



### 400 Series

The SDC 400 series are compact, unobtrusive and contemporary in design making it the perfect choice where esthetics are a priority. Built to last, the 400 series are backed by proven reliability and longevity.

¾" Button - Green Lens - Dull Stainless Steel Finish

1 Gang	Narrow	Contact	Sign
401U	401NU	AA (On/Off) SPDT	none
402U	402NU	Momentary SPDT	EXIT
403U	403NU	With Timer Module 1-60 sec. 12/24V AC/DC, 2A SPDT Contact	EXIT
404U	404NU	Momentary DPDT	EXIT
405U	405NU	AA (On/Off) DPDT	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   **F** 611 Bright Bronze  
**G** 612 Dull Bronze   **H** 613 Oil Rubbed Bronze   **P** 625 Bright Chrome

### Options

**L1G** 1 Green LED   **L3** Tri-color LED - Red, Green, Amber  
**L1R** 1 Red LED   **E** Add Exit sign To AA Function Switch  
**L2** 1 Red, 1 Green LED   **R** Red Button in lieu of green

### Specifications

**Contact:** 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)  
**Narrow:** 1 3/4" x 4 1/2" x 20 Ga. (45 x 114 x 0.912 mm)

### Example

Model	Finish	Option
402	U	L2
422	U	L2



CSFM Listed  
Access Control Accessory  
3625-0324:107



Enterprise Engineering  
Laboratories Listed  
UL 294 Test Standard Compliant



### 410 & 420 Series

The illuminated momentary switch button is two inches square for easy activation and is visually conspicuous. The standard "PUSH TO EXIT" signage is large for easy identification. The high impact resistant material stands up to abuse.



The "PUSH to EXIT" signage complies with NFPA requirements. The 422A is designed for access and egress applications for the disabled and is equipped with the blue button and disabled access symbol.

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

**Narrow;** 1¾"x1" Button, Green Illuminated Lens - Stainless Steel

1 Gang	Narrow	Contact	Sign
422U	412NU	Momentary SPDT	PUSH TO EXIT
423U	413NU	Integrated 1-60 sec Timer 12/24VDC, 2A SPDT Contact	PUSH TO EXIT

**2" Button - Blue Illuminated lens only**

422AU	Momentary SPDT	
423AU	Integrated 1-60 sec Timer 12/24VDC, 2A SPDT Contact	

### 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   **F** 611 Bright Bronze  
**G** 612 Dull Bronze   **H** 613 Oil Rubbed Bronze   **P** 625 Bright Chrome

### Options

**L1G** 1 Green LED   **L3** Tri-color LED - Red, Green, Amber  
**L1R** 1 Red LED   **R** Red Button in lieu of green  
**L2** 1 Red, 1 Green LED

### Specifications

**Contact:** SPDT, 10 Amp @ 30VDC  
**Timer:** SPDT 2 Amp @ 12/24VDC  
**Wire Leads:** 6", 20 Gauge  
**1 Gang:** 2 7/8" x 4 1/2" x 20 Ga. (73 x 114 x 0.912 mm)  
**Narrow:** 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:

- NFPA 101 Life Safety Code - 7.2.1.6.2
- NFPA 1 Uniform Fire Code - 14.5.3.2
- BOCA National Building Code - 1017.4.5
- SBCCI Standard Building Code - 1012.7

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

1 Gang	Narrow	Contact	Sign
423MU	413MNU	Integrated Fixed 30 sec. Timer 12/24VDC, 2 Amp SPDT Output	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 **F** 611 Bright Bronze  
**G** 612 Dull Bronze **H** 613 Oil Rubbed Bronze **P** 625 Bright Chrome

**Options**

<b>L1G</b> 1 Green LED	<b>L3</b> Tri-color LED - Red, Green, Amber
<b>L1R</b> 1 Red LED	<b>R</b> Red Button in lieu of green
<b>L2</b> 1 Red, 1 Green LED	

**Specifications**

**Contact:** Momentary, SPDT 10 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)  
**Narrow:** 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 of 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**

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



**430 Series Mushroom Exit Switch**

The SDC 430 Heavy Duty Industrial Series incorporates a 1 1/2" round mushroom button with heavy duty water resistant 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 **F** 611 Bright Bronze  
**G** 612 Dull Bronze **H** 613 Oil Rubbed Bronze **P** 625 Bright Chrome

**Options**

<b>L1G</b> 1 Green LED	<b>L3</b> Tri-color LED - Red, Green, Amber
<b>L1R</b> 1 Red LED	<b>R</b> Red Button in lieu of Green
<b>L2</b> 1 Red, 1 Green LED	

**Specifications**

**Contact:** 6 Amp @ 30VDC  
**Wire Connection:** Screw Terminals  
**1 Gang:** 2 7/8" x 4 1/2" x 20 Ga. (73 x 114 x 0.912 mm)  
**Narrow:** 1 3/4" x 4 1/2" x 20 Ga. (45 x 114 x 0.912 mm)  
**2 Gang:** 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
	<b>441U</b>	AA (On/Off) DPST	none
	<b>442U</b>	Momentary DPST	EXIT
	<b>443U</b>	Momentary with Timer Module, Adj. 1-60 seconds 12/24V AC/DC, SPDT 2A Contact	EXIT
	<b>444U</b>	Momentary 2-DPST	EXIT
<b>446U</b>		Momentary DPST	EXIT

### Finishes

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

**C** 605 Bright Brass **D** 606 Dull Brass **F** 611 Bright Bronze  
**G** 612 Dull Bronze **H** 613 Oil Rubbed Bronze **P** 625 Bright Chrome

### Options

<b>L1G</b> 1 Green LED	<b>L3</b> Tri-color LED - Red, Green, Amber
<b>L1R</b> 1 Red LED	<b>E</b> Add Exit sign To AA Function Switch
<b>L2</b> 1 Red, 1 Green LED	<b>G</b> Green button in lieu of Red

### Specifications

**Button:** Mushroom, 2 5/8" (67 mm)

**Contact:** 6 Amp @ 30VDC

**Wire Connections:** Screw Terminals

**1 Gang:** 2 7/8" x 4 1/2" x 20 Ga. (73 x 114 x 0.912 mm)

**2 Gang::** 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 452PTD includes a 2 to 60 second pneumatic timer for delayed relocking. 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
<b>451V</b>	<b>451NV</b>	AA (On/Off) SPDT	none
<b>452V</b>	<b>452NV</b>	Momentary SPDT	none
<b>452VPTD</b>	<b>452NVPTD</b>	Integrated Pneumatic Timer Adj. 2-60 sec. SPDT contact	none

### Specifications

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

**Contact:** 6 Amp @ 30VDC

**Wire Connections:** 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 insures superior performance in virtually any environment.

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

1 Gang	Contact	Sign
<b>460U</b>	Integrated 1-40 Sec Timer, NO/NC 2A Contact	PUSH TO 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 Tempera-** -40° F to +160° F (-40° C to +70° C)

**1 Gang:** 4.5" H x 2.25" W x 1.25" D (114 x 57 x 32)



**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 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)



CSFM Listed  
Access Control Accessory  
3625-0324.107

LISTED  
Enterprise Engineering  
Laboratories Listed  
UL 294 Test Standard Compliant

**Emergency Door Release**

The SDC 491 "Break Glass" Emergency Door Release provides immediate unlocking of perimeter doors or interior doors that are equipped with fail-safe electric locks. The 491's siren may be used as a local door annunciator.

**Model**

- 491** Break Glass Emergency Door Release with Siren
- 491-GL** 4 Each Replacement Glass
- 491-BB** Surface Mount Back Box

**Specifications**

- Contact:** DPDT, 10 Amp @ 30VAC/DC
- Siren:** 20 mA @ 12/24VAC/DC
- 1 Gang:** 3.5" x 5.25" (89 x 133 mm)



**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 lens 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-CBA 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 lens 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-CBA Power Supply

**Specifications**

- Contact:** Spot 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)





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## 400M Manual Release Device / MD31D Sensor Device

### Egress Devices for Code Compliant Access-Controlled Egress Doors



#### Manual Release Device

The 400M series exit switch complies with national fire and building code requirements for manual releasing devices as specified for Access-Controlled Egress Doors.

#### 413MNU

Narrow Request-To-Exit Switch  
 1-3/4" x 1" Button, 1-3/4" Faceplate  
 For narrow frame mount applications

#### 423MU

Single Gang Request-To-Exit Switch  
 2" square button, wall mount.

#### Features

- 30 second relock delay, fixed
- Retriggerable - pushing the switch at anytime restarts the timer cycle
- Failsafe mode releases lock when power to the switch is lost
- Sign: PUSH TO EXIT
- Illuminated push button

#### Specifications

**Input:** 35mA @ 12/24VDC  
**Output:** SPST, Normally Off,  
 1 Amp @ 12/24VDC



#### Sensor Device

The MD31D series REX sensor complies with national fire and building code requirements for sensor device as specified for Access-Controlled Egress Doors.

#### MD31DW

PIR Request-to-Exit Sensor, White

#### MD31DB

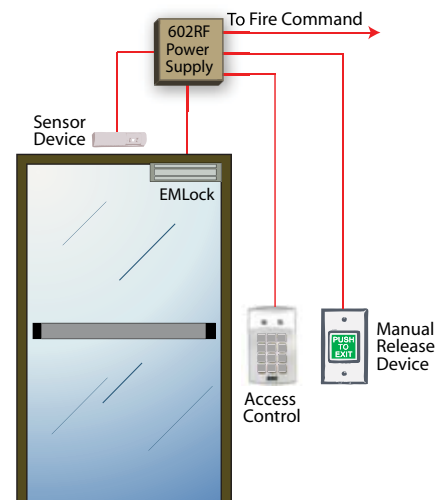
PIR Request-to-Exit Sensor, Black

#### Features

- 1-60 second relock delay
- Failsafe mode releases lock when power to the sensor is lost.
- Frame, wall or ceiling mounted
- Pointable U shape coverage field from 5' x 6' to 10' x 12'

#### Specifications

**Input:** 12/24V AC/DC @ 26mA max  
**Output:** 2 SPDT Dry, 2 Amp @ 30VDC  
**Operating temp:** -20° F to 120° F  
 (-29° C to 49° C)  
**Dimensions:** 1.5" H x 6.25" W x 1.5" D  
 (38.1 H x 148.8 W x 38.1 D mm)



#### Code Compliance

413MNU and 423MU exit switches used together with the MD31D PIR sensor comply with the manual releasing device and sensor device requirements of national building and fire life safety codes.

- **ICC International Building Code**  
1008.1.3.4
- **ICC International Fire Code**  
1008.1.3.4
- **NFPA 101 Life Safety Code**  
7.2.1.6.2  
Access-Controlled Egress Doors
- **NFPA 1 Uniform Fire Code**  
14.5.3.2  
Access-Controlled Egress Doors
- **BOCA National Building Code**  
1017.4.5  
Access-Controlled Egress Doors
- **SBCCI Standard Building Code**  
1012.7  
Access-Controlled Egress Doors



294 Access Control Systems Unit

**SECURITY DOOR CONTROLS**



ISO 9001 : 2000  
 FM 52705

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