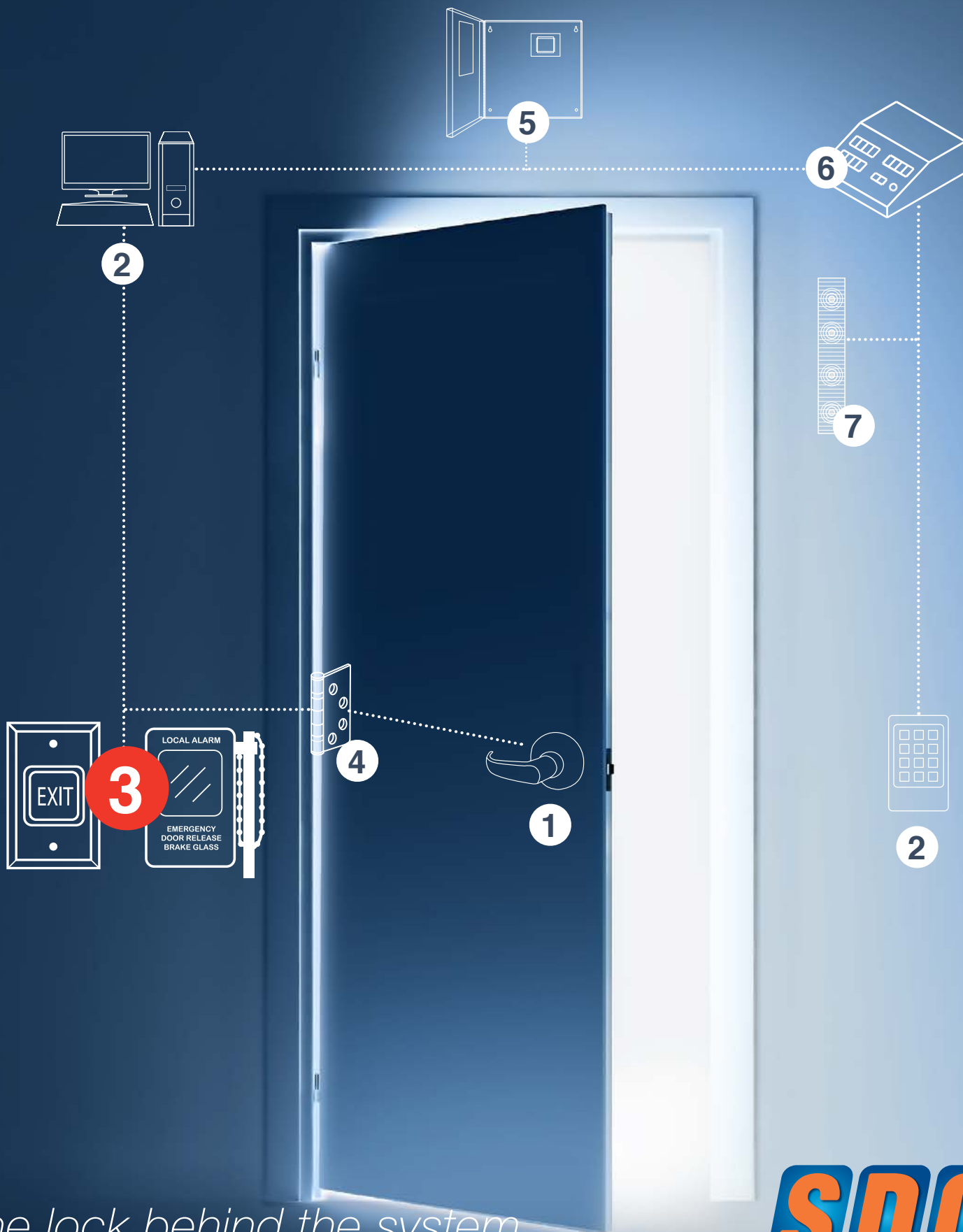


ACCESS & EGRESS SOLUTIONS

EGRESS CONTROL

3.1 Egress Bars | Key & Exit Switches



The lock behind the system

SDCSecurity.com

800.413.8783

service@sdsecurity.com

SDC
Security Door Controls

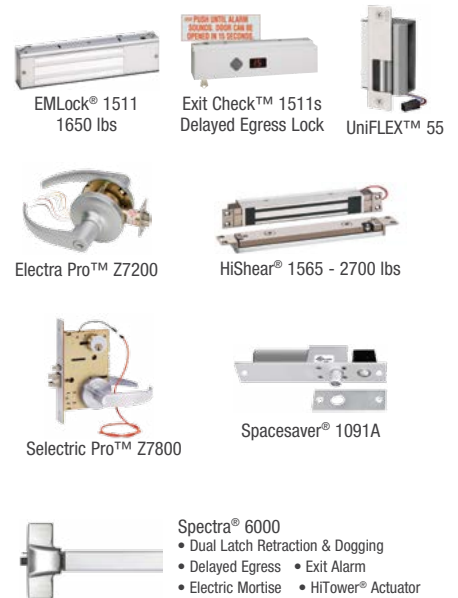
Complete Component Considerations

Standalone



1 Locking Device

- Electric Strike
- Delayed Egress Lock
- Electric Bolt Lock
- Electrified Lockset
- Exit Device
- Frame Actuator Lockset
- Magnetic Lock



2 Access Control

Standalone or Network

- Keyswitch
- Digital Keypad
- Card Reader



3 Egress Device

- Exit Switch
- PIR Egress Sensor
- Exit Sense Bar
- Emergency Door Release
- ADA Compliant Solutions

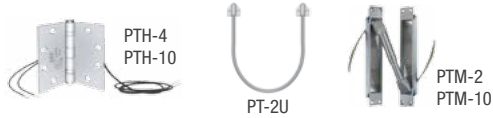




4 Power Transfer Devices

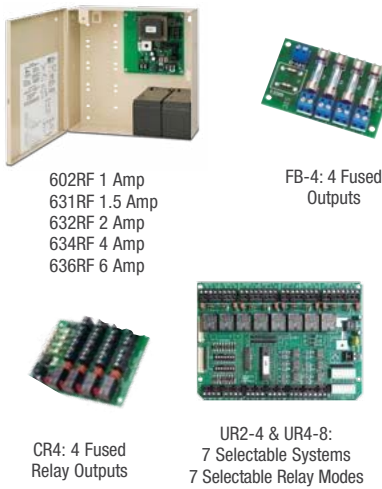
Required With Locksets & Exit Devices

- Electric Power Hinge
- Power Transfer Loop
- Concealed Power Transfer



5 Power Supply & Door Controller

- 12/24VDC, Class 2
- Fire release input
- System Status LED's
- Multiple Fused Outputs
- Multiple Relay Configurations
- Universal Programmable Controllers



6 Remote Controls

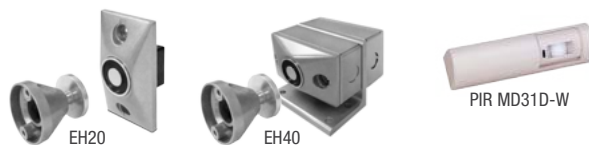


7 Annunciators



8 Accessories & Misc

- Magnetic Door Holder Release Device



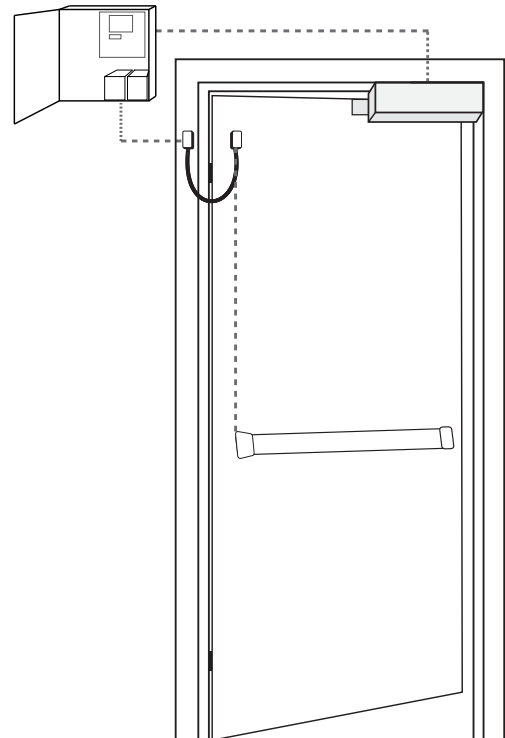


Egress Bars & Exit Device Switch Kits

SDC's innovative exit bars, devices and switches all comply with building safety codes by allowing exit through an access controlled opening without prior knowledge of how to unlock the door. From glass doors to gates, from interior to exterior, to wireless or hardwired, and ADA or emergency, there's an SDC Egress solution that provides safe and reliable security for any environment.

For the release of magnetic locks and the activation of delayed egress locks installed on non-latching doors.

Request-to-exit push bars provide uninhibited egress through access controlled openings equipped with magnetic locks, while eliminating the need for prior knowledge of egress operation and enabling egress with a single natural motion. The use of request to exit push bars may eliminate the need for wall mounted exit switches that required prior knowledge and a manual secondary action to unlock the door.



Sure Exit® PSB560 Egress Bar

Pressure Sense Bar



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 PSB560 Sure Exit® Pressure Sense Bar is 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. **Now features Metal Endcaps.**

FEATURES

- **Tri-Failsafe.** 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 Sure Exit® is the only tri-failsafe exit bar providing unequalled safety and reliability.
- **No Moving Parts, Quick and Quiet Operation.** With no moving parts the pressure sense technology does not suffer wear and provides quick and quiet operation.
- **Temperature Tolerant.** Pressure sense technology operates from 0° to 150°F and tolerates sudden and extreme temperature changes.
- **Human Touch Not Required.** 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.
- **Sensor Calibration Not Required.** Stable pressure sense technology does not require adjustment or tune-in. When desired, pressure sensitivity can be increased up to 15 lbs to inhibit tampering for high security applications.
- **Heavy Duty Construction.** The SDC PSB560 uses heavy duty aluminum extrusion and rugged end 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.

- **Narrow, Low Profile.** The Sure Exit® has a narrow profile with minimum projection from the door of only 1.875". The unobtrusive design is ideally suited for aesthetically superior glass openings.
- **Two Outputs.** Two dry contacts for lock release, request-to-exit, alarm shunt, alarm activation or CCTV activation.
- **Armored Power Loop.** 18" flex stainless conduit included. The PT-2 enables wiring from the door to the frame.
- **10Ft, 8 conductor cable** included.
- **Easy Installation and 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.

MODELS

 PSB560V	628 Aluminum Anodized
 PSB560Y	335 Black Anodized
PSB560S	629 Bight Stainless Steel
PSB560U	630 Brushed Stainless Steel



CSFM Listed
Exit Door Accessories
3625-0324:105



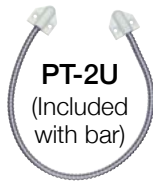
HOW TO ORDER

1| SPECIFY MODEL & FINISH

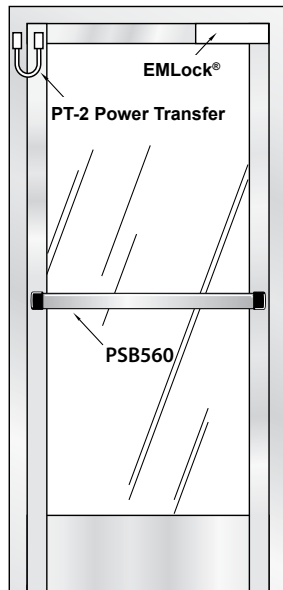
PSB560V	628 Aluminum Anodized
PSB560Y	335 Black Anodized
PSB560S	629 Bight Stainless Steel
PSB560U	630 Brushed Stainless Steel

2| SPECIFY DOOR WIDTH

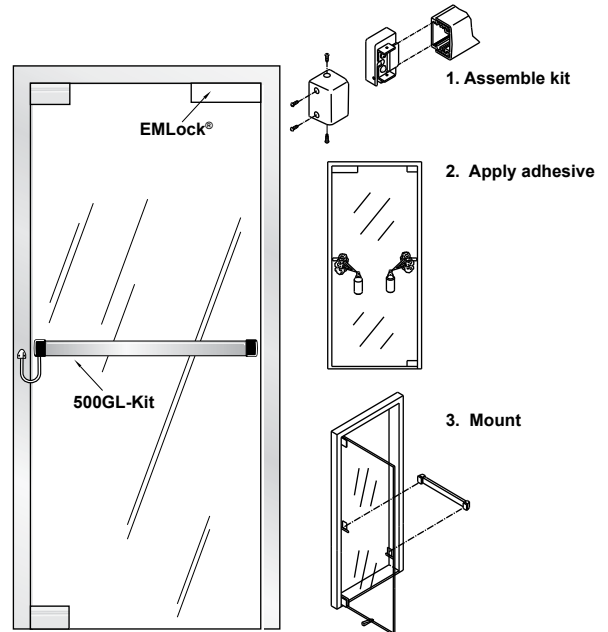
- 42** For 42" Door (May be field cut)
- 48** For 48" Door (May be field cut)



Standard Installation with Standard Mounting Hardware



GL - Glass Mount Installation



SPECIFICATIONS

Actuation	Pressure Sense Technology; Tri-Failsafe
Voltage	12/24VDC Voltage Sensing Input
Input Current	20mA at Rest, 115 mA Active
Lock Output	SPDT, 3 Amp @ 30VDC
Alarm Shunt/Status Output	SPDT, 3 Amp @ 30VDC
Operating Temp	0° to 150° F
Height	2.375"
Projection (Depth)	1.875"
Door Width	36" (Standard), 42", 48" Bars May be Field Cut
Weight	6.5 lbs
Activation Force	
Factory Set	5 lbs.
Field Adjustable	Up to 15 lbs Max.

ACCESSORIES

500GL-KIT	One Glass Door Mounting Kit with Adhesive for Eight to Ten Bars
500GL-MB	One Glass Door Mounting Kit without Adhesive
500-SK	Shim Kit Used to Raise Bar from Door. Recommended for Wood or Hollow Metal Doors with Uneven Mounting Surface

POWER TRANSFER

PT-3V	Stainless Steel Armored Loop with Aluminum Surface Wire Junction Box
--------------	--



MSB550 Egress Bar

Mechanical Switch Bar



UL Listed
Burglary Resistant

4J82
Access Control Systems Unit
Burglary Resistant Electronic
Locking Mechanism

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. **Now features Metal Endcaps.**

FEATURES

- **Only 1/8" Total Bar Movement.** The MSB550 has a maximum movement of only .125". 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.
- **Narrow Low Profile.** The MSB550 has a narrow profile with minimum projection from the door of only 1.875". The unobtrusive design is ideally suited for aesthetically superior glass openings.



MODELS



MSB550V

628 Aluminum Anodized



MSB550Y

335 Black Anodized

MSB550S

629 Bight Stainless Steel

MSB550U

630 Brushed Stainless Steel

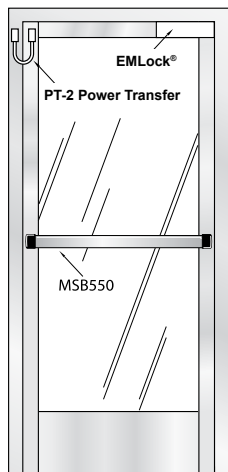




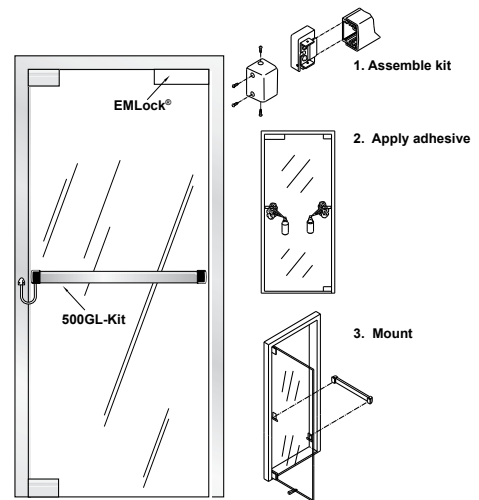
SPECIFICATIONS

Actuation	1/8" Total Bar Movement for Mechanical Switch Actuation
Contact	SPDT, 5 Amp @ 30VDC (2nd switch optional)
Height	2.375"
Projection (Depth)	1.875"
Door Width	36" (Standard), 42", 48" Bars May be Field Cut
Accessories Include	PT-2U Power Transfer Loop
Weight	6.5 lbs

Standard Installation with Standard Mounting Hardware



GL - Glass Mount Installation



PRODUCT SKU SAMPLE: **MSB550- 2 V 48**



HOW TO ORDER

1| SPECIFY MODEL & FINISH

- MSB550V** 628 Aluminum Anodized
- MSB550Y** 335 Black Anodized
- MSB550S** 629 Bight Stainless Steel
- MSB550U** 630 Brushed Stainless Steel

2 SPDT CONTACTS

Add "2" for 2nd Mechanical switch for dual-failsafe redundant operation; alarm shunt; or monitoring output.

2| SPECIFY DOOR WIDTH

- 42** For 42" Door (May be field cut)
- 48** For 48" Door (May be field cut)



ACCESSORIES

500GL-KIT One Glass Door Mounting Kit with Adhesive for Eight to Ten Bars

500GL-MB One Glass Door Mounting Kit without Adhesive

Shim Kit Used to Raise Bar from Door.

500-SK Recommended for Wood or Hollow Metal Doors with Uneven Mounting Surface

POWER TRANSFER

PT-2V Stainless Steel, Included with Bar

PT-3V Stainless Steel Armored Loop with Aluminum Surface Wire Junction Box



MSB550W

Outdoor Weather Resistance Mechanical Switch Bar





SDC's MSB550W is designed to release electromagnetic door locks for uninhibited egress in outdoor weather exposed applications. When slight pressure is applied a microswitch is actuated, immediately releasing the electromagnetic door lock, making it the perfect Gate Lock companion. The MSB550W is an economical alternative to sensor activated bars. **Now features Metal Endcaps.**

FEATURES

- Water Sealed Switches**
 The MSB550W features a high-quality watertight miniature snap action switch with a monoblock construction, ensuring high sealing capacity. Switch body meets IP67 (IEC 529) requirements.
- Heavy Duty Construction**
 The MSB550W utilizes heavy-duty aluminum extrusion and rugged end caps. The mounting assembly is all metal. The rigid construction prevents any malfunction.
- Only 1/8" Total Bar Movement**
 The MSB550W has a maximum movement of only .125". Trigger activation to release the electromagnetic lock is quick and quiet.
- Perfect Companion for Gate Lock Solutions**
 The MSB550W's watertight switches makes it a perfect companion for outdoor gate solutions. For additional system components, see next page.

MODELS

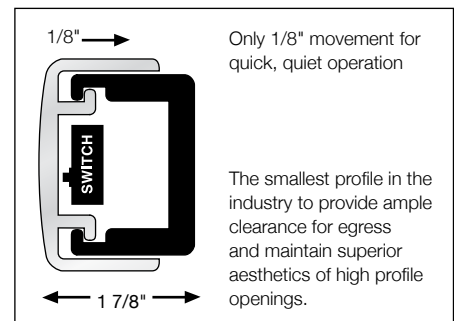
 **MSB550-2VW** 628 Aluminum Anodized

 **MSB550-2YW** 335 Black Anodized

SPECIFICATIONS

Electrical Specifications

Contact	2 SPDT, 3 Amp @ 30VDC (RESISTIVE)
Operating Temperature	-40°F to 185°F
Weight	6.5 lbs



PRODUCT SKU SAMPLE: MSB550-2V 42 W



HOW TO ORDER

1| SPECIFY MODELS

PT-3 Power Transfer included

MSB550-2VW 628 Aluminum Anodized

MSB550-2YW 335 Black Anodized

2| SPECIFY OPTIONS

Standard Length: 36" Door

Bars for Wide Doors:

42 For 42" Wide Door. May be field cut.

48 For 48" Wide Door. May be field cut.



GATE EMLOCK® SOLUTIONS / ACCESSORIES

1 GATE MAGNETIC LOCK

1575U

Gate Magnetic Lock

1576U

Gate Magnetic Lock with face drilled mounting

2 GATE MOUNT BRACKETS

1575BK / 1576-ZBV /

Application Specific Brackets

1576-AB / 1576-BK

3 OUTDOOR ACCESS CONTROL

923

Narrow Stand Alone Digital Keypad

4 Request-To-Exit

48201U

ADA approved Narrow Mullion Push Plate Switch

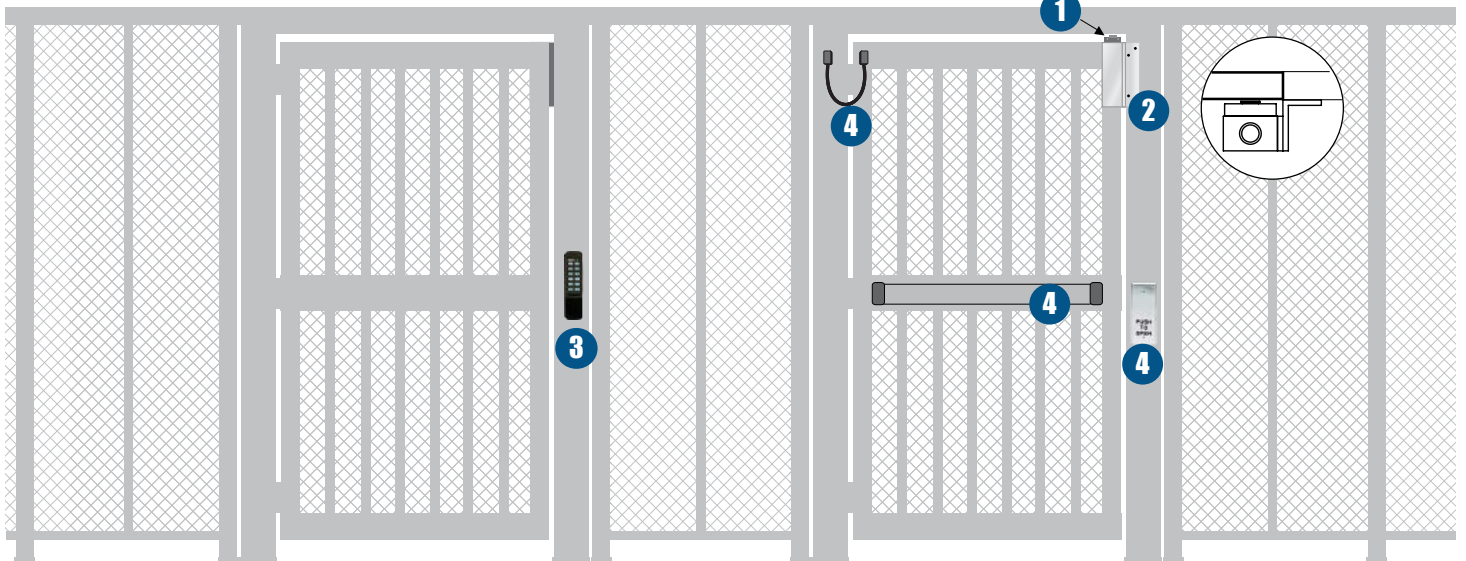
MSB550W

Outdoor Weather Resistance Mechanical Switch Bar

1575 Gate EMLock® Solutions

Outside

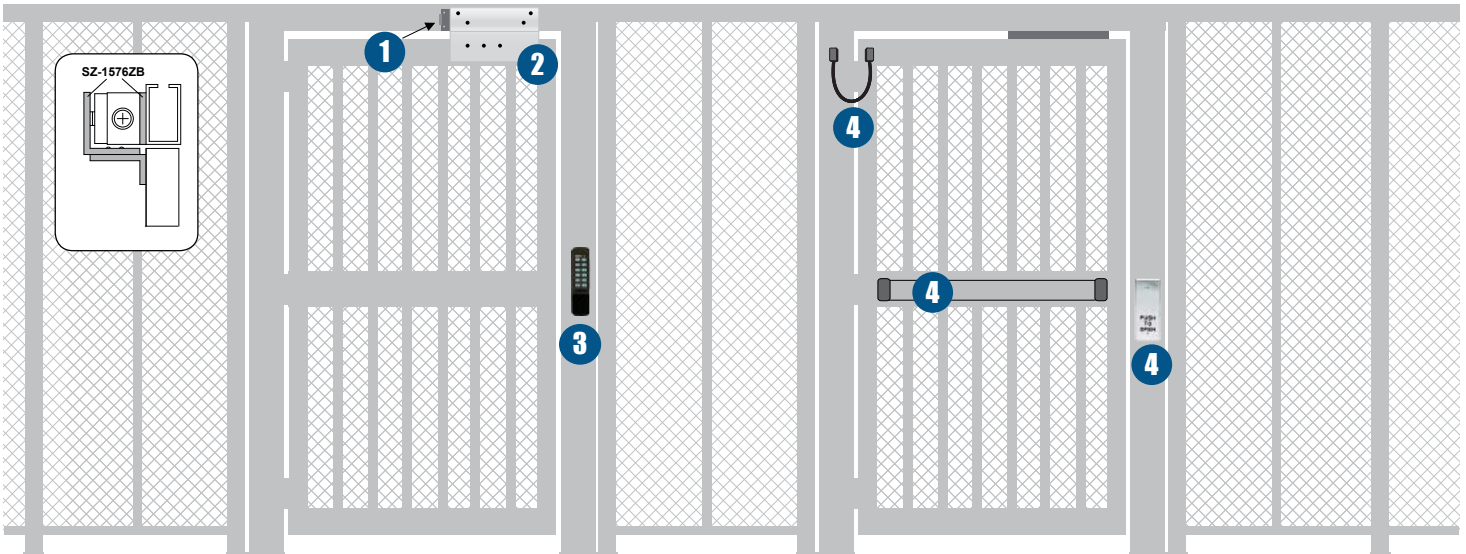
Inside



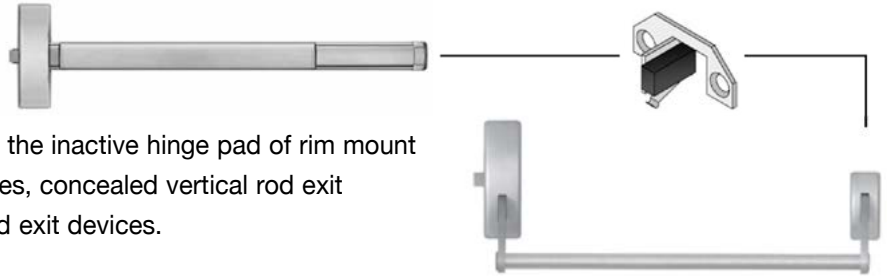
1576 Gate EMLock® Solutions

Outside

Inside



Exit Device Switch Kits








Switch kits are field installed in the inactive hinge pad of rim mount exit devices, mortise exit devices, concealed vertical rod exit devices and surface vertical rod exit devices.

FEATURES

- Include a SPDT Switch Assembly with Wire Leads
- Electromagnetic Lock Release
- Request-to-Exit
- Alarm Shunt or Alarm Activation

MODELS

510	Von Duprin 33, 35, 98, 99	525	Monarch 18 and 19
510-2	Von Duprin 33, 35, 98, 99 DPDT	525-2	Monarch 18 and 19
 511	Von Duprin 55	526	Corbin ED8200
 512	Von Duprin 88	 527	Sargent 80, Arrow S3800/S120
 514	Dor-O-Matic 990, 1090, 1990, 2090	527-2	Sargent 80 DPDT
515	Sargent 9300, 9400, 9500	528	Sargent 20/60 and Yale 2100
516	Sargent 9600, 9700, 9800, 9900	 531	Yale 7000 (Dogging mechanism required) Corbin 4000/5000
517	Adams Rite 8300, 8400, 8700, 8800	535	Kawneer Mid Panel Line Dor-O-Matic 1390
518	Precision Series 1100	536	Jackson 1295
518A	Precision Apex Series (2100 - 2800)	539	Cal Royal 9800 Series
519	Jackson 1095	542	Hager 4700
519-2	Jackson 1095 DPDT	590	Dor-O-Matic 1690
520	Corbin 3000		
521	Corbin 7000		

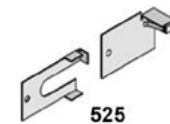
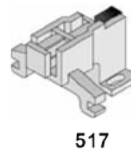
NOTE: Consult factory for Exit Device Switch Kits not shown. Modification of any kind to a UL Listed device may void UL Listing.

SPECIFICATIONS

Switch Contact SPDT, 5 Amp @ 30VDC

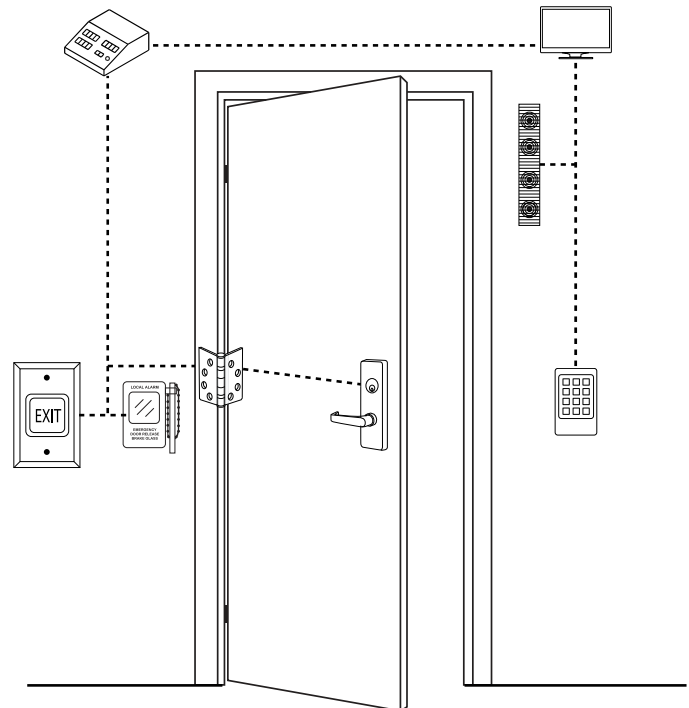
APPLICATION

- Activation of Delayed Egress Locks
- Electromagnetic Lock Release
- Request-to-Exit
- Alarm Shunt or Alarm Activation



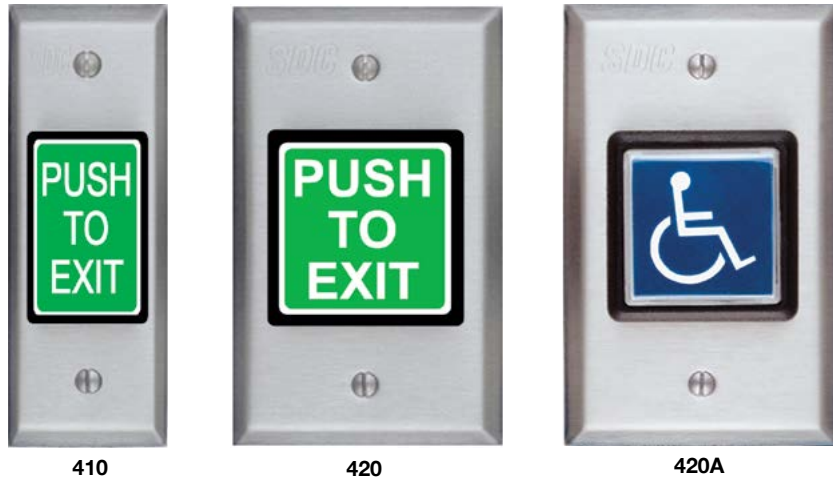
Key & Exit Switches

SDC Request-to-Exit Switch series is available in a variety of exit button and push button styles and contact configurations to fit several application needs. SDC key switch assemblies provide an economical method of providing authorized control for a variety of applications. A choice of several contact configurations ensures compatibility with virtually any system.



410 & 420 Series Exit Switches

The illuminated switch button is two inches square for easy activation and is visually conspicuous. The high impact resistant material stands up to abuse. The “PUSH to EXIT” sign complies with NFPA requirements. The 422A is designed for access and egress applications for the ADA applications.



FEATURES

- Green or Red or ADA Blue Illuminated Switch Button
- Dull Stainless Steel Finish
- Push-to-Exit or Handicap Sign
- Green and Red Lens Included



SPECIFICATIONS

Switch Contact	SPDT/DPDT, 5 Amp @ 30VDC Resistive
Timer Contacts	DPDT 2 Amp @ 12/24VDC
Wire Leads	6", 20 Gauge
1 Gang	2 7/8" x 4 1/2" x 20 Ga.
Narrow	1 3/4" x 4 1/2" x 20 Ga.
Weight	0.4 lbs



MODELS

410 NARROW SERIES 1-3/4" X 1" EXIT SWITCH

412N	Momentary SPDT	PUSH TO EXIT
413N	Integrated Electronic Timer, adj. 1-60 sec, 12/24VDC, 2A DPDT Contact	PUSH TO EXIT
413PN	Integrated Pneumatic Timer, adj. 1-180 Sec. 12/24VDC, DPST 3 Amp Contact, Screw Terminals	PUSH TO EXIT
414N	Momentary DPDT	PUSH TO EXIT
415N	AA (On/Off) DPDT	NONE

420 1 GANG SERIES 2" EXIT SWITCH

422	Momentary SPDT	PUSH TO EXIT
422A	Momentary SPDT, ADA Blue	SYMBOL
423	Integrated Electronic Timer, adj. 1-60 sec, 12/24VDC, 2A DPDT Contact	PUSH TO EXIT
423P	Integrated Pneumatic Timer, adj. 1-180 sec, 12/24VDC, DPST 3 Amp Contact, Screw Terminals	PUSH TO EXIT
423A	Integrated Electronic Timer, adj. 1-60 sec, 12/24VDC, 2A DPDT Contact, ADA Blue Illuminated	SYMBOL
424	Momentary DPDT	PUSH TO EXIT
425	AA (On/Off) DPDT	NONE





 **HOW TO ORDER**

1| SPECIFY MODEL

410 NARROW SERIES 1-3/4" X 1" EXIT SWITCH

412N	Momentary SPDT	PUSH TO EXIT
413N	Integrated Electronic Timer, adj. 1-60 sec, 12/24VDC, 2A DPDT Contact	PUSH TO EXIT
413PN	Integrated Pneumatic Timer, adj. 1-180 sec, 12/24VDC, DPST 3 Amp Contact, Screw Terminals	PUSH TO EXIT
414N	Momentary DPDT	PUSH TO EXIT
415N	AA (On/Off) DPDT	NONE

420 1 GANG SERIES 2" EXIT SWITCH

422	Momentary SPDT	PUSH TO EXIT
422A	Momentary SPDT, ADA Blue	 SYMBOL
423	Integrated Electronic Timer, adj. 1-60 sec, 12/24VDC, 2A DPDT Contact	PUSH TO EXIT
423P	Integrated Pneumatic Timer, adj. 1-180 sec, 12/24VDC, DPST 3 Amp Contact, Screw Terminals	PUSH TO EXIT
423A	Integrated Electronic Timer, adj. 1-60 sec, 12/24VDC, 2A DPDT Contact, ADA Blue Illuminated	 SYMBOL
424	Momentary DPDT	PUSH TO EXIT
425	AA (On/Off) DPDT	NONE

2| SPECIFY FINISHES

U 630 Stainless Steel - STANDARD	D 606 Dull Brass
C 605 Bright Brass	P 625 Bright Chrome
H 613 Oil Rubbed Bronze	

3| SPECIFY LED OPTIONS

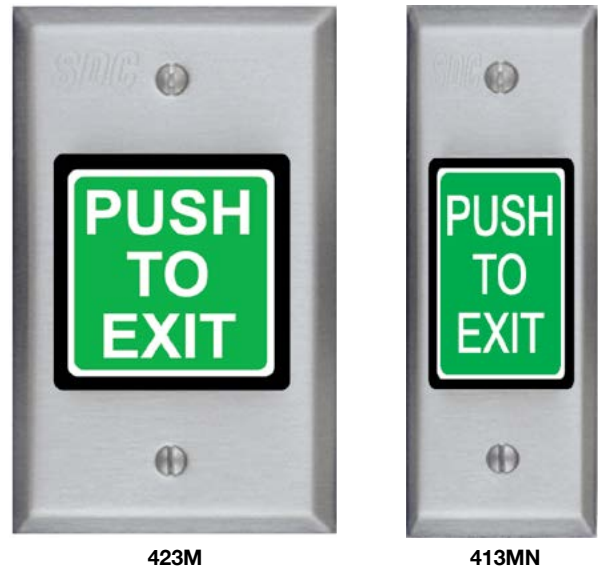
L1G 1 Green LED	LT Tri-color LED - Red, Green, Amber
L1R 1 Red LED	L2 1 Red,1 Green LED

413MN and 423M Exit Switches

Code Compliant Manual Release

Code Compliant Manual Releasing Devices and Sensors
423M and 413MN exit switches used together with the MD31D PIR sensor comply with manual releasing device and sensor device requirements for **Access-Controlled Egress Doors** per the following codes:

- IBC International Code 1008.1.3.4
- IFC International Fire Code 1008.1.3.4
- NFPA 101 Life Safety Code 7.2.1.6.2
- NFPA 1.15.5.3.2
- BOCA National Building Code 1017.4.5
- SBCCI Standard Building Code 1012.7



FEATURES

- Fixed 30 Sec. Timer, Re-Triggerable
- Failsafe-Lock Releases when Power to Switch is Interrupted
- Green Illuminated Switch Button
- Push-to-Exit Sign
- CSFM Listed

SPECIFICATIONS

Timer Contacts	DPDT 2 Amp @ 12/24VDC
Wire Leads	6", 20 Gauge
1 Gang	2 7/8" x 4 1/2" x 20 Ga.
Narrow	1 3/4" x 4 1/2" x 20 Ga.
Weight	0.4 lbs

PRODUCT SKU SAMPLE: 413MN U LT

HOW TO ORDER

1| SPECIFY MODEL

413MN	Narrow, Integrated Electronic Timer, Fixed 30 Sec. Timer, 1 3/4"x1" Green Illuminated Button	PUSH TO EXIT
423M	1 Gang, Integrated Electronic Timer, Fixed 30 Sec. Timer, 2" Green Illuminated Button	PUSH TO EXIT

2| SPECIFY FINISHES

U 630 Stainless Steel - STANDARD	D 606 Dull Brass
C 605 Bright Brass	P 625 Bright Chrome
H 613 Oil Rubbed Bronze	

3| SPECIFY LED OPTIONS

L1G 1 Green LED	LT Tri-color LED - Red, Green, Amber
L1R 1 Red LED	
L2 1 Red, 1 Green LED	



430 Series Mushroom Exit Switches

The SDC 430 Heavy Duty Industrial Series incorporates a 1 1/2" round mushroom button with heavy duty contacts. The assembly is capable of withstanding high impact and is ideal for heavy duty high frequency use.



The SDC 432KLDUR and 432KUR latches when depressed and must be reset with the built-in-key. Applications include alarm, panic alarm and emergency door release where systems are restored by authorized personnel only. Red Button Standard



FEATURES

- 1.5" Mushroom Exit Switches
- Heavy Duty to Withstand Impact
- Water Resistant Contacts
- Ideal for High Frequency Use
- Green Button standard - Specify R for Red Button

SPECIFICATIONS

Contact	6 Amp @ 30VDC Resistive
Wire Connection	Screw Terminals
1 Gang	2 7/8" x 4 1/2" x 20 Ga.
Narrow	1 3/4" x 4 1/2" x 20 Ga.
2 Gang	4 1/2" x 4 1/2" x 20 Ga.
Weight	0.5 lbs



430



430N

MODELS

NARROW

431CN	AA (On/Off) NC SPST	None
431ON	AA (On/Off) NO SPST	None
432CN	Momentary NC SPST	EXIT
432ON	Momentary NO SPST	EXIT
432KNUR	Latching/ key reset DPST	RED/None
434N	Momentary DPST	EXIT
435N	AA (On/Off) DPST	None

1 GANG

431C	AA (On/Off) NC SPST	None
431O	AA (On/Off) NO SPST	None
432C	Momentary NC SPST	EXIT
432O	Momentary NO SPST	EXIT
432KLDUR	Latching/ key reset DPST	RED/ LOCKDOWN



432KUR	Latching/ key reset DPST	RED/None
434	Momentary DPST	EXIT
435	AA (On/Off) DPST	None

2 GANG

433	Momentary with Electronic Timer Module, Adj. 1-60 Seconds. 12/24V AC/DC, SPDT 2A Contact	EXIT
------------	--	------





HOW TO ORDER

1| SPECIFY MODELS

NARROW

431CN	AA (On/Off) NC SPST	None
431ON	AA (On/Off) NO SPST	None
432CN	Momentary NC SPST	EXIT
432ON	Momentary NO SPST	EXIT
434N	Momentary DPST	EXIT
435N	AA (On/Off) DPST	None

1 GANG

431C	AA (On/Off) NC SPST	None
431O	AA (On/Off) NO SPST	None
432C	Momentary NC SPST	EXIT
432O	Momentary NO SPST	EXIT
434	Momentary DPST	EXIT
435	AA (On/Off) DPST	None

2 GANG

433	Momentary with Electronic Timer Module, Adj. 1-60 Seconds. 12/24V AC/DC, SPDT 2A Contact	EXIT
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2| SPECIFY FINISHES

U 630 Stainless Steel - STANDARD	
C 605 Bright Brass	D 606 Dull Brass
H 613 Oil Rubbed Bronze	P 625 Bright Chrome

3| SPECIFY LED OPTIONS

L1G 1 Green LED	LT Tri-color LED - Red, Green, Amber
L1R 1 Red LED	
L2 1 Red, 1 Green LED	R Red Button in lieu of green

LATCHING MODELS

NARROW

432KNUR	Narrow	RED/
	Latching/ key reset DPST	None
Stainless Steele Finish Standard - contact factory for special finish		

1 GANG

432KLDUR	1 Gang	RED/
	Latching/ key reset DPST	LOCKDOWN
432KUR	1 Gang	RED/
	Latching/ key reset DPST	None
Stainless Steele Finish Standard - contact factory for special finish		

440 Heavy Duty Series Exit Switches

The conspicuous 440 Heavy Duty Industrial Series switch assemblies incorporates a 2 5/8" inch diameter mushroom button and heavy duty weather resistant contacts. The large 2 gang mushroom assembly includes a heavy duty steel bezel around the button to guard against abuse. When utilized as an Exit or REX switch, the assembly is easy to activate and stands out for persons without prior knowledge of egress operation.

In addition to egress applications, the large assembly is ideal as an easy to activate Emergency/Panic Alarm Switch.



440



446

FEATURES

- 2-5/8" Mushroom Exit & Panic Switches
- Heavy Duty Steel Bezel to Guard Against Abuse
- Water Resistant Contacts
- Easy to Activate Emergency & Panic Switch
- Dull Stainless Steel Finish
- Red Button Standard
Specify G for Green Button

SPECIFICATIONS

Button	Mushroom, 2 5/8"
Contact	6 Amp @ 30VDC Resistive
Wire Connection	Screw Terminals
1 Gang	2 7/8" x 4 1/2" x 20 Ga.
2 Gang	4 1/2" x 4 1/2" x 20 Ga.
Timer Input	12/24 VDC / VAC @ 50 mA
Timer Trigger Input	N.O. Dry
Timer Contact	SPDT Dry, 2 Amps @ 30VDC
Timer Wire Leads	6", 20 Gauge
Timer Size	3/4" x 1-1/2" x 2-1/4"
Weight	0.5 lbs

MODELS

1 GANG

446U Momentary DPST EXIT

2 GANG

441U AA (On/Off) DPST None

442U Momentary DPST EXIT

443U Momentary with Electronic Timer Module, Adj., 1-60 sec, 12/24V AC/DC, SPDT 2A Contact EXIT

444U Momentary 2-DPST EXIT



450 Vandal Resistant Series Exit Switches

The **SDC 450 Series** incorporates a 1/4" thick aluminum faceplate and an all stainless steel button. The assembly will resist the impact of a hammer blow. In addition, security spanner mounting screws are concealed by tamper resistant aluminum plugs to inhibit tampering.

PNEUMATIC TIME DELAY

The 453P includes a 1 to 180 second pneumatic timer for delayed re-locking. Where preferred, the 10TD Electronic Mini Timer may be specified for use with the standard 452 model.



450



450N

FEATURES

- Stainless Steel Button - 1/4" Thick Aluminum Plate
- Security Screws

SPECIFICATIONS

Button	Round Dull Stainless Steel button, 1/2"
Contact	6 Amp @ 30VDC Resistive
Wire Connection	451/452: 6", 20 Gauge 453P: Screw terminals
1 Gang	2 7/8" x 4 1/2" x 1/4"
Narrow	1 3/4" x 4 1/2" x 1/4"
Weight	0.5 lbs

MODELS

1 GANG

451V AA (On/Off) SPDT



452V Momentary SPDT

453PV Integrated Pneumatic Timer
Adj. 1-180 sec. DPST Contact

NARROW SERIES

451NV AA (On/Off) SPDT



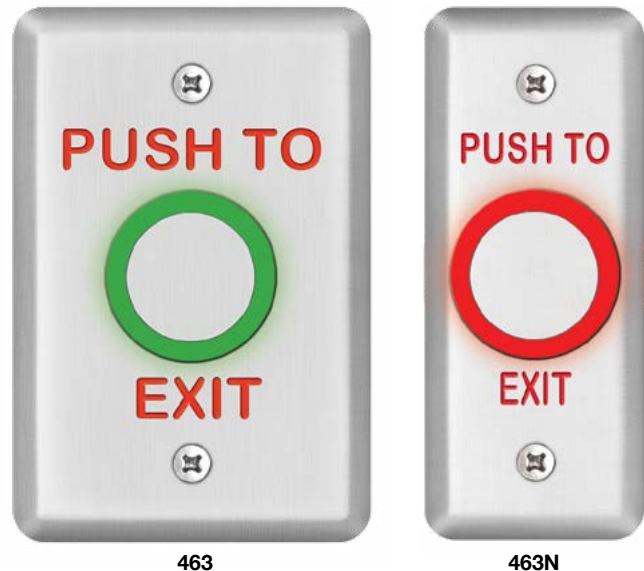
452NV Momentary SPDT

453PNV Integrated Pneumatic Timer
Adj. 1-180 sec. DPST Contact



463 Piezoelectric Series Exit Switch

The **SDC 463U** is a heavy duty vandal resistant exit switch designed for indoor, outdoor, commercial and industrial egress applications. Constructed of stainless steel and utilizing piezoelectric technology, the SDC 463U exit switch is ideal for harsh or high traffic conditions. The weather and vandal resistant design ensures superior performance in virtually any environment.



FEATURES

- Vandal Resistant Stainless Steel Piezoelectric Button
- 2mm Stainless Steel Vandal Resistant Faceplate
- Selectable Bi-Color Illumination Status
- Standby Red - Flashing Green with Relay ON
- Standby Green - Flashing Red with Relay ON
- Adjustable Timer Output, 1-30 sec or Latching

The switch features an integrated output timer that is adjustable for 1 - 30 seconds or toggle on/off and switch selectable illumination status. Brilliant red and vibrant green can be selected to show relay ON or OFF status.

The 463U can be used to control an automatic door, electromechanical lock, strike or magnetic lock. It may also be tied into the remote bypass (request-to-exit) input of an access control system, or used to shunt an alarm system to allow egress from a secure area.

SPECIFICATIONS

Input Voltage	12/24V AC/DC
Current	Idle-30mA, Active-150mA
Output	SPDT Dry Contact, 3 Amp @ 30VDC
Button Switch Life	1 Billion Cycles
Relay Life Expectancy	100,000 cycles @ 3A 30VDC 200,000 cycles @ 1.5A 30VDC
Switch Operating Environment	-40° F to +160° F
Dimensions	Single Gang: 4.75"H x 3"W x 1.125"D Narrow: 4.75"H x 1.75"W x 1.125"D
Weight	0.5 lbs

MODELS

- 463U** 1 Gang, Integrated 1-30 Sec Timer
12/24VDC, SPDT 3A Contact
- 463NU** Narrow, Integrated 1-30 Sec Timer
12/24VDC, SPDT 3A Contact



474U Touchless Series Exit Switch

IR Sensor, 4" read range, Wave to Exit Dual LED, illuminated status indication. Control electric locks/strikes, magnetic locks, or automatic door operators. Entry/exit for sanitary environments including: bathrooms, cleanrooms, hospitals, labs, schools, or offices.



474



474D

FEATURES

- Uses IR Sensor Technology; Device is Active with the Simple Wave of a Hand
- Designed to Control Electric Locks/Strikes, Magnetic Locks, or Automatic Door Operators
- Ideal for Use in Sanitary Applications Such as Cleanrooms, Bathrooms, Food Processing, Hospitals and Labs
- Sensing Range up to 4"
- Mounted on a Durable Stainless Steel Plate
- Dual LED, Illuminated Sensor, Red/Green Indicates Inactive/Active Status
- Quick Connect Screwless Terminal Block for Easy Installation

SPECIFICATIONS

Input	25mA (Standby); 70mA (Active) @ 12/24VDC
Output	DPDT 3 Amp Dry Contact Resistive
Activation Time	5 Second or as Long as Sensor is Triggered
LED Color	Standby RED; Active Green
Faceplate	20 Ga Stainless Steel
Range	4"
Weight	0.4 lbs

MODELS

- 474U** Sanitary Touchless Exit Switch DPDT, 1 Gang faceplate
- 474DU** Sanitary Touchless Exit Switch DPDT, 2 Gang faceplate



700 & 800 Series Key Switches



700
Single Gang



700N
Narrow 1.75" Wide
(with optional LED)



700T
Double Gang
(with optional LEDs and Siren)



800
Single Gang
(with optional LEDs)



800N
Narrow 1.75" Wide

SDC Key Switch Assemblies provide an economical method of providing authorized control for a variety of applications. A choice of several contact configurations ensure compatibility with virtually any system.

FEATURES

- Tamper Resistant, Recessed Cylinder (All Except 700N)
- Tamper Resistant Spanner Screws
- Heavy Duty All Steel Assembly
- Stainless Steel Faceplates of 20 Gauge (700 series) or 0.25" Thickness of Aluminum (800 series)
- Large Actuator for Positive and Consistent Activation
- 6 Amp @ 30 VDC Resistive
- 7", 22 Gauge Wire Leads
- Compatible with 1.0" or 1.375" Mortise Cylinder (not included)

NEW CONSTRUCTION OR RETROFIT

SDC key switch assemblies are compatible with U.S. standard, 1.0" and 1.375" mortise key cylinders and interchangeable core cylinders (not included). Compatibility with a new or existing facility mechanical key system is maintained. Standard switch assemblies are single gang box mounted. Assemblies equipped with narrow faceplates are mounted directly to the door frame.







MODELS

OPERATION

APPLICATIONS

	701 701N 701T	801AL 801ALN	Alternate action SPDT Turning the key left or right actuates and latches the contact. Contact position is maintained until the key is inserted and turned again.	<ul style="list-style-type: none"> • Circuit on - off • Access control bypass • Machine operation
	702 702N 702T	802AL 802ALN	Momentary SPDT Turning the key left or right momentarily actuates the contact	<ul style="list-style-type: none"> • Momentary access • Timer activation • Alarm reset
	704	804AL	Momentary SPDT plus 10TD Electronic Mini Timer SPDT 2Amp @ 30VDC, adjustable 1 - 60 seconds Turning the key left or right activates an electronically timed contact for 1 - 60 seconds	<ul style="list-style-type: none"> • Timed access • Timed alarm shunt
	705 705N 705T	805AL 805ALN	Alternate action DPDT Turning the key left or right actuates and latches the contact. Contact position is maintained until the key is inserted and turned again	<ul style="list-style-type: none"> • Control two circuits simultaneously • Access and alarm bypass • Lock and magnetic door holder control
	706 706N 706T	806AL 806ALN	Momentary DPDT Turning the key left or right momentarily actuates the contacts	<ul style="list-style-type: none"> • Control two circuits simultaneously
	707 707N 707T	807AL 807ALN	#1 Momentary SPDT. Turning the key left momentarily actuates contact #1. #2 Momentary SPDT. Turning the key right momentarily actuates contact #2	<ul style="list-style-type: none"> • Control two circuits independently
	708 708N 708T	808AL 808ALN	#1 Momentary SPDT. Turning the key in one direction momentarily actuates contact #1 #2 Alternate action SPDT. Turning the key in opposite direction actuates and latches contact #2 until the key is inserted and turned again	<ul style="list-style-type: none"> • Control two circuits independently • Momentary access and sustained bypass of a door
	709 709N 709T	809AL 809ALN	#1 Alternate action SPDT. Turning the key left actuates and latches contact #1 #2 Alternate Action SPDT. Turning the key right actuates and latches contact #2	<ul style="list-style-type: none"> • Control two circuits independently • Bypass with single station #1 • Bypass with all stations #2
	710T		#1 Momentary SPDT plus 10TD Electronic Mini Timer, SPDT 2Amp, 1-60 second. Turning the key in one direction activates an electronically timed contact for 1 - 60 seconds #2 Alternate action SPDT. Turning the key in opposite direction actuates and latches contact #2	<ul style="list-style-type: none"> • Control two circuits independently • Timed access and sustained bypass of a door • Timed alarm shunt (REX) and sustained alarm shunt
	711 711N 711T	811AL 811ALN	#1 Momentary DPDT. Turning the key left momentarily actuates contact #1 #2 Momentary DPDT. Turning the key right momentarily actuates contact #2	<ul style="list-style-type: none"> • Control two pairs of circuits independently
	712 712N 712T	812AL 812ALN	#1 Momentary DPDT. Turning the key in one direction momentarily actuates contact #1 #2 Alternate action DPDT. Turning the key opposite direction actuates and latches contact #2 until the key is inserted and turned again.	<ul style="list-style-type: none"> • Control two pairs of circuits independently • Activate a time delay, REX input or alarm shunt with #1 • Access control and alarm bypass with #2
	713 713N 713T	813AL 813ALN	#1 Alternate action DPDT. Turning the key left actuates and latches contact #1. #2 alternate action DPDT. Turning the key right actuates and latches contact #2	<ul style="list-style-type: none"> • Control two pairs of circuits independently



SPECIFICATIONS

700	2.875" x 4.5" x 20 Ga.	Weight 0.5 lbs
700N	1.75" x 4.5" x 20 Ga.	Weight 0.3 lbs
700T	4.5" x 4.5" x 20 Ga.	Weight 0.6 lbs

800AL	3.25" x 5" x 0.25"D	Weight 0.65 lbs
800ALN	1.75" x 5" x 0.25"D	Weight 0.55 lbs

PRODUCT SKU SAMPLE: **702 U L2**



HOW TO ORDER

1| SPECIFY MODEL & FUNCTION

20 GAUGE STAINLESS STEEL FACEPLATE			1/4" THICK ALUMINUM PLATE		Contacts
1 Gang	Narrow	2 Gang	1 Gang	Narrow	
701	701N	701T	801AL	801ALN	AA SPDT
702	702N	702T	802AL	802ALN	MO SPDT
704	704N	704T	804AL	804ALN	1-60 Timer SPDT
705	705N	705T	805AL	805ALN	AA DPDT
706	706N	706T	806AL	806ALN	MO DPDT
707	707N	707T	807AL	807ALN	2 MO SPDT
708	708N	708T	808AL	808ALN	1 MO SPDT & 1 AA SPDT
709	709N	709T	809AL	809ALN	2 AA SPDT
710	710N	710T	810AL	8010 ALN	1-60 Timer & 1 AA SPDT
711	711N	711T	811AL	811ALN	2 MO DPDT
712	712N	712T	812AL	812ALN	1 MO DPDT & 1 AA DPDT
713	713N	713T	813AL	813ALN	2 AA DPDT

2| SPECIFY FINISH

700 Series Only

- U** 630 Dull Stainless Steel Standard
- C** 605 Bright Brass
- D** 606 Dull Brass
- H** 613 Oil Rubbed Bronze
- P** 625 Bright Chrome

Key cylinder sold separately.
MO - Momentary
AA - Alternate Action (On-Off)

3| SPECIFY OPTIONS

- ATS** Anti-Tamper Sensor, SPDT
- L1** One LED; Specify Red or Green
- L2** Two LED's; Red and Green
- LT** One Tri-Color LED; Red, Green and Amber
- RMB** Buzzer, 12 or 24VDC, 20mA
- SN** 85 db. Siren, 4V-25VDC, 15mA
- 10TD** Mini Timer, adj. 1-60 Sec., 12/24VDC, SPDT
- CYL-KD** 1-1/8" Key Cylinder with 2 Keys (keyed differently)

4| SPECIFY RETROFIT BACK BOX (OPTIONAL)

- BB1D** Single Gang 2.25" W 3.75" H x 2.75" D



MD31D

Request-to-Exit PIR Sensor

The **SDC MD31D Passive Infrared Detector** is specifically designed for request-to-exit applications. The coverage field is internally pointable. When angled 14° down, coverage may be 5 x 6 feet at 7 feet high to 10 x 12 feet at 15 feet high. The MD31D projects a wrap around “U” pattern down and away from the door to inhibit tampering.

The MD31D complies with national fire and building code requirements for Access Controlled Egress Doors listed below:

- IBC International Code 1008.1.3.4
- IFC International Fire Code 1008.1.3.4
- NFPA 101 Life Safety Code 7.2.1.6.2
- NFPA 1.15.5.3.2
- BOCA National Building Code 1017.4.5
- SBCCI Standard Building Code 1012.7



FEATURES

- Adjustable 1-60 Second Time Delay
- May be Mounted to Frame Header, Wall or Ceiling
- Complies with NFPA Applications

CODE COMPLIANT EGRESS SENSOR

PIR egress sensor with failsafe mode (lock releases when power to PIR sensor is interrupted).

SPECIFICATIONS

Input	12 or 24 VAC/DC @ 26mA Max.
Contact	2 SPDT Dry, 1 Amp @ 30VDC
Operating Temperature	-14° F to 120° F (-10° C to 49° C)
Dimensions	2.4" H x 7" W x 2" D
Weight	0.4 lbs

MODELS

 **MD-31DOW** White PIR Egress Sensor

 **MD-31DB** Black PIR Egress Sensor





10TD Mini Timer Module

Time Delay Relay

The electronic Mini Timer delays relocking of access controlled door to provide persons ample time needed to complete door entry or egress. The Mini Timer is compatible with all SDC momentary key and exit switches equipped with a momentary normally open contact. The module assembly fits inside a two gang key or exit switch assembly or may be installed separately in a narrow frame or remote junction box.



SPECIFICATIONS

Input	12/24 VDC / VAC @ 50 mA
Trigger Input	N.O. Dry
Contact	SPDT Dry, 2 Amps @ 30VDC (Resistive)
Wire Leads	6", 20 Gauge"
Size	2-1/4" x 1-1/2" x 3/4"
Weight	0.2 lbs



FEATURES

- Adjustable 1-60 Seconds
- Compatible with All SDC Momentary Key and Exit Switches

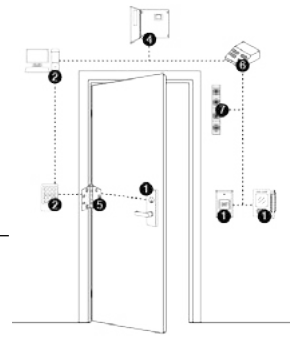


MODELS

10TD Mini Timer Module



SDC Door Check List



JOB NAME: _____

DOOR IDENTIFICATION: (EXTERIOR _____ (INTERIOR) _____)

DOOR LOCATION OR NUMBER _____

SINGLE DOOR HANDING: RH ___ LH ___ RHR ___ LHR ___

DOUBLE DOORS HANDING: RH ___ LH ___ RHR ___ LHR ___

TYPE OF DOOR: HOLLOW METAL ___ : ALUMINUM & GLASS ___ : HERCULITE (TOP & BOTTOM RAILS) ___
 HERCULITE (BOTTOM RAIL ONLY) ___ : HERCULITE (PIVOT & LOCK PATCH FITTINGS) _____

DOES DOOR HAVE AN "EXIT" SIGN ABOVE IT ___ YES ___ NO

DOOR SIZE: W _____ X H _____ + DOOR THICKNESS _____ + LOCK HEIGHT _____ + LOCK BACKSET _____

HINGE TYPE _____ + **HINGE SIZE** _____ + **HINGE FINISH** _____

EXISTING LOCK TYPE & BRAND _____ + **FINISH** _____

DOOR CLOSER: SURFACE MOUNT: INSIDE ___ OR OUTSIDE ___ : CLOSER MANUFACTURE _____

DOOR CLOSER: IN THE HEADER ___ : HOLD OPEN FEATURE YES ___ NO ___ : DEGREE OF OPENING _____

AUTOMATIC DOOR OPERATOR: MANUFACTURE & MODEL# _____

AUTOMATIC DOOR OPERATOR PUSH PLATE SWITCHES: HARD WIRED _____ OR WIRELESS _____

WHAT KIND OF CEILING _____ (PLASTER, DRYWALL, LIFT OUT, PANELS OR PUZZLE)

HOW HIGH IS THE CEILING _____

WHAT KIND OF HEADER _____ (NONE, WOOD, STEEL, ALUMINUM, GLASS)

WHAT TYPE OF TRAFFIC: LIGHT ___ MEDIUM ___ HEAVY ___

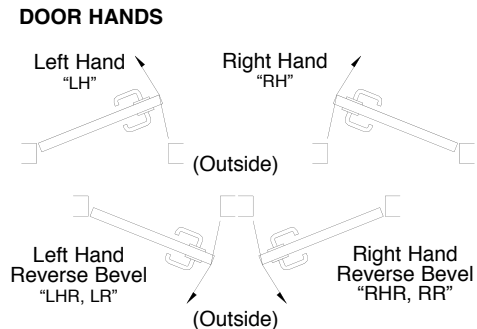
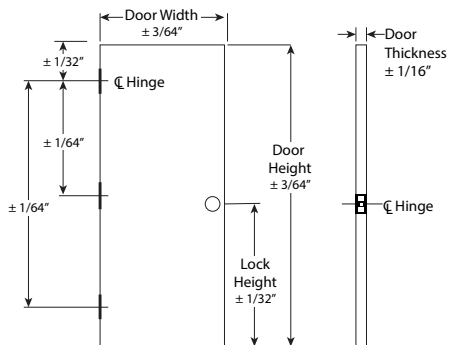
PICTURES TAKEN OF DOOR: YES ___ OR NO ___

MEASUREMENT FROM DOOR TO ACCESS CONTROLLERS: _____

MEASUREMENT FROM DOOR TO POWER SUPPLY: _____

WIRE GAGE _____ : **WIRE TYPE** _____ : **AMOUNT OF WIRES** _____ : **EXTRA WIRES** _____

VOLTAGE AT DOOR: _____ : **VOLTAGE AT POWER SUPPLY** _____ : **CURRENT AT DOOR** _____



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Icon Index



Made in the USA



UL Listed



Grade 1



CE Listed



Weather Resistant



Available through
shipQUICK Inventory



Lifetime Warranty



3 Year Warranty



5 Year Warranty



Field Selectable



ADA Compliant



Power over Ethernet
Capable Locking Hardware

SDC

Security Door Controls

PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 15 SECONDS.

