

SDC SureExit®

# PSB560 Series

## Pressure Sense Bars



Stable and reliable pressure sense technology. Building codes essentially state that egress through access controlled doors must not require prior knowledge of operational requirements. Meeting this criteria, **SDC's patented SureExit® PSB560 series pressure sense bars** are designed to release electromagnetic door locks for uninhibited egress. When slight pressure is applied to the non-latching bar, either of the two redundant solid state pressure sensors are actuated causing the electronics to immediately release the electromagnetic door locks.

A third redundant micro switch is automatically activated to release the door if both sensors or the electronics fail. This automatic emergency release switch does not require prior knowledge to find or use. Door operation will continue without the inconvenience of emergency service. **The SDC SureExit® is the only tri-failsafe exit bar** providing unequaled safety and reliability.

**Unlike touch sensors, activation may be accomplished while wearing heavy gloves**, by the hip through a coat, or using a briefcase. Superior egress safety is provided for frail, disabled or wheelchair confined persons unable to touch the bar and is easily activated by a cane or bump from a walker or wheelchair.

**The PSB560 series uses heavy duty aluminum extrusion and metal caps.** The mounting assembly is all metal, and no plastic. The rigid construction prevents any malfunction due to sagging or warped doors or tweaked glass door stiles. With no moving parts the pressure sense technology does not suffer wear and provides quick and quiet operation.



### MODELS

**PSB560** Pressure Sense Bar



### STANDARD FEATURES

- Reliable pressure sense technology
- Human touch not required for activation
- Sensor calibration not required
- Quick and quiet operation
- Tri-failsafe
- Heavy duty aluminum extrusion
- Metal end caps
- High traffic use
- Temperature tolerant
- Narrow, low-profile
- Two outputs
- Power transfer loop included (PT-2U)
- 10ft, eight conductor cable included
- Easy installation and troubleshooting
- Auto-sensing dual voltage



## APPLICATIONS

### EASY INSTALLATION & TROUBLESHOOTING

Wires plug into the PC board after the bar is mounted and the extruded cover slides on easily after the wire connections are made. For quick and easy servicing, the extruded cover slides off without removing the bar from the door exposing all internal parts.

### SENSOR CALIBRATION NOT REQUIRED

Stable pressure sense technology does not require adjustment or tuning. When desired, pressure sensitivity can be increased up to 15 lbs to inhibit tampering for high security applications.

### TWO OUTPUTS

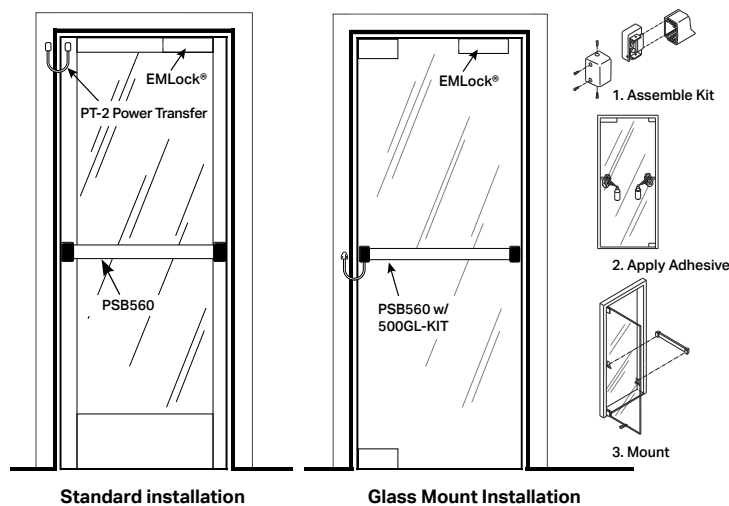
Two dry contacts for lock release, request-to-exit, alarm shunt, alarm activation or CCTV activation.

### TEMPERATURE TOLERANT

Pressure sense technology operates from 0° to 150° F and tolerates sudden and extreme temperature changes.

### NARROW, LOW PROFILE

The SureExit® has a narrow profile with minimum projection from the door of only 1 7/8". The unobtrusive design is ideally suited for aesthetically superior glass openings.



## SPECIFICATIONS

### PSB560

<b>Actuation</b>	Pressure Sense Technology; Tri-Failsafe
<b>Activation Force</b>	Factory set to 5 lbs Adjustable up to 15 lbs
<b>Input</b>	12/24 VDC ± 10%
<b>Current Draw</b>	115 mA Maximum 20 mA Continuous
<b>Contact</b>	SPDT (2) 3 Amp @ 30 VDC Resistive
<b>Operating Temperature</b>	0° to 150° F
<b>Door Width</b>	36", 42", 48" (May be field cut)
<b>Door Stile</b>	Narrow or Wide
<b>Projection</b>	1 7/8"
<b>Weight</b>	6.5 lbs


## CERTIFICATIONS



UL 294 Access Control System Units  
 UL 1034 Burglary-Resistant Electric Locking Mechanisms

CSFM Listed Exit Door Accessories 3625-0324:105

## HOW TO ORDER

### FOLLOW STEPS FOR ORDERING

 Designates optional step

<p><b>1  SPECIFY MODEL</b>  <b>PSB560</b> Pressure Sense Bar</p> <p><b>2  SPECIFY FINISH</b>  <b>V</b> 628 Dull Aluminum   <b>Y</b> 335 Dull Black  <b>S</b> 629 Bright Stainless  <b>U</b> 630 Dull Stainless</p>	<p><b>3  SPECIFY LENGTH*</b>  <b>36</b> 36" Door Opening   <b>42</b> 42" Door Opening  <b>48</b> 48" Door Opening</p> <p><small>* May be field cut.</small></p>								
<table border="1"> <tr> <td style="background-color: #003366; color: white;">STEP NUMBER:</td> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> </tr> <tr> <td style="background-color: #003366; color: white;">ORDERING EXAMPLE:</td> <td style="text-align: center;"><b>PSB560</b></td> <td style="text-align: center;"><b>V</b></td> <td style="text-align: center;"><b>36</b></td> </tr> </table>		STEP NUMBER:	1	2	3	ORDERING EXAMPLE:	<b>PSB560</b>	<b>V</b>	<b>36</b>
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## RELATED PRODUCTS

- 500GL-KIT** Single Bar Glass Door Mounting Kit and Adhesive for 8-10 Bars
- 500GL-MB** Single Bar Glass Door Mounting Kit, No Adhesive
- 500-SK\*** Shim Kit

\* Used to raise bar from door. Recommended for wood or hollow metal doors with uneven mounting surface.

## COMPONENT CONSIDERATIONS

### ELECTROMAGNETIC LOCKS

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SDC's magnetic Locks are suited for interior doors, perimeter exit doors and entrances that require failsafe emergency release capability. Our patented EMLock® design represents the pinnacle of magnetic lock evolution featuring a variety of options for any application. Our Excel™ series of value magnetic locks are designed for system integrators, distributors, and installers using low-cost import. The interlocking EZ mount assembly leaves hands free for wiring and securing of mounting screws.

### POWER TRANSFER DEVICES

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Electrified power transfer hinges (PTH Series), loops (PT Series), and mortise devices (PTM Series), provide both surface and concealed methods for running wires from the frame to transfer power and monitoring signals to doors equipped with electric locks and exit devices. Wireless power transfer devices (WPT Series), wirelessly transfer power and monitor latch bolt status, REX or data signals to electrified locks and latches.

### KEYPADS & READERS

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SDC has a variety of digital keypad and proximity card access control systems equipment to meet any need. SDC's access control keypads & readers are engineered to provide real-world door control of a single opening up to 100 doors, as indoor, outdoor, and PC-based systems, while ensuring fire and life safety code compliance along with superior expandability and flexibility in authorization identification, authentication, access approval, and accountability of entities through login credentials.

### POWER CONTROLLERS

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SDC access control power supplies have been developed specifically to support access controls and electric locking hardware. They are UL listed and provide filtered and regulated linear DC power, with optional control logic, component interface, alarm interface and battery back-up to meet the requirements of single and multiple access-controlled openings. The circuitry design is ideal for the inductive loads generated by access control hardware for high performance and longevity.

