

Troubleshooting:

Problem:	Possible cause:	Solutions:
Deadbolt does not activate when the door closes.	The sensor in the lock body is too far from the magnet in the strike plate.	<ul style="list-style-type: none"> Try adjusting the strike plate, lock body position, or shims.
Deadbolt activates when the door is closed, but does not lock the door.	Deadbolt may not be properly going into the deadbolt hole in the door.	<ul style="list-style-type: none"> Make sure the deadbolt is going into the hole and not hitting the strike plate. If not, you must reposition the strike plate. If the deadbolt is going into the hole, it may be hitting the bottom of the hole (if it is in a wooden door). In this case, drill a deeper hole.
How to reset unit.		<ul style="list-style-type: none"> Ground the green wire momentarily.
For any other problems		<ul style="list-style-type: none"> Substitute a problem unit for a working unit in another door frame to see if it works there.

Also Available from SECO-LARM:

Electric Deadbolt



SD-997B-GBQ
Fail-safe,
12/24 VDC operation.
With door-position
monitoring output.

Electric Shear Lock



SD-993B-SS
Holding force:
1,500lb (680kg).
Small size for use with
most metal door jambs.

Electromagnetic Locks



Available with 80, 300,
600, 1,200, or 1,300-lb
holding force. All locks come
with a lifetime warranty.



Universal Door Strike



SD-996C-NUQ
Field selectable fail-safe or
fail-secure operation.
UL listed.



SECO-LARM®

SD-997B-1SQ

Mini Surface-Mount Deadbolt Manual



- Fail-safe operation (unlocks if power is lost).
- Surface-mount design for easy installation.
- Magnetic switch senses door position for positive locking.
- Aluminum alloy bolt, ¹⁵/₃₂" (12.7mm) diameter, ⁹/₁₆" (14mm) throw.
- Automatically relocks after 6 seconds if the lock was unlocked but the door was not opened.
- Door open/close monitor (NC/COM).
- Lock delay timer adjustable between 0 and 3 seconds.
- Use with an optional digital keypad for high security without a key.
- Powered by a solenoid.

WARRANTY: This SECO-LARM product is warranted against defects in material and workmanship while used in normal service for a period of one (1) year from the date of sale to the original consumer 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 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 damages 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.

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PITSW2
MiSD997B-1SQ_140506.indd

SECO-LARM® **SLI**



Mini Surface-Mount Deadbolt Manual

Introduction:

The SECO-LARM Mini Surface-Mount Electric Deadbolts is designed for hollow metal door frames and solid wooden door frames. Its small size makes it easy to add secure, electrical locking to small doors.

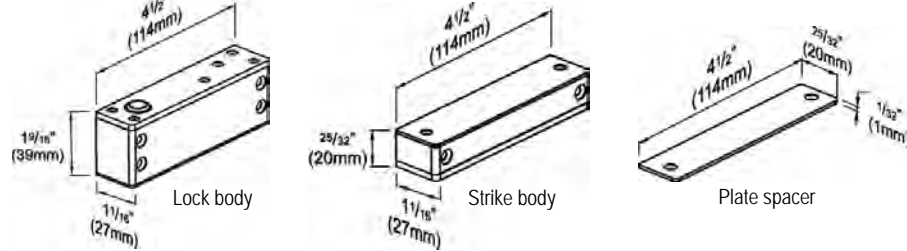
Specifications:

Operation	Fail-safe	
Operation voltage	12VDC	
Current draw	Standby	237mA@12VDC max.
	Active	650mA@12VDC max.
Status sensor	250mA@30VDC (NC/COM)	
Adjustable lock delay timer	0/3 s (default)	
Operating Temperature	32°~158° F (0°~70° C)	
Weight	1-lb, 2.5-oz (450g)	

Parts List:

1x Lock body	1x 5-pin connector
1x Strike body	6x Mounting screws (M4x40mm)
2x Plate spacer	6x Screw cover stickers

Overview:



Installation:

- Determine where the deadbolt will be mounted (see fig. 1).
- Adjust the wire output direction based on the selected application and adjust the lock delay time if necessary (see fig. 3).

Adjust the wire output direction

- Unscrew the 2 screws and remove the cover of the lock body.
- Remove the wire grommet from the lock body and insert the wires of the 5-pin connector into the grommet.
- Plug the 5-pin male connector into the 5-pin socket and adjust the desired wire output direction as shown in fig. 3.

Adjust lock delay time

- The default lock delay time is 3s. To remove the delay time, remove the jumper (see fig. 3).
- Use the screw holes of the lock body and strike body as template and mark the locations of the screws with a pencil.

- Secure the lock body and strike body with the 6 included screws. Use 4 screws for the lock body and 2 screws for the strike body. Cover the screw heads with the provided screw cover stickers.

Note: If there's a gap between the lock body and the strike body, use the included 2 plate spacers to correct the alignment as shown in fig. 2.

- Connect the wires and insulate them (see fig. 4):

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- Red – Power input (+)
- Brown – Power input (-)
- Green – Control wire (-) ground to release bolt
- Blue – Door monitor, COM
- Purple – Door monitor, N.C. (active when door closed)

Warning :

- Correct polarity of the red and brown wires is critical. Incorrect polarity will burn out the solenoid.
- Do not connect a voltage input on the green wire otherwise it will damage the unit.
- Maximum distance between lock body and strike body must not exceed 6mm.

Fig. 1 – Possible Mounting Locations.

Fig. 2 – Using the Plate Spacers

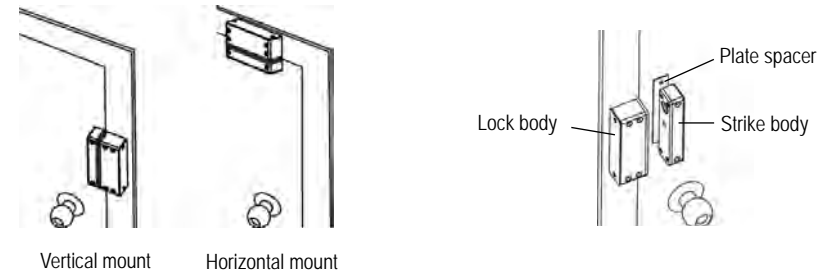


Fig. 3 – Adjusting the Lock Delay Time / Wire Output Direction.

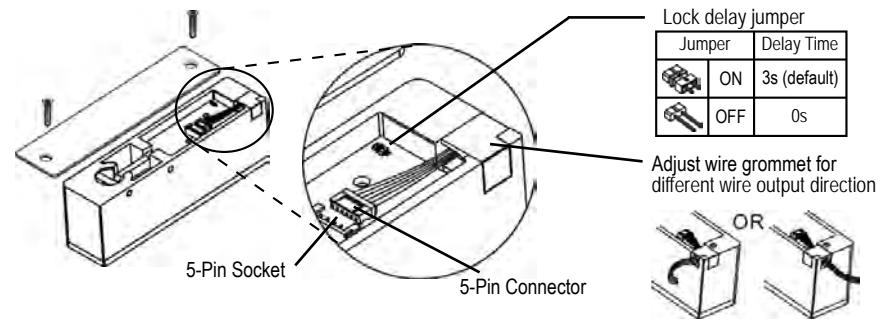


Fig. 4 – Wiring Diagram

