

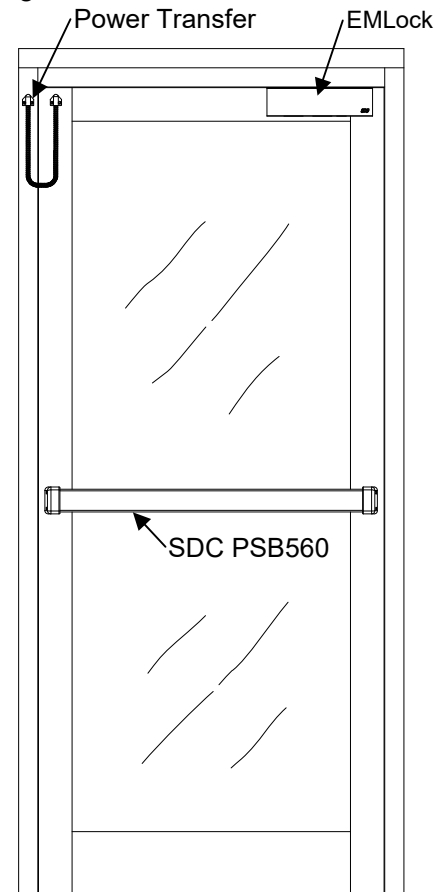


INSTALLATION INSTRUCTIONS

PSB560 PRESSURE SENSE BAR

The PSB560 is a pressure sense bar designed to release any magnetic lock with minimal applied pressure and requires no prior knowledge or effort for free egress. The available standard lengths fit standard door openings of 36", 42" and 48" (with stops no greater than 5/8") without cutting.

1. Using a level, mark a horizontal center line at the standard 40" to 42" from the finished floor.
2. With the template provided, mark all mounting holes and the wire hole by placing the template on the face of the door against the door jamb with door in the closed position as illustrated in Figure A.
3. Using a 3/8" drill bit, drill four (4) mounting holes through the door and the one (1) wire mounting hole in the hinge side of the door.
4. Install the sex bolts provided from the outside of the door.
5. Install the bar mounting bracket to the latch side of the door using the 1/4-20 screws provided.
6. Insert the bar rail under the tab of the installed latch side bracket.
7. Position the bar against the door and install the second bar mounting bracket using the 1/4-20 mounting screws provided. Make sure the bar rail is located under the bracket's mounting tab.
8. NOTE: If bar length needs be cut, install both mounting brackets on the door and measure between upright tabs on bracket for proper length of bar. See "X" dimension on Figure A.
9. Pull wire cable through the door's wire transfer (see Figure B for wiring connections).



FINAL ASSEMBLY AND TESTING

1. Turn on the power.
2. Depress the bar and verify proper orientation. The sensitivity is factory set and should not need adjustment under normal conditions.
3. Install the end caps with the #8-32 screws provided.

SENSITIVITY ADJUSTMENT

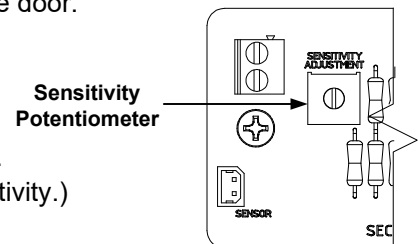
Most install may not require calibration. However if a higher activation pressure setting is desired to inhibit tampering from the outside, the sensors can be adjusted without removing the bar from the door.

1. Open the door.
2. Remove one of the end cap covers from the touch bar, then slide the touch bar to the side to expose the pc module within the bar.
3. Adjust the potentiometer on the electronics modules to the desired sensitivity. (Clockwise increases the sensitivity / Counter-Clockwise decreases the sensitivity.)
4. Slide the touch bar back into position and test the sensitivity.

NOTE:

Care must be taken to properly align the sensor assemblies when sliding the bar back into position.

5. Once sensitivity is acquired, reinstall the end cap.



Burglary – Resistant Electrically Operated Door-Locking Mechanism

Access Control Accessory

UL File: BP4663

Access Control Line Security	Destructive Attack	Endurance	Standby Power
I	I	IV	I

Any suggestions or comments to this instruction or product are welcome. Please contact us through our website or email engineer@sdsecurity.com

FIG. A

DEVICE INSTALLATION

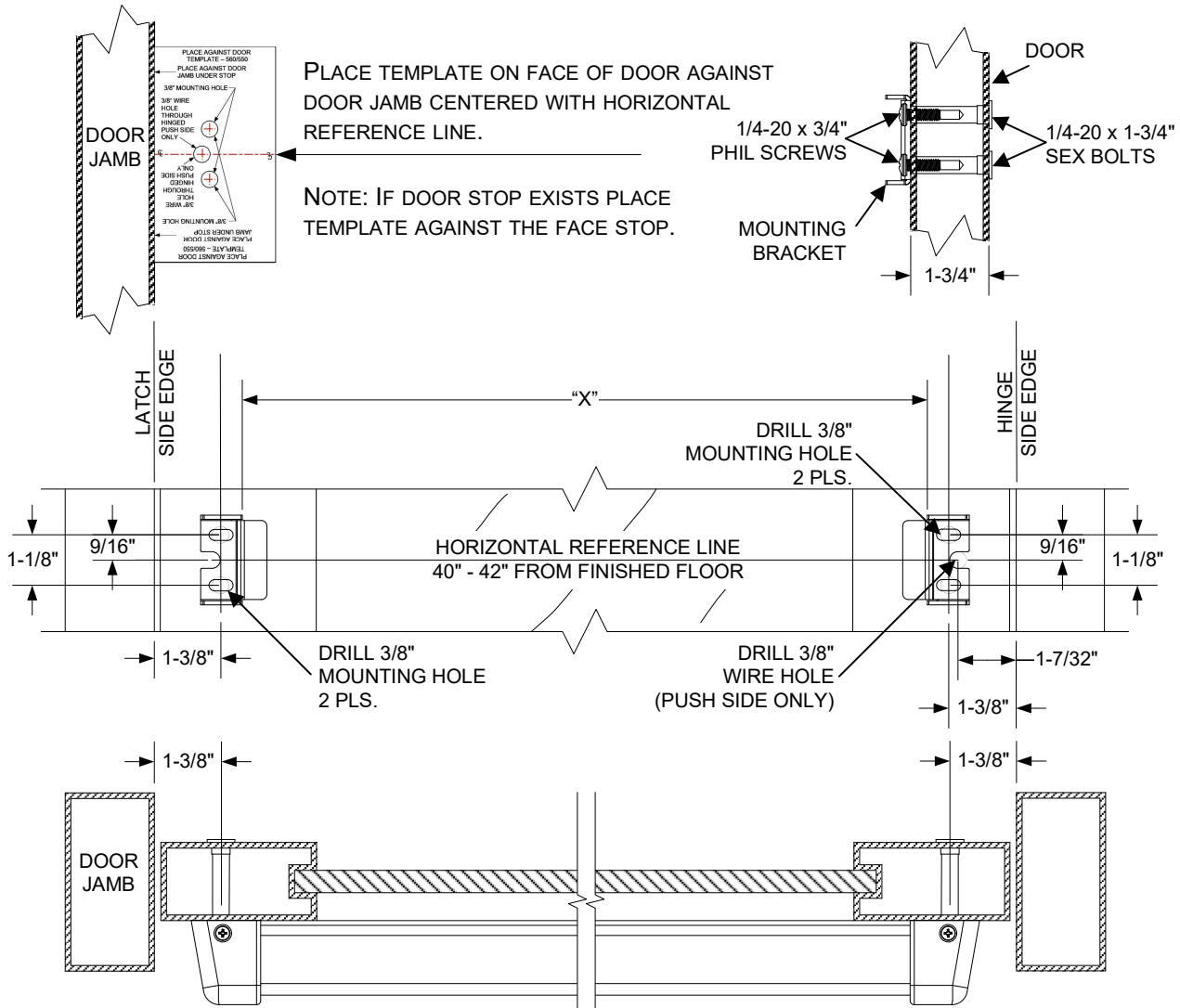
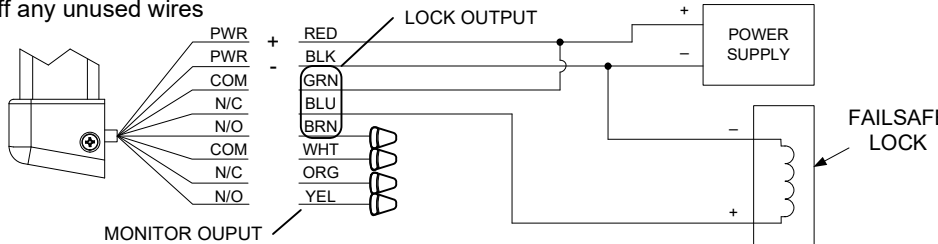


FIG. B

WIRING INSTRUCTIONS

VOLTAGE OUTPUT TO LOCK AND DRY SPDT AUXILIARY OUTPUT

*Cap off any unused wires



ELECTRICAL SPECIFICATIONS

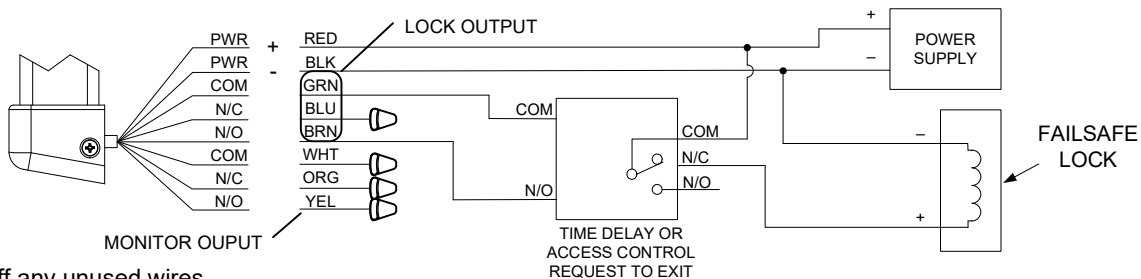
VOLTAGE: 12-24 VDC

CURRENT: 20mA @ RESET 115mA
ACTIVE

OUTPUTS: TWO SPDT DRY CONTACTS 3
AMPS @ 28 VDC

OPERATING TEMPERATURE: 0° TO 150°F

DRY CONTACT OUTPUT TO TIME DELAY OR ACCESS CONTROL AND DRY SPDT AUXILIARY OUTPUT



*Cap off any unused wires