



- **Small, Slim Design**
- **650lb Holding Force**

Application

When unauthorized egress is initiated, the Mini Exit Check® delays egress through the door for 15 seconds. Meanwhile, the person exiting must wait while personnel or security respond. The door unlocks after 15 seconds have elapsed, permitting egress. A signal from the fire/life safety system will release the lock for uninhibited egress in an emergency.

Exit Check® applications include:

- Restricting the egress of patients for their own safety.
- Restricting the egress of commercial center patrons for minimum security application needs.

Wondering Patient Systems

The SDC Exit Check® is compatible with wandering patient systems, like those used for protection against infant abduction from hospital nurseries, and in long term care facilities for the elderly.

Access Control

Access controls may be utilized for authorized egress or access. Access from the exterior of latching doors requires an additional means of mechanical lock release, such as a mechanical key or electric strike.

Local Approval

All installations must be approved by the Authority Having Jurisdiction (AHJ).



3774-0324-103
California State
Fire Marshal Listed

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SMALL, SLIM DESIGN /650LB HOLDING FORCE

1581S DELAYED EGRESS

MINI EXIT CHECK

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



Size Matters

The Mini Exit Check® is designed to meet the needs of long term care and commercial facilities that require a smaller, less obtrusive, and less expensive delayed egress lock that is better suited for minimum security needs.

In addition, the subdued alarm tone is less disruptive to patients and staff. SDC has also maintained all the features and status outputs found in most higher holding force delayed egress locks on the market.

1581SND

- UBC, NFPA 101, NFPA 1, UFC, IBC, IFC and California Building Code Compliant
- 15 second exit delay, 2 second nuisance delay
- Station control required for lock reset following unauthorized egress
- Field selectable automatic or manual power-up after power outage and fire emergency release. Manual power-up is a UBC and California State requirement.

1581SBD

- BOCA & Chicago Building Code Compliant
- 15 second exit delay, 1 second nuisance delay
- Automatically resets and locks 30 seconds after door closure
- Manual reset station not required

Standard Features

- 650 lbs Holding Force
- Subdued alarm with 2 distinct tones
Alarm activation - intermittent
Door release - continuous
- Choice of activation trigger
Door movement
Latching exit device with switch kit
Non-latching REX bar
- Self-aligning and vandal resistant proximity sensor trigger
- 5 foot cable

Inputs and Outputs

- Sustained bypass input
- Access control / REX input, timed
- Door secure / unlocked output
- Alarm activation output
- Door Position Status (optional)
- Magnetic Bond Sensor (optional)

1581SND Field Selectable Automatic or Manual Power-Up Modes

After a power outage or fire alarm release

- When selected, automatic power-up occurs when facility power is restored and/or the fire panel is reset.
- Manual Power-up is an **California Building Code Compliant**. When selected, only after power restoration and fire panel reset, may the lock be manually energized by the reset switch adjacent to the opening

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More Standard Features

Slave Lock Output

The slave lock output enables the use of two units for pairs of doors and ensures that pushing on one door leaf will cause both doors to release.

Activation Triggers

The Exit Check® is equipped with a built-in activation trigger and a remote trigger device input.

Built-In Activation Trigger

The built-in activation trigger may only be used with doors equipped with a latch assembly (i.e. exit device or mechanical lockset).

The mechanical latch mechanism must be locked on the exterior and unlocked on the interior. From the inside, retracting the door latch and applying pressure causes limited door movement. The built-in activation trigger senses the door movement and initiates delayed egress operation.

Remote Activation Trigger Input Activation Trigger For Non-Latching Doors

The remote trigger activation input must be used with doors without latch assemblies (i.e. latchless glass and herculite doors).

Activation may be triggered by the SDC MSB550 Switch Bar or the SDC PSB560 Sure Exit®, request-to-exit push bar. A power transfer device is required.

Pushing on the request-to-exit push bar immediately activates the delayed egress operation.

Activation Trigger For Latching Doors

Where preferred, activation may be accomplished by a latch monitoring strike, or a switch installed in a standard latching exit device or lockset. A power transfer device is required for exit devices equipped with a trigger switch.

Specifications

- Auto sensing 12/24VDC input.
- Current: 320 mA @ 24VDC
500 mA @ 12VDC
- Size: 10"L x 2"H x 2-3/8"D

Functions

ND UBC, California Building Code, OSHPD, NFPA 101, IBC & IFC Compliant

15 second fixed exit delay, 2 second nuisance delay. Field selectable manual power up after emergency release for California and OSHPD compliance

NH IBC, IFC, NFPA 101 Compliant

30 second fixed exit delay, 2 second nuisance delay

BD BOCA National Building Code Compliant

15 second fixed exit delay, 1 second nuisance delay, auto reset 30 seconds after door closure

BH BOCA National Building Code Compliant

30 second fixed exit delay, 1 second nuisance delay, auto reset 30 second after door closure

Finish

- V 628 Clear Anodized Aluminum (standard)
- X Dark Bronze Powder Coat (313/613 equivalent)
- Y 335 Black Anodized
- C 605 Bright Brass
- D 606 Dull Brass
- P 625 Bright Chrome
- Q 626 Dull Chrome

Optional Status Outputs

- D Door position status
- B Magnetic bond sensor

Accessories


Required when using two locks on a pair of doors, cables enable slave operation. Pushing either door triggers the delayed release of both doors.


1581S-TC3 Cable kit for connecting two locks through the frame header


1581S-TC-10 Cable kit for connecting wiring for two locks in a remote junction box


Reset Station Controls


Reset Station for ND and NH functions
Reset not required for BD and BH function

928  EntryCheck™ digital keypad 480 user codes, Keyless Reset / manual power up / bypass


728  Key switch 2 keys, 1 gang Reset / manual power up / sustained bypass

728L  Key switch 2 keys, 1 gang, LED status indicator Reset/ manual power up/ sustained bypass

702R  Key switch assembly 1 gang, less cylinder Reset / manual power up / momentary bypass

101-AK  Key switch assembly, 2 gang, LED status indicator, less cylinder Reset / manual power up / sustained bypass

Latch Trigger

MS-16  Latch Trigger Switch For doors equipped with Mortise Locks and Mortise Exit Devices. Wiring from the door to frame is eliminated

Remote Wall Mount Annunciators

Wall mount annunciators identify unauthorized egress at remote locations such as nurses stations, enabling quick personnel response.

101-1A Remote or local single door annunciator with audible alarm and tri-color LED, 1 Gang
Green - Secure
Amber - Egress initiated
Red - Door unlocked



101-4AM Remote four door annunciator with audible alarm mute button. Four tri-color LEDs, 2 Gang
Green - Secure
Amber - Egress initiated
Red - Door unlocked



101-PAM Remote single door annunciator with 3 push button switches for momentary access. On/off and audible alarm mute button with tri-color LED, 2 Gang
Green - Secure
Amber - Egress initiated
Red - Door unlocked
 Recommended for remote installation only



Control Consoles



TCC Desk Top



RCC Rack Mount
 AB Desk Top Cabinet



Power Transfer Loops & Hinge

PT-2 Stainless steel armored power transfer loop

PT-3 Stainless steel armored power transfer loop with aluminum termination box

PTH-4 4 wire power transfer hinge: 1-pair 1 Amp; 1-pair 250 mA UL10B Listed for use with up to 3 hour fire rated doors

Exit Device Switch Kits



Recommended for retrofit applications, 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.

Make and Model to be fitted

- 510 Von Duprin 33, 35, 98, 99
- 510-2 Von Duprin 33, 35, 98, 99 DPDT
- 511 Von Duprin 55
- 512 Von Duprin 88
- 514 Dor-O-Matic 990, 1090, 1990, 2090
- 516 Sargent 9600, 9700, 9800, 9900
- 517 Adams Rite 8300, 8400, 8700, 8800
- 518 Precision Apex Series 1100
- 518A Percision Apex Series 2100 - 2800
- 519 Jackson 1095
- 519-2 Jackson 1095 DPDT
- 521 Corbin 7000
- 525 Monarch 18 and 19
- 527 Sargent 80
- 527-2 Sargent 80 DPDT
- 528 Sargent 20/60
- 531 Yale 7000 (Dogging mechanism required) & Corbin 4000
- 535 Kawneer Mid Panel Line Dor-O-Matic 1390
- 540 Arrow 53/5400 series

Sure Exit® Request-to-Exit Sense Bar



The Sure Exit® is a non-latching, heavy duty request-to-exit push bar that will activate the Exit Check when slight pressure is applied to the bar

- PSB560V** Aluminum Anodized
- PSB560Y** Black Anodized
- PSB560C** Bright Brass
- PSB560S** Bright Stainless Steel
- PSB560U** Brushed Stainless Steel

Stainless steel and brass optional. 36" is standard. For wider doors specify 42" or 48". May be field cut.

Actuation: Pressure Sense
Technology; Tri-Failsafe
Voltage: 12/24VDC Voltage Sense Input
Current: 20 mA at Rest, 115 mA Active
Lock Output: SPDT, 3 Amp @ 30VDC
Alarm Shunt/Status Output: SPDT, 3 Amp @ 30VDC

Request-to-Exit Switch Bar

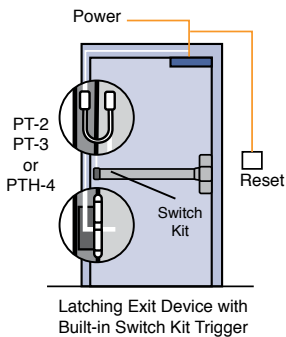
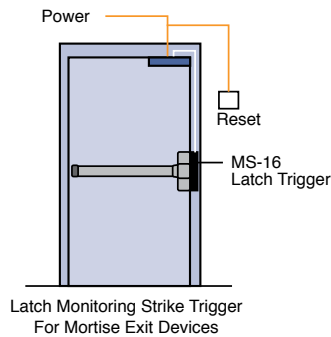
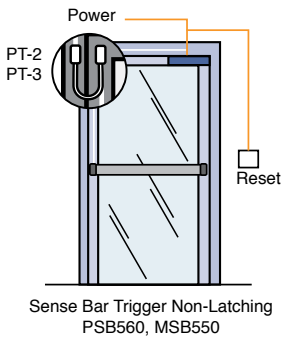
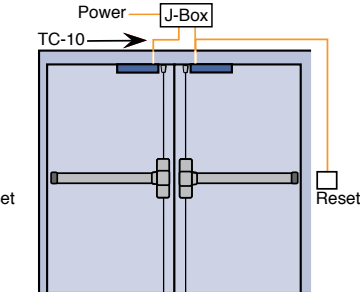
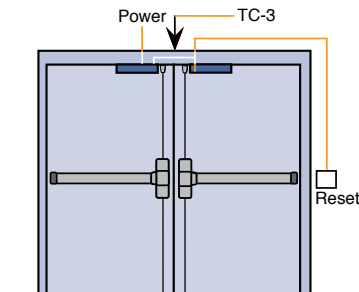
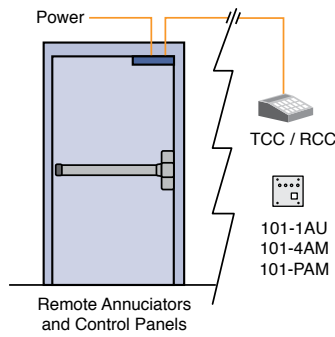
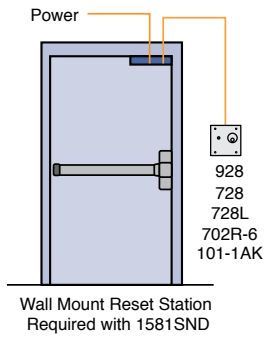


The MSB550 is a non-latching, heavy duty request-to-exit push bar that will activate the Exit Check when slight pressure is applied to the bar

- MSB550V** 628 Aluminum Anodized
- MSB550Y** 335 Black Anodized
- MSB550C** 605 Bright Brass
- MSB550S** 629 Bright Stainless Steel
- MSB550U** 630 Brushed Stainless Steel

Stainless steel and brass optional. 36" is standard. For wider doors specify 42" or 48". May be field cut.

Contact: SPDT Dry, 3 Amp @ 28VDC
 Two contacts optional



Power Supplies

Delayed egress applications require properly approved power supplies with emergency release capability.

- 621B** Power supply module, 1 Amp 12/24VDC, Class 2 40VA, 24VAC transformer required to achieve 1 Amp output See SDC TP2440 plug-in or TJ2440 base mount transformers
- 621P** Power supply module, 1 Amp, 12/24VDC, Class 2, with UL Listed plug-in transformer.
- 621PJ** Power supply module, 1 Amp, 12/24VDC, Class 2 and small enclosure with cover mounted LED power supply status indicator and UL Listed plug-in transformer.
- 602RF** 1 Amp class 2 output (4 outputs optional.)
- 631RF** 1.5 Amp class 2 output (4 & 8 outputs optional.)
- 632RF** 2 Amp class 2 output, (4, 8 & 12 outputs optional.)
- 634RF** 4 Amp; Field select one 4 Amp output or two 2 Amp class 2 outputs (4, 8, 12 & 16 outputs optional.)
- 636RF** 6 Amp; Field select one 6 Amp output or three 2 Amp class 2 outputs (4, 8, 12, 16, 20 & 24 outputs optional)

Emergency Release

600 Series Power Supply Emergency Release

