

SECO-LARM®

Electric Door Strikes

Manual



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.

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-994C/994C24/995C/995C24 is intended to be used with UL Listed Exit Hardware
- The SD-994C/994C24/995C/995C24 shall not impair the intended operation of an emergency unit
- The SD-994C/994C24/995C/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

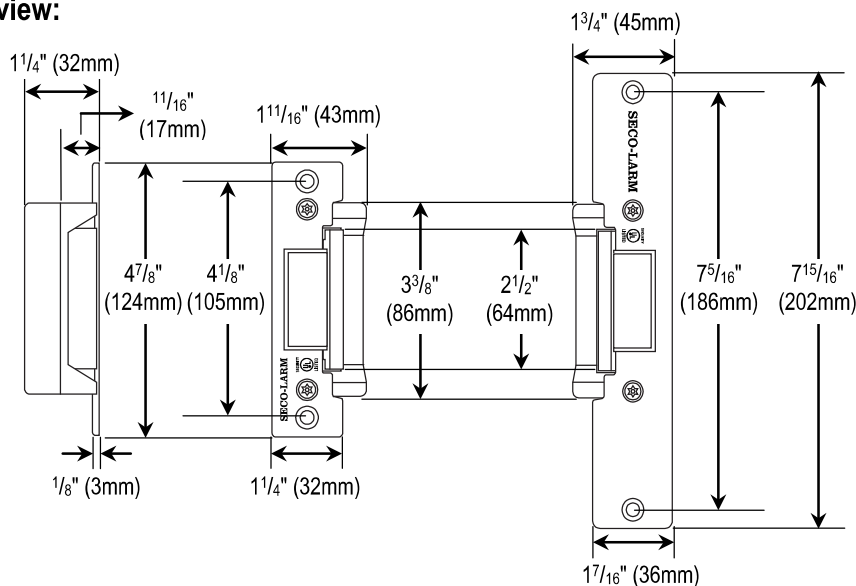
Specifications:

Model #	SD-994C	SD-994C24	SD-995C	SD-995C24
Operating voltage	12VDC	24VDC	12VDC	24VDC
Current draw	280mA	140mA	280mA	140mA
Operating temperature	32°~120° F (-0°~49° C)			
Static strength	1,000 lbs. (454kg)			
Dynamic strength	50 ft-lbs. (6.91 m-kgs)			
Dimensions	7 ¹⁵ / ₁₆ "x17 ¹ / 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	<i>Note: Not all parts will be used in every installation.</i>	
Trim plate.....	x 1	Machine screws (narrow).....	x 2		

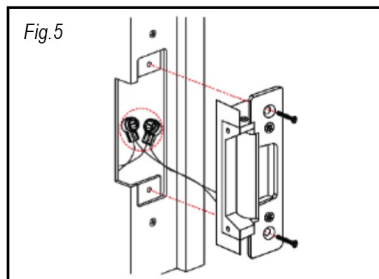
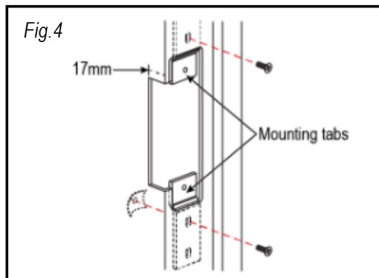
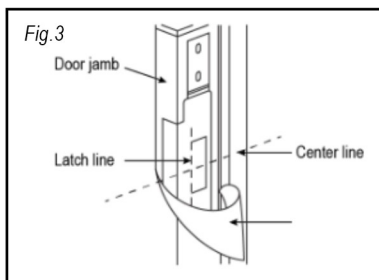
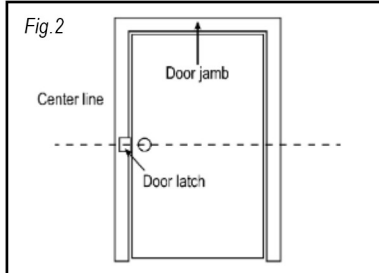
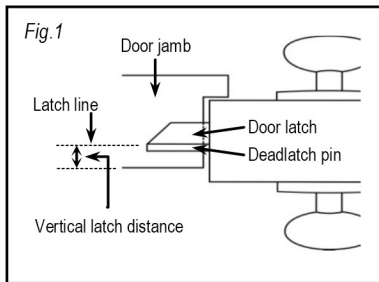
Overview:



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).

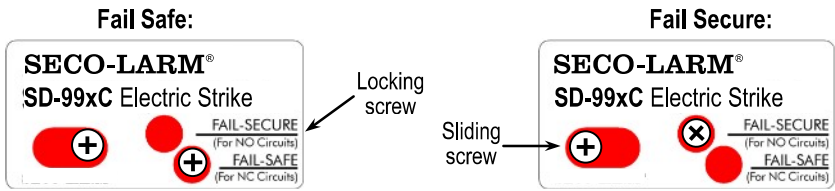
NOTE: If cutting into a wooden door, use a chisel to knock out a $\frac{1}{8}$ " (3mm) deep cut as shown on the template.
5. Using two of the included small screws (M4x12) and black clips, affix the mounting tabs to the inside of the door jamb (see fig. 4).
6. Program fail-safe or fail secure (default – 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.

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



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.

LIMITED 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.

NOTICE: The information and specifications printed in this manual are current at the time of publication. However, the SECO-LARM policy is one of continual development and improvement. For this reason, SECO-LARM reserves the right to change specifications without notice. SECO-LARM is also not responsible for misprints or typographical errors. Trademarks are the property of SECO-LARM U.S.A., Inc. or their respective owners.
Copyright © 2016 SECO-LARM U.S.A., Inc. All rights reserved. This material may not be reproduced or copied, in whole or in part, without the written permission of SECO-LARM.

SECO-LARM® U.S.A., Inc.

16842 Millikan Avenue, Irvine, CA 92606

Phone: (949) 261-2999 | (800) 662-0800

Website: www.seco-larm.com

Email: sales@seco-larm.com

 PITGW1

MI_SD-99xC_160912.docx