



## Exit Switches



### 410 & 420 Series

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 disabled.

**1 Gang;** 2" Button, Green Illuminated Button - Stainless Steel  
**Narrow;** 1 3/4"x1" Button, Green Illuminated Button - Stainless Steel

1 Gang	Narrow	Contact	Sign
422U	412NU	Momentary SPDT	PUSH TO EXIT
423U	413NU	Integrated electronic timer, adj. 1-60 sec, 12/24VDC, SPDT 2Amp contact	PUSH TO EXIT
423PU	413PNU	Integrated pneumatic timer, adj. 1-180 sec. 12/24VDC, SPDT 3Amp contact	PUSH TO EXIT
424U	414NU	Momentary DPDT	PUSH TO EXIT
425U	415NU	AA (On/Off) DPDT	NONE

2" Button - Blue Illuminated button only		
422AU	Momentary SPDT	
423AU	Integrated electronic timer, adj. 1-60 sec, 12/24VDC, DPST 2Amp contact	

#### Finishes

Suffix 'U' above indicates standard finish stainless steel

C 605 Bright Brass	D 606 Dull Brass
H 613 Oil Rubbed Bronze	P 625 Bright Chrome

#### Options

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

#### Specifications

<b>Contact:</b>	SPDT, 5 Amp @ 30VDC
<b>Timer:</b>	SPDT 2 Amp @ 12/24VDC
<b>Wire Leads:</b>	6", 20 Gauge
<b>1 Gang:</b>	2 7/8" x 4 1/2" x 20 Ga. (73 x 114 x 0.912 mm)
<b>Narrow:</b>	1 3/4" x 4 1/2" x 20 Ga. (45 x 114 x 0.912 mm)

### Code Compliant Exit Switches

#### 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:

- ICC International Building Code 1008.1.3.4
- IFC International Fire Code 1008.1.3.4
- NFPA 101 Life Safety Code 7.2.1.6.2
- California Fire Code

**1 Gang:** 2" Button, Green Illuminated Button - Stainless Steel

**Narrow:** 1 3/4"x1" Button, Green Illuminated Button - Stainless Steel

1 Gang	Narrow	Contact	Sign
423MU	413MNU	Integrated electronic timer, fixed 30 sec timer, 12/24VDC, DPST 2Amp contact	PUSH TO EXIT



#### Finishes

Suffix 'U' above indicates standard finish stainless steel  
 For special finish use suffix below in lieu of "U"

C 605 Bright Brass	D 606 Dull Brass
H 613 Oil Rubbed Bronze	P 625 Bright Chrome

#### Options

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

#### Specifications

<b>Contact:</b>	Momentary, SPDT 5 Amp @ 30VDC
<b>Wire Leads:</b>	6", 20 Gauge
<b>1 Gang:</b>	2 7/8" x 4 1/2" x 20 Ga. (73 x 114 x 0.912 mm)
<b>Narrow:</b>	1 3/4" x 4 1/2" x 20 Ga. (45 x 114 x 0.912 mm)

### PIR Egress Sensor

UL listed 294  
 Access Control System Units



The MD31D PIR request-to-exit sensor unlocks doors automatically when persons approaching door are detected. The MD31D complies with national fire and building code requirements for Access Controlled Egress Doors listed above. Code compliant failsafe mode releases locks when power to PIR sensor is interrupted.

Model	Color	
MD-31DW	White	PIR Egress Sensor
MD-31DB	Black	PIR Egress Sensor

#### Specifications

<b>Input:</b>	12 or 24 VAC/DC @ 26mA max
<b>Contact:</b>	2 SPDT Dry, 2 Amp @ 30VDC
<b>Operating Temp:</b>	-20° F to 120° F (-29° C to 49° C)
<b>Dimensions:</b>	1.5" H x 6.25" W x 1.5" D (38.1 H x 148.8 W x 38.1 D mm)



## SECURITY DOOR CONTROLS

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### 430 Series Mushroom Exit Switch

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.

1.5" Mushroom, Green Button Standard, Dull Stainless Steel

1 Gang	Narrow	2 Gang	Contact	Sign
431CU	431CNU		AA (On/Off) NC SPST	none
431OU	431ONU		AA (On/Off) NO SPST	none
432CU	432CNU		Momentary NC SPST	EXIT
432OU	432ONU		Momentary NO SPST	EXIT
		433U	Momentary with Timer Module, Adj. 1-60 seconds 12/24V AC/DC, SPDT 2A contact	EXIT
434U	434NU		Momentary DPST	EXIT
435U	435NU		AA (On/Off) DPST	none

### Latching Function with Key Reset

The SDC 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.

1.5" Mushroom, Red Button Standard, Dull Stainless Steel

1 Gang	Narrow	Contact	Sign
432KUR	432KNUR	Latching/ key reset DPST	none

### Finishes

Suffix 'U' above indicates standard finish stainless steel  
For special finish use suffix below in lieu of "U"

C 605 Bright Brass	D 606 Dull Brass
H 613 Oil Rubbed Bronze	P 625 Bright Chrome

### Options

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

### Specifications

<b>Contact:</b>	6 Amp @ 30VDC
<b>Wire Connection:</b>	Screw Terminals
<b>1 Gang:</b>	2 7/8" x 4 1/2" x 20 Ga. (73 x 114 x 0.912 mm)
<b>Narrow:</b>	1 3/4" x 4 1/2" x 20 Ga. (45 x 114 x 0.912 mm)
<b>2 Gang:</b>	4 1/2" x 4 1/2" x 20 Ga. (114 x 114 x 0.912 mm)

### 440 Heavy Duty Series

The conspicuous 440 Heavy Duty Industrial series switch assemblies incorporate a 2 5/8" inch diameter mushroom button and heavy duty water 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.

2-5/8" Mushroom, Red Button Standard, Dull Stainless Steel Finish, Specify G For Optional Green button

1 Gang	2 Gang	Contact	Sign
	441U	AA (On/Off) DPST	none
	442U	Momentary DPST	EXIT
	443U	Momentary with Timer Module, Adj. 1-60 seconds 12/24V AC/DC, SPDT 2A contact	EXIT
	444U	Momentary 2-DPST	EXIT
446U		Momentary DPST	EXIT

### Finishes

Suffix 'U' above indicates standard finish stainless steel  
For special finish use suffix below in lieu of "U"

C 605 Bright Brass	D 606 Dull Brass
H 613 Oil Rubbed Bronze	P 625 Bright Chrome

### Options

L1G 1 Green LED	LT Tri-color LED - Red, Green, Amber
L1R 1 Red LED	E Add Exit sign To AA Function Switch
L2 1 Red, 1 Green LED	G Green button in lieu of Red

### Specifications

<b>Button:</b>	Mushroom, 2 5/8" (67 mm)
<b>Contact:</b>	6 Amp @ 30VDC
<b>Wire Connections:</b>	Screw Terminals
<b>1 Gang:</b>	2 7/8" x 4 1/2" x 20 Ga. (73 x 114 x 0.912 mm)
<b>2 Gang:</b>	4 1/2" x 4 1/2" x 20 Ga. (114 x 114 x 0.912 mm)

### Example

Model	Finish	Option
432O	U	L2
446	U	L2



### 450 Vandal Resistant Series

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 453PTD 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 (see page 4).

Stainless Steel Button - 1/4" Thick Aluminum Plate - Security Screws  
Plated Finish Not Available

1 Gang	Narrow	Contact	Sign
451V	451NV	AA (On/Off) SPDT	none
452V	452NV	Momentary SPDT	none
453PV	452PNV	Integrated Pneumatic Timer Adj. 1-180 sec. DPDT contact	none

#### Specifications

**Button:** Round Dull Stainless Steel button, 1/2" (13 mm)

**Contact:** 6 Amp @ 30VDC

**Wire Connections:** 451/452: 6", 20 gauge

453: Screw terminals

**1 Gang:** 2 7/8" x 4 1/2" x 1/4" (73 x 114 x 6.35 mm)

**Narrow:** 1 3/4" x 4 1/2" x 1/4" (45 x 114 x 6.35 mm)

### 460 Vandal Resistant Series



- Vandal resistant stainless steel piezoelectric button and faceplate
- No moving parts
- Billion cycle button technology
- Bi-color status indicator, Red and Green
- Integrated timer, adj. 1-40 seconds

The SDC 460 series is a heavy duty, vandal resistant exit switch designed for harsh indoor or outdoor environments. The stainless steel piezoelectric technology is also ideal for high traffic applications. The switch assembly design ensures superior performance in virtually any environment.

1/8" Stainless Steel - Security Screws - Plated Finish Not Available

1 Gang	Narrow	Contact	Sign
463U	463NU	Integrated 1-40 Sec Timer, NO/NC 2A contact	PUSH TO EXIT / EXIT

#### Specifications

**Input Voltage:** 12/24VDC

**Current:** LED On: Idle-60mA, Active-120mA, LED Off: Idle-10mA, Active-60mA

**Outputs:** 1 N.O., 1 N.C., 2 Amp @ 30VDC

**Relay Life Expectancy:** 100,000 cycles @ 2A 30VDC 200,000 cycles @ 1A 30VDC

**Operating Temp:** -40° F to +160° F (-40° C to +70° C)

**1 Gang:** 4.5" H x 2.75" W x 1.25" D (114 x 70 x 32 mm)

**Narrow:** 4.5" H x 1.75" W x 1.25" D (114 x 44 x 32 mm)



### 474U 2-SPDT Touchless Exit Switch

The SDC 474U uses IR Sensor technology, the device is active with the simple wave of a hand. Designed to control electric locks/strikes, magnetic locks, or automatic door openers. It is ideal for use in sanitary applications, such as cleanrooms, bathrooms, food processing, hospitals and labs, and features a sensing range of up to 4" (10cm). The Switch is mounted on a durable stainless steel plate, with dual LED illuminated sensors indicating the status. The quick connect screwless terminal block ensures easy installation.

#### Specifications

**Input:** 25mA (standby); 55mA (Active) @ 12/24VDC

**Output:** 2-SPDT, 3 Amp Dry Contact

**Activation Time:** 1 second or as long as sensor is triggered

**LED Color:** Standby RED; Active Green

**Range:** 4" (10cm)

**Weight:** 3 oz. (85g)

**Dimensions:** 4.5" x 2.75" x 1.375" (115 x 70 x 35mm)



### Communicating Bathroom System Controls

For a common single bathroom shared by two patient rooms or dormitory rooms, the CB400A controls provides privacy and ensures that both doors are locked only when the bathroom is occupied and unlocked when the bathroom is not occupied. The CB400B controls provide emergency access by facility staff. Both doors unlock when signalled by the fire life safety system.

#### For communicating bathroom systems with EMLocks

- CB401A** The CB401A is located inside the bathroom. Depressing the button locks both doors for privacy. Pressing the button again unlocks both doors ensuring both doors are unlocked when unoccupied.
- CB401B** The CB401B Emergency door release (2 required) is located outside the bathroom above or adjacent to the door. The illuminated push switch button indicates the doors are locked. Depressing the push switch unlocks both doors.

#### Additional Components Required

- 2 EMLock's:  
1581VD – 650lbs Holding Force  
or 1571VD – 1200lbs Holding Force
- 631RF-CR Power Supply

#### For communicating bathroom systems with Electrified Locksets

- CB402A** The CB402A is located inside the bathroom. Depressing the push switch locks both doors on the outside only. Doors are always unlocked on the inside for uninhibited egress. Exiting either door causes both doors to unlock.
- CB402B** The CB402A Emergency door release (2 required) is located outside the bathroom above or adjacent to the door. The illuminated push switch button indicates the doors are locked. Depressing the push switch unlocks both doors.

#### Additional Components Required

- 2 each Electrified Locksets:  
Z7250 Electrified Cylindrical lock with Rex output  
or Z7850-R Electrified Mortise lock with REX output
- PTH-4Q four wire power transfer hinge
- 631RF-LR Power Supply

#### Specifications

- Contact:** SPDT 5 Amp @ 30VDC
- Wire Leads:** 6", 20 Gauge
- 1 Gang:** 2 7/8" x 4 1/2" x 20 Ga. (73 x 114 x 0.912 mm)

### Mini Timer Module

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.

10TD Mini Timer Module, Adjustable 1 - 60 seconds

#### Specifications

- Input:** 12/24 VDC / VAC @ 50 mA
- Trigger Input:** N.O. Dry
- Contact:** SPDT Dry, 2 Amps @ 30VDC
- Wire Leads:** 6", 20 Gauge
- Size:** 3/4" x 1-1/2" x 2-1/4" (19 x 38 x 57 mm)