

SDC HiShear®

# 1561S Series

## Surface Electromagnetic Shear Locks



SDC's HiShear® electromagnetic shear locks are designed, engineered and built in America for openings that require an architecturally superior appearance. Recognized as a cut above alternatives on the market, SDC shear locks provide high security with a failsafe locking mechanism to meet a variety of door opening applications. **The patented HiShear® design incorporates** a floating armature assembly and special alloy steel locking tabs on both the lock and armature assemblies, that may be adjusted both vertically and laterally to compensate for wide door gaps and warped or misaligned doors. Advanced electronic circuitry incorporates a door alignment relock sensor as well as an automatic sensing dual voltage input. Noise dampeners greatly reduce the noise associated with locking and unlocking when compared to other shear locks on the market.

HiShear® magnetic shear locks are ideal for use on commercial grade hollow metal and wood doors with metal frames and Herculite doors with top rails.

**1561S models are surface mounted to the push side of an out-swing door.**



### MODELS

**1561S** Surface Shear Lock, Integrated Electronics, 2000lbs



### STANDARD FEATURES

- Surface mount design
- Floating armature assembly
- Special alloy steel shear tabs
- Auto-sensing dual voltage
- Door alignment relock sensor
- Adjustable lateral and vertical alignment
- Noise dampeners



### OPTIONAL FEATURES

- Door position status (DPS)
- Bond alert status (BAS)
- Visual status indicator (LED)\*

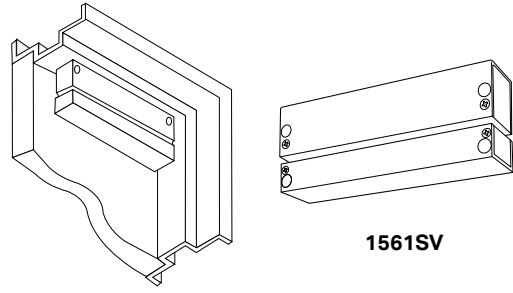
\* Mounts separately through the frame and may be used to indicate lock is energized or wired to monitoring contacts.



## APPLICATIONS

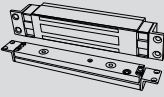
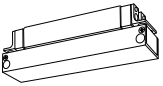
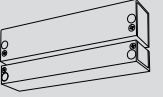
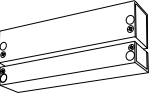
### PUSH SIDE OF AN OUTSWING DOOR

For metal door and frame, glass door with top rail and metal frame, or wood door and frame.



**1561SV**

## CROSS REFERENCE

Series	1560	1562SC	1561S	1561TJ
				
<b>Type</b>	Concealed	Semi-Concealed	Surface	Surface Top Jamb
<b>Integrated Electronics</b>	1561 1565	-----	1561S	1561TJ
<b>External Electronics</b>	1562 1566	1562SC 1562SCHDB 1562SCHDB3/4	-----	-----
	<a href="#">CLICK TO VIEW</a>	<a href="#">CLICK TO VIEW</a>		<a href="#">CLICK TO VIEW</a>



## SPECIFICATIONS

### 1561S

<b>Housing</b>	Aluminum
<b>Mount</b>	Surface
<b>Holding Force</b>	2,000 lbs
<b>Dimensions</b>	8" x 1¾" x 1¾" Lock 8" x 1¾" x 1" Armature
<b>Weight</b>	5 lbs
<b>Input</b>	12/24 VDC ± 10% Auto-sensing
<b>Current Draw</b>	350 mA @ 24 VDC 650 mA @ 12 VDC
<b>Monitoring Contacts</b>	SPDT 250 mA @ 30 VDC Resistive



## CERTIFICATIONS

UL 10C Positive Pressure Fire Tests of Door Assemblies  
 ULC-S104 Standard Method for Fire Tests of Door Assemblies  
 ULC-S533 Egress Door Securing and Releasing Devices

Uniform Building Code Standard 7-2 Fire Test of Door Assemblies (1997)



## HOW TO ORDER

### FOLLOW STEPS FOR ORDERING

Designates optional step

#### 1| SPECIFY MODEL

**1561S** Surface Shear Lock, Integrated Electronics, 2000lbs

#### 2| SPECIFY FINISH

- V** 628 Dull Aluminum
- Y** 335 Dull Black
- C** 605 Bright Brass
- X** 710 Dark Bronze
- Q** 626 Dull Chrome
- P** 625 Bright Chrome

#### 3| SPECIFY OPTIONS

- D** Door Position Status (DPS)
- B** Bond Alert Status (BAS)
- L\*** Visual Status Indicator (LED)

\* Mounts separately through the frame and may be used to indicate lock is energized or wired to monitoring contacts.

STEP NUMBER:	1	2	3
ORDERING EXAMPLE:	<b>1561S</b>	<b>V</b>	<b>DB</b>