



## MSB550 Mechanical Switch Bar

### Non-Latching Push Bar For

- **Magnetic Lock Release**
- **Delayed Egress Trigger**
- **Access Control Request-to-Exit**
- **Alarm Shunt**
- **CCTV or Alarm Activation**

Building codes essentially state that egress through access controlled doors must not require prior knowledge of operational requirements. Meeting this criteria, SDC's MSB550 is designed to release electromagnetic door locks for uninhibited egress. When slight pressure is applied a microswitch is actuated, immediately releasing the electromagnetic door lock.

The MSB550 is an economical alternative to sensor activated bars.

### Only 1/8" Total Bar Movement

The MSB550 has a maximum movement of only .125" (3.2 mm). Trigger activation to release the electromagnetic lock is quick and quiet.

### Heavy Duty Construction

The MSB550 utilizes heavy-duty aluminum extrusion and rugged end caps. The mounting assembly is all metal. The rigid construction prevents any malfunction due to sagging or warped doors or tweaked-glass door stiles.



**Listed 4J82**  
Access Control Systems Unit  
Burglary Resistant Electronic  
Locking Mechanism



Made in  
the USA



**CSFM Listed**  
Exit Door Accessories



UL Listed  
Burglary Resistant

### Narrow Low Profile

The MSB550 has a narrow profile with minimum projection from the door of only 1.875" (47 mm). The unobtrusive design is ideally suited for aesthetically superior glass openings.

### Ordering Information

#### Standard Length for 36" Door

- MSB550C** 605 Polished Brass  
**MSB550S** 629 Polished Stainless Steel  
**MSB550U** 630 Brushed Stainless Steel  
**MSB550V** 628 Aluminum Anodized  
**MSB550X** 313 Dark Bronze Anodized  
**MSB550Y** 335 Black Anodized

### Options

#### Contacts

- 2** Two SPDT 5 Amp Contacts

#### Bars for Wide Doors

- 42** For 42" (1,067 mm) wide doors  
**48** For 48" (1,219 mm) wide doors  
Bars may be field cut

### Options (Continued)

**500GL** Glass Mounting Kit for full glass and Herculite doors with stiles. Kit includes adhesive and (2) mounting blocks. (See reverse for details)

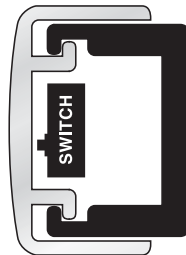
**500SK** Shim Kit used to raise bar from door surface. Recommended for wood or hollow metal doors.

### How to Specify Options

#### Examples

**MSB550V x 500GL**  
**MSB550V-2**  
**MSB550V48**

Only 1/8" movement for  
quick, quiet operation  
1/8" →



← 1 7/8" →

The smallest profile in the  
industry to provide ample  
clearance for egress and  
maintain superior aesthetics  
of high profile openings.

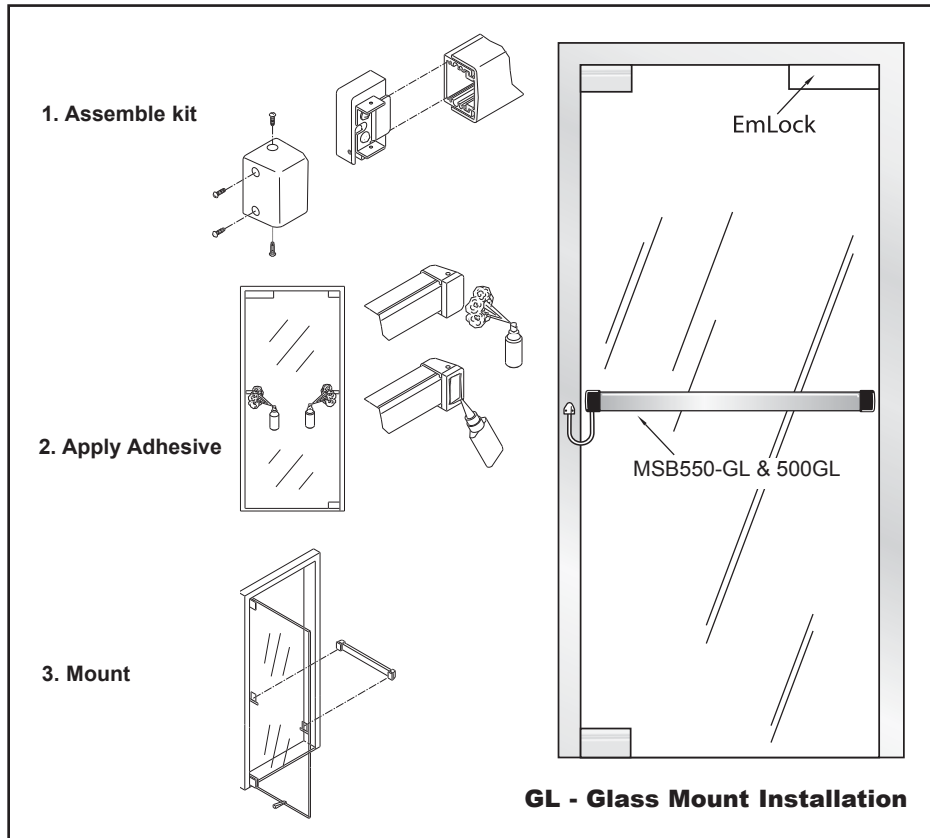
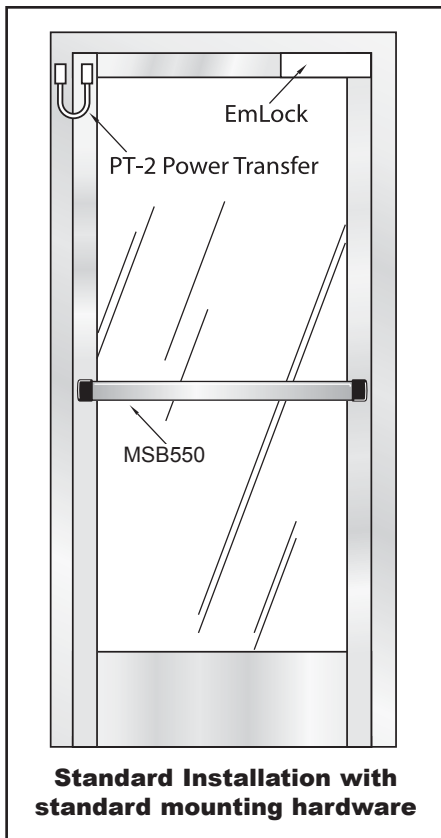
**SECURITY DOOR CONTROLS**

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ISO 9001:2000  
FM 52705



#### Electrical Specifications

##### Contacts

**Standard:** SPDT, 5 Amp @ 30VDC

**Optional:** Two, SPDT, 5 Amp @ 30VDC

#### Mechanical Specifications

**Height:** 2.375" (60.3 mm)

**Projection (Depth):** 1.875" (47.6 mm)

**Door Width:** 36" (914 mm) Standard

42" (1,067 mm)

48" (1,219 mm)

*Bars may be field cut*

#### Power Transfer Accessories

Ordered separately for MSB550. The stainless Steel Flex Conduit enables wiring from the door to the frame.

**PT-2U** Stainless Steel

**PT-2B** Brown/Black

**PT-3V** Stainless Steel with surface aluminum wire junction



PT2



PT3