MSB550 Mechanical Switch Bar



UL Listed
Burglary Resistant

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 MSB5500 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

CSFM Listed
Exit Door Accessories

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.

Model

Standard Length for 36" Door
PT-2U Power Transfer included

MSB550V 628 Aluminum Anodized
MSB550Y 335 Black Anodized
MSB550S 629 Polished Stainless Steel
MSB550U 630 Brushed Stainless Steel

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)

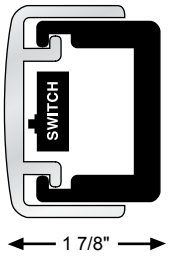
500GL Glass Mounting Kit for full glass and Herculite doors with stiles. Kit includes adhesive and (2) mounting blocks. (See reverse for details)

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

How to Specify Options

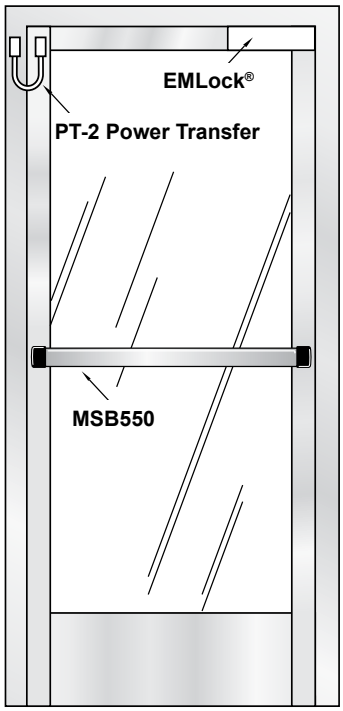
Examples
MSB550V x 500GL
MSB550V-2
MSB550V48

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

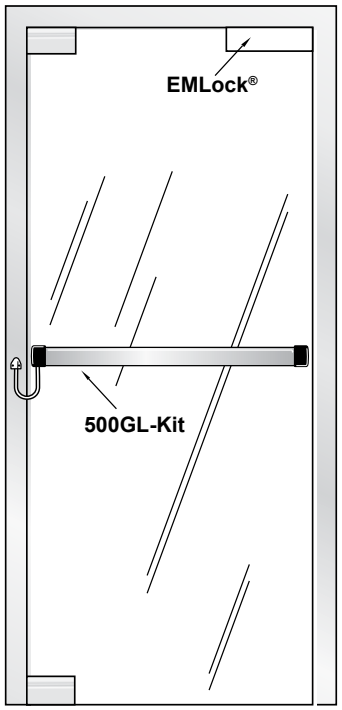


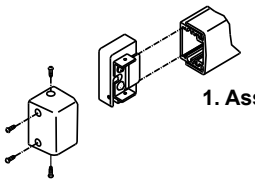
The smallest profile in the industry to provide ample clearance for egress and maintain superior aesthetics of high profile openings.

Standard Installation with Standard Mounting Hardware

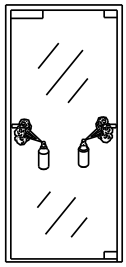


GL - Glass Mount Installation

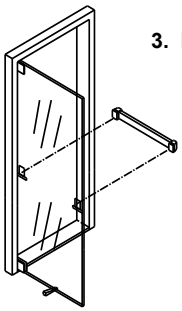




1. Assemble kit



2. Apply adhesive



3. Mount

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

The stainless Steel Flex Conduit enables wiring from the door to the frame.

PT-2U Stainless Steel, included with bar
PT-3V Stainless Steel with surface aluminum wire junction



PT-2U



PT3

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