

Electric Deadbolt Installation Manual

Specifications	SD-997A-DQ	SD-997B-GBQ	SD-997BQ
Operation	Fail-secure	Fail-safe	
Operation voltage	12VDC	12/24 VDC	12VDC
Current draw	Standby	320mA@12VDC	340mA@12VDC / 180mA@24VDC
	Active	880mA@12VDC	900mA@12VDC / 440mA@24VDC
Status sensor	SPDT, 500mA @ 12VDC (NO/NC/COM)		
Adjustable delay timer	0/3/5/9 secs.	0/2.5/5/9 secs.	
Weight (approx.)	2-lbs,5-oz (1kg)	1-lb,13-oz (0.8kg)	

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"> When testing, if necessary, reset the unit by grounding the orange wire momentarily.
For any other problems		<ul style="list-style-type: none"> Replace the unit, and test again. A problem unit can also be substituted for a working unit in another door frame to see if it works there.

Optional Mounting Brackets Available for SD-997B Series:

Surface-Mount Bracket

SD-997SMB-AQ

- Mount the deadbolt and strike plate on the door jamb instead of in the door frame.



"U" Bracket

SD-997UB-AQ

- Mount the deadbolt and strike plate on glass doors.



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.

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Installation Manual

SECO-LARM®

SD-997A-DQ – Fail-Secure, 12VDC

SD-997BQ – Fail-Safe, 12VDC

SD-997B-GBQ – Fail-Safe, 12/24 VDC

Electric Deadbolt

SECO-LARM Electric Deadbolts are designed for hollow metal door frames. They are not recommended for wooden door frames. However, door can be wood or metal.

Features

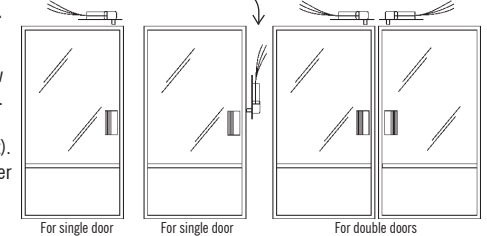
- Adds concealed deadbolt security to most wood or hollow metal doors, with the convenience of electrical operation.
- Stainless steel bolt, 5/8" diameter, 5/8" throw.
- SD-997A-DQ – Fail-secure operation (locks if power is lost).
- SD-997B Series – Fail-safe operation (unlocks if power is lost).
- Magnetic switch senses door position for positive locking.
- Attempts to relock multiple times if the door is not closed properly (SD-997A-DQ & SD-997B-GBQ only).
- Door open/close monitor (NO/C/NC).
- Adjustable door lock delay timer - see Specifications.
- Use with an optional digital keypad for high security without a key.
- Easily connects to SECO-LARM's SK-1011-SQ Digital Access Keypad.
- Suitable for office-type applications.



SD-997B series shown

Fig. 1 - Possible Mounting Locations

Important - For vertical mounting of SD-997B series only, wires must come out the top of the unit.



For single door

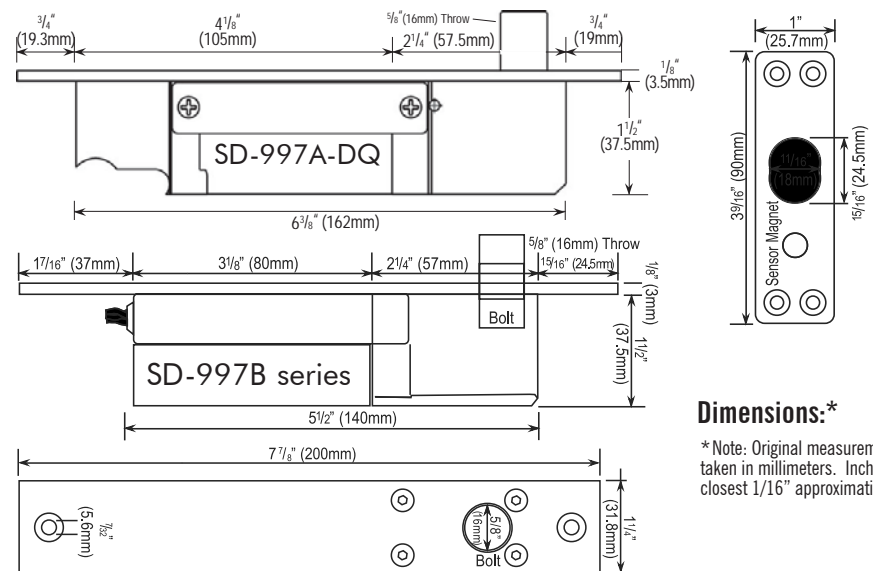
For single door

For double doors

- Optional mounting brackets available.
- Shallow design for use with most metal door jambs.
- Powered by a solenoid.
- Stainless steel for strength and long life.

Mounting Location

Can be mounted opposite the door hinges, or on the header or on top of the door away from the hinges. Mounting on the bottom of the door is not recommended because of the possibility of dirt and dust buildup. (see fig. 1)



Dimensions:*

* Note: Original measurements taken in millimeters. Inches are closest 1/16" approximation.

