Features

**DUAL VOLTAGE:** Power input is installer-configurable for 12 or 24 VAC/VDC input.

**FAIL SAFE:** Bolt extends only when power is applied and lock is energized. Interruption of power causes the bolt to automatically spring retract.

**NARROW 1-5/8" BACKSET:** Compact design allows for installation in header or jamb plus top, vertical or bottom door stile when power is transferred to the door.

**STATUS MONITORING:** Optional built-in door and / or bolt position status reporting with a choice of concealed or visible sensors.

**SILENT & CONTINUOUS DUTY:** Heavy Duty low voltage solenoid is designed to withstand continuous duty.
Door and Frame Preparation

FRAME PREPARATION

DOOR PREPARATION

1/8" DRILL FOR #10 SMS (4 PLACES)

1/8" DRILL FOR #10 SMS (4 PLACES)
Configuring Input Power

1) Select the included 12V or 24V Power Harness, to match the output voltage of your power supply, and connect its 4-pin plug-end to the matching connector on the 1300 coil harness (Figure A).

2) Connect the 2-pin plug-end of the assembled power harness to the 1300 Circuit Board, by sliding it onto the circuit board pins marked “COIL”. If equipped, the ARSB/ARSM Auto-Relock Switch Option wire harness should be connected on the adjoining set of pins marked “SWITCH”. See Figure B for further detail.

3) Proceed to Wiring Info, page 4, to complete the electrical installation.
Installation Procedure

Note: Not recommended for installation in wood frames.

1) Provide a cutout with clearance for a 1-1/2" wide x 8" high lock front. A 1-5/8" backset minimum must be present.
2) Provide a cutout with clearance for a 1-1/2" wide x 4" high strike.
3) Install mounting brackets at the ends of both strike & lockfront cutouts. Brackets should project into cutout area 9/16" maximum. Leaving a clear opening of 6-7/8" for the lockfront & 2-7/8" for the strike.
4) Install lock & strike in cutouts & use the mounting holes in the lock front & strike as templates to finish drilling screw locations in the mounting brackets.
5) Remove any metal chips or burrs left by the installation.
6) Make wire connections & take care not pinch any wiring when installing the lock.

Input Power Wiring

12 or 24 VDC:
Application of the voltage as follows.
Negative to pin 1
Positive to pin 2.

12 or 24 VAC:
The connections are not polarized for AC operation.
Apply the voltage to pins 1 & 2.
Options

ARSB - Auto Relock Switch Ball type
SPDT Switch insures that the deadbolt will only project when the door is in the closed position.

ARSM - Auto Relock Switch Magnetic
SPDT Switch similar function to ARSB. Not recommended for installation in steel doors.

BPS - Bolt Position Switch
SPDT Switch signals a bolt extended or retracted condition.

DPSB - Door Position Switch Ball type
SPDT Switch signals a door closed/open condition to a remote location.

DPSM - Door Position Switch Magnetic
SPDT Switch signals a door closed/open condition to a remote location. Not recommended for installation in steel doors.

MB - Mounting Brackets
1 set (4 pieces) of predrilled mounting brackets to facilitate lock mounting.
PLEASE DELIVER THIS MANUAL THE END USER UPON COMPLETION OF THE 1300 INSTALLATION

FOR PRODUCT SUPPORT AND PARTS ORDERING INFORMATION CONTACT:

DynaLock Corp.
705 Emmett Street
Bristol, CT  06010
Bus: (877) 396-2562  Toll-Free USA
     (860) 582-4761
Fax: (860) 585-0338

DYNALOCK ON THE INTERNET:

E-mail: info@dynalock.com
Website: www.dynalock.com