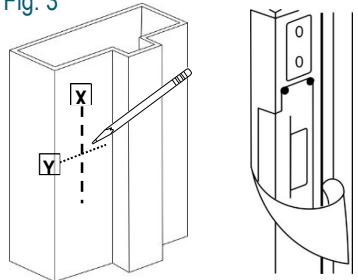


Fig. 4

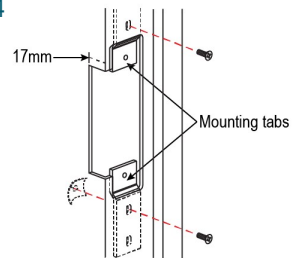
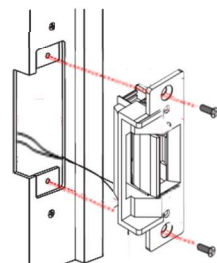


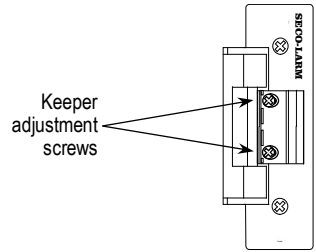
Fig. 5



Keeper Adjustment

The keeper can be easily adjusted horizontally to account for various installation anomalies. To adjust the keeper:

1. Loosen the two keeper adjustment screws.
2. Move the keeper horizontally to the desired position.
3. Retighten the two keeper adjustment screws.



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

Door does not open when the 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

Accessories

Installation Jig



SD-995JA-11Q

Stainless Steel ANSI Faceplate



SD-995RE-21Q

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.

WARRANTY: This SECO-LARM product is warranted against defects in material and workmanship while used in normal service for three (3) years 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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