



NON-LATCHING SWITCH BAR

# 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, IDC's MSB550 is designed to release electromagnetic door locks 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



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.

### Model

- Standard Length for 36" Door  
PT-2U Power Transfer included
- MSB550V 628 Aluminum Anodized
- MSB550Y 335 Black Anodized
- MSB550C 605 Polished Brass
- 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)

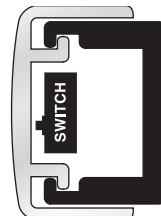
500GL Glass Mounting Kit for full glass and Herculite doors with stiles. Kit includes adhesive and (2) mounting blocks. (See reverse for details)

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" →



← 1 7/8" →

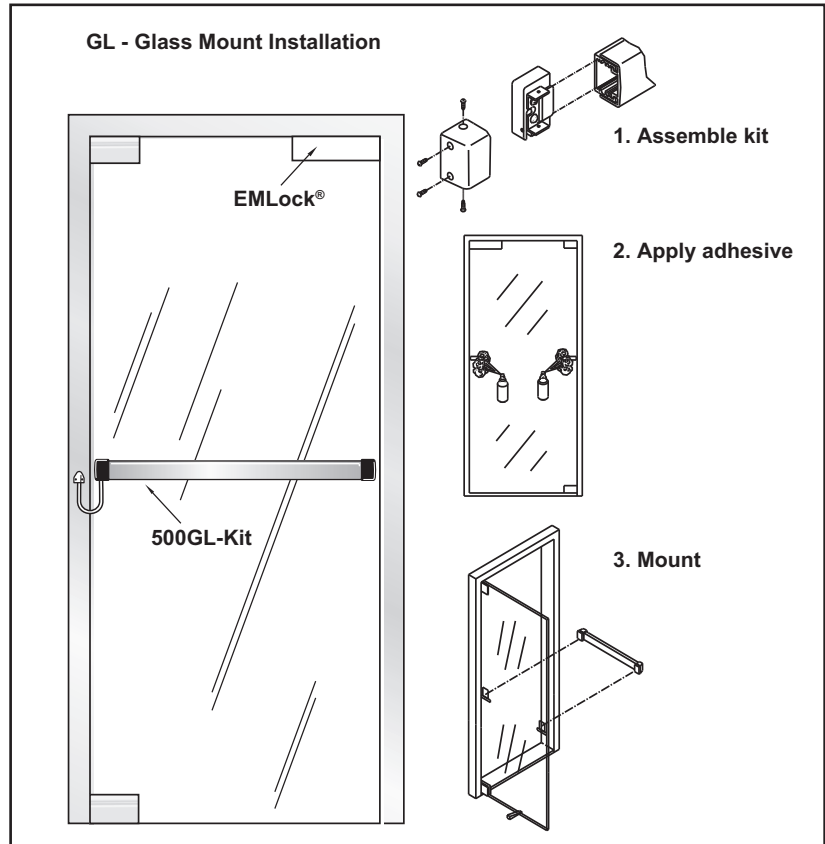
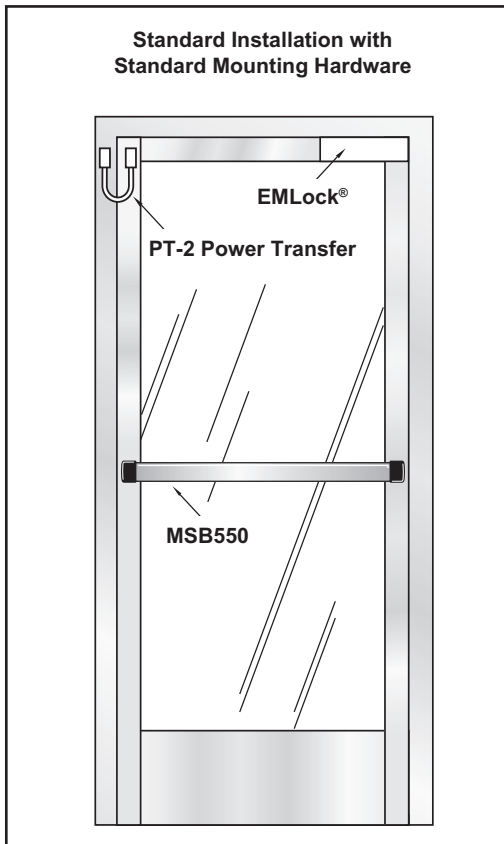
The smallest profile in the industry to provide ample clearance for egress and maintain superior aesthetics of high profile openings.

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## Electrical Specifications

### Contacts

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

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

## 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



PT-3

## 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*