SECO-LARM®

SD-997C-GCQ

Electric Deadbolt Cabinet Lock

Manual

Features:

- Electronically secure lockers, cabinets, cases, and drawers
- Lock status sensor allows for monitoring whether doors or drawers are locked
- Selectable fail-safe/fail-secure operation

- Operating voltage: 12/24 VDC
- Current draw: 300mA@12VDC, 150mA@24VDC
- Mounting hardware included

SECO-LARM® **SLI**

CE RoHS

Introduction:

The SECO-LARM Electric Deadbolt Cabinet Lock contains on-site reversible fail-safe/fail-secure operation and dual voltage settings, allowing for secure installation for lockers, cabinets, cases and drawers. The built-in lock status sensor allow for monitoring whether the cabinet doors are locked.

Specifications:

| Model		SD-997C-GCQ
Operation		Fail-safe/Fail-secure
Operating voltage		12/24 VDC
Current Draw	12VDC	300mA
	24VDC	150mA
Contact switch		NO/NC
Lock status		Micro-switch
Lock status rating		1A@30VDC
Dimensions		$3^1/_4$"x$1^3/_{16}$"x$1^1/_8$" (82x30x28 mm)

Parts List:

1x Cabinet lock body   1x Lock plate   1x Manual

7x 1" Wood screws   1x Stainless steel cover

Overview:
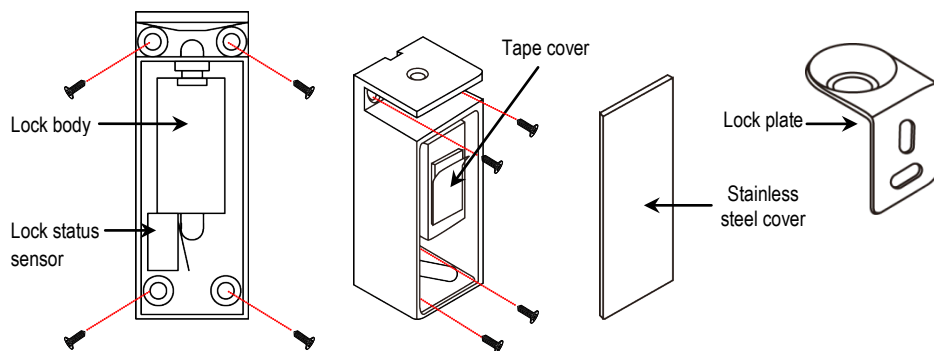

Front   Side   Mounting Holes
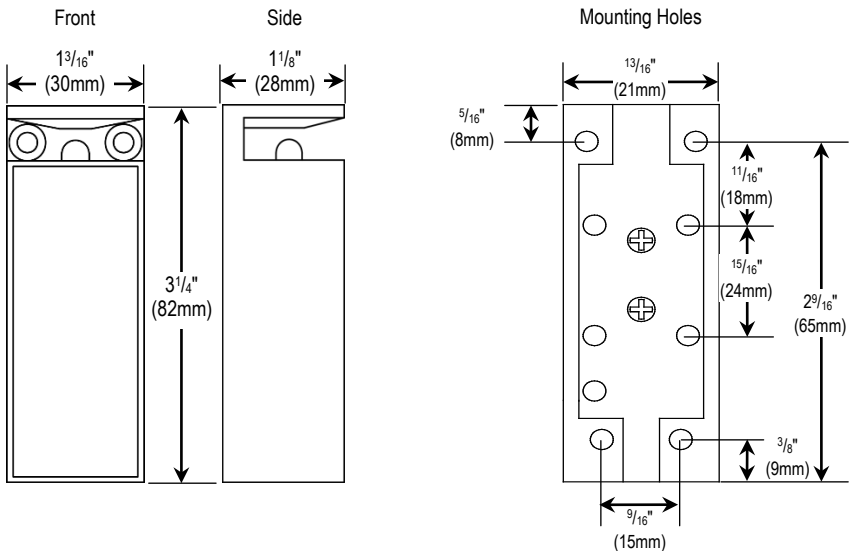
Selecting Fail-safe/Fail-secure Operation:

1. Remove the 2 holding screws from the back of the lock body (fig.1).
2. Remove the lock body and the wires from the solenoid.
3. Reverse the solenoid direction (fig.2) to either match the proper fail-safe (fig.3) or fail-secure position (fig.4).
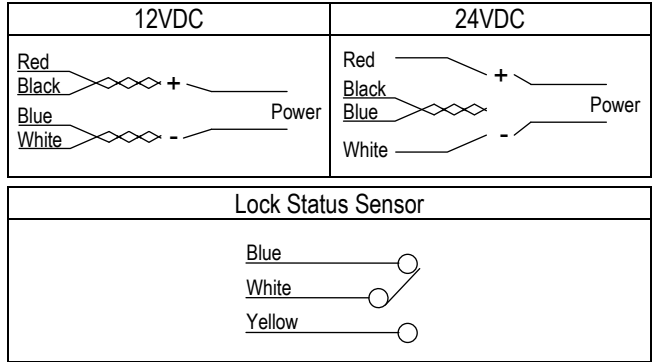4. Put the wires back through the access hole.
5. Replace the screws.

Fig.1

Fig.2

Fail-safe Position

Fig.3
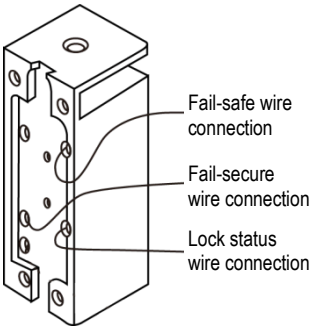
Fail-secure Position

Fig.4
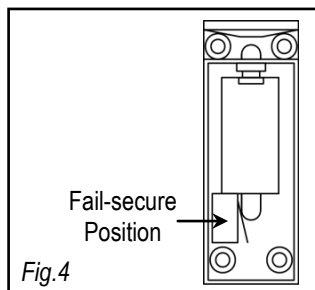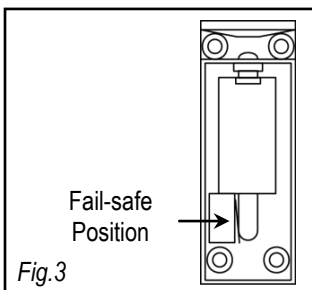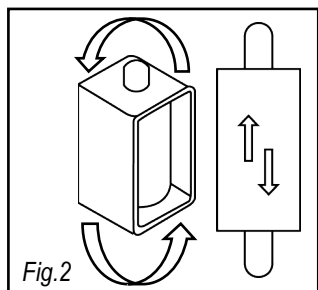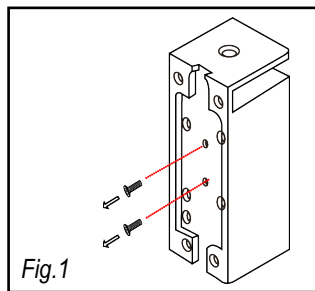
Installation:

1. Set the cabinet lock to either fail-safe or fail-secure by removing the solenoid and reversing its direction if needed (see "Selecting Fail-safe/Fail-secure Operation" above).
2. Mount the cabinet lock body. For positioning of mounting holes, refer to "Overview" dimensions and diagrams (page 2).
3. Determine the location of the lock plate, ensuring that the hole in the lock plate aligns with the deadbolt. Install the lock plate with 2 included screws. Check alignment and adjust if necessary.
4. For wiring instructions, see "Wiring Connections and Diagram" (page 4).
5. Remove the tape cover and apply the stainless steel cover onto the adhesive tape (Ensure that the cover is clean and free of oil or dirt before applying).
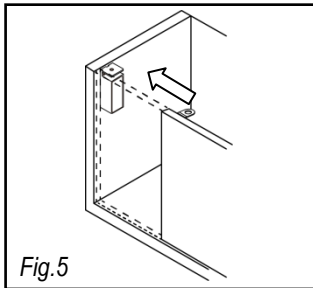
Lock body

Lock status sensor

Tape cover

Lock plate

Stainless steel cover

Wiring Connections and Diagram:

Fail-safe wire connection

Fail-secure wire connection

Lock status wire connection

12VDC	24VDC
Red Black ——>+ Blue White ——>− Power	Red ——>+ Black Blue ——> White ——>− Power

Lock Status Sensor
Blue White Yellow

Sample Applications:

Sliding door (case)	Swinging door (cabinet)	Drawer
Fig.5	Fig.6	Fig.7

SECO-LARM® U.S.A., Inc.