

SECO-LARM®

Electric Door Strikes Manual



SECURITY
UL 43RG
LISTED

SD-994C



SD-995C

Model #	Operating Voltage	Door Type
SD-994C	12VDC	Wood
SD-994C24	24VDC	Wood
SD-995C	12VDC	Metal
SD-995C24	24VDC	Metal

Note: This strike is not weatherproof and should only be installed indoors.

SECO-LARM Electric Door Strikes

Features:

- Converts cylindrical lock sets into an electronic access-controlled locking system
- Field-selectable for fail-safe or fail-secure operation
- Can be used with virtually any cylindrical door locking system
- Can use with an optional digital keypad
- Suitable for office-type applications
- Reversible non-handed design fits either right-hand or left-handed doors
- Shallow design for use with most metal doors
- Powered by a solenoid, not a buzzer coil
- For Indoor Use Only
- Static strength – 1,000 lbs. (454kg)
- Stainless-steel keeper for strength and long life
- Non-polarized connection
- Tested to 250,000 cycles (UL Tested)
- The SD-994/994C24/995/995C24 is intended to be used with UL Listed Exit Hardware
- The SD-994/994C24/995/995C24 shall not impair the intended operation of an emergency unit
- The SD-994/994C24/995/995C24 shall not impair the operation of panic hardware mounted on the door
- Optional lip-extension brackets available:
 - SD-995C-LE25 – 1" Extension
 - SD-995C-LE50 – 2" Extension

Specifications:

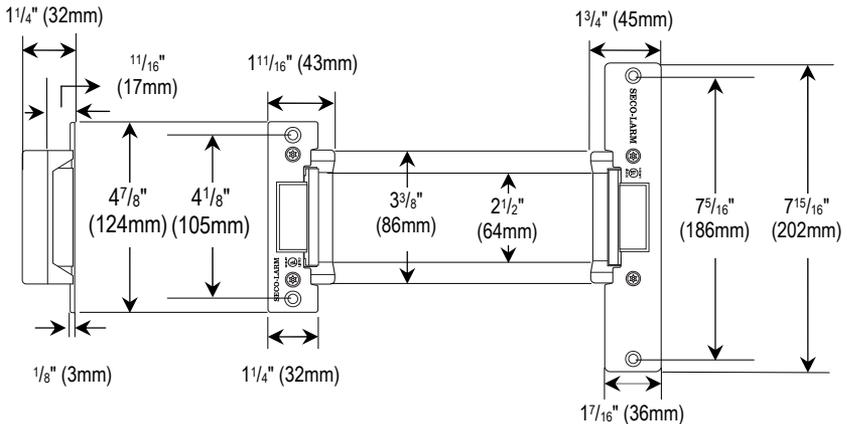
Model #	SD-994C	SD-994C24	SD-995C	SD-995C24
Operating voltage	12VDC	24VDC	12VDC	24VDC
Current draw	280mA	140mA	280mA	140mA
Operating temperature	14°~113° F (-10°~45° C)			
Static strength	1,000 lbs. (454kg)			
Dynamic strength	50 ft-lbs. (6.91 m-kgs)			
Destructive attack	Level 1			
Line security	Level 1			
Endurance	Level IV			
Standby Power	Level 1			
Dimensions	7 ¹⁵ / ₁₆ "x1 ⁷ / ₁₆ "x1 ¹ / ₄ " (202x36x32 mm)		4 ⁷ / ₈ "x1 ¹ / ₄ "x1 ¹ / ₄ " (124x32x32 mm)	

Parts List:

Door Strike	x 1	Trim plate screws	x 2	Security screws	x 2
Mounting Plates	x 1	Mounting tabs	x 2	Black anchor nuts	x 2
Mounting template	x 1	Wood screws	x 2	Security Allen wrench	x 1
Electrical connectors	x 2	Machine screws	x 4		
Trim plate	x 1	Machine screws (narrow)	x 2		

Note: Not all parts will be used in every installation.

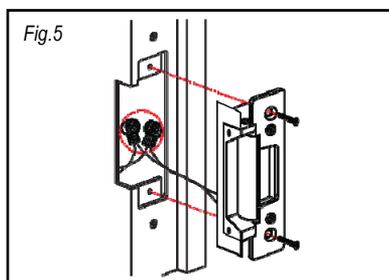
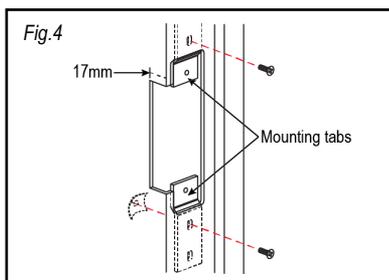
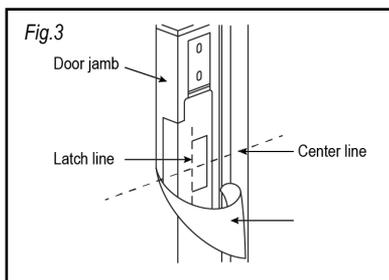
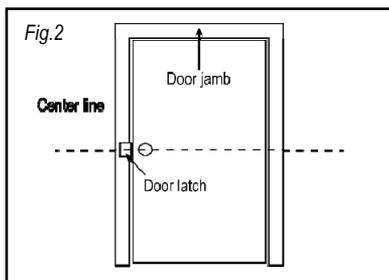
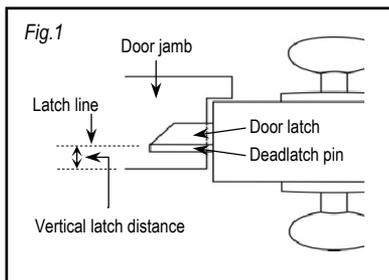
Overview:



Installation:

1. Measure the latch line (see fig. 1).
 - a. Measure the distance between the face of the door jamb and the face of the door latch. This is the vertical latch distance.
 - b. Measure the vertical latch distance on the door jamb from the face of the door jamb. At that point, draw a vertical line. This is the latch line.
2. Measure the center line (see fig. 2).
 - a. Measure the distance from the floor to the center of the door latch. Ignore the location of the deadlatch pin when taking measurements.
 - b. Measure the same distance as above along the inside of the door jamb. This is the center line.
3. Align the included mounting template to the latch and center lines (see fig. 3)
4. Using the template as a guide, cut into the door jamb to a depth of $1\frac{1}{16}$ " (17mm).

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.
5. Using two of the included small screws (M4x12) and black clips, affix the mounting tabs to the inside of the door jamb (see fig. 4).
6. Program fail-safe or fail secure (default – fail secure, see "Programming for Fail-Safe or Fail-Secure on page 4).
7. Connect the two wires to the access control or egress device, e.g. keypad, push-button switch, push-bar, etc. using the provided electrical connectors. Polarity is not important. Ensure that no bare wiring is exposed.
8. Conceal all wires in the door frame. Adjust trim plate to cover any gaps in installation. Use two of the included large screws (M5x12) to mount the unit to the mounting tabs. Adjust as needed to ensure the door closes smoothly (see fig.5).



Note: Trim plate is optional and may not be required in all installations. Only use the trim plate to cover any gaps in the door frame.

SECO-LARM Electric Door Strikes

Selecting Fail-Safe or Fail-Secure Operation:

1. Remove the locking screw and loosen the sliding screw.
2. Slide the sliding screw to the desired setting. Replace the locking screw and retighten both screws.

Factory default: Fail-safe

Fail Safe:



Locking screw

Fail Secure:



Sliding screw

Troubleshooting:

Electric strike does not activate.

- Unmount the strike and check that the two wires are connected properly.
- Ensure the wires are connected to a 12 or 24VDC source.
- 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 push-button switch) is working properly.

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.

Strike makes a buzzing sound.

- Use DC power supply instead of AC power.

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