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 disabled.

MODELS

<table>
<thead>
<tr>
<th>1 GANG</th>
<th>Narrow</th>
<th>Contact</th>
<th>Sign</th>
</tr>
</thead>
<tbody>
<tr>
<td>422</td>
<td>412N</td>
<td>Momentary SPDT</td>
<td>PUSH TO EXIT</td>
</tr>
<tr>
<td>423</td>
<td>413N</td>
<td>Integrated electronic timer, adj. 1-60 sec, 12/24VDC, DPDT 2Amp contact</td>
<td>PUSH TO EXIT</td>
</tr>
<tr>
<td>423P</td>
<td>413PN</td>
<td>Integrated pneumatic timer, adj. 1-180 sec. 12/24VDC, SPDT 3Amp contact</td>
<td>PUSH TO EXIT non-illuminated</td>
</tr>
<tr>
<td>424</td>
<td>414N</td>
<td>Momentary DPDT</td>
<td>PUSH TO EXIT</td>
</tr>
<tr>
<td>425</td>
<td>415N</td>
<td>AA (On/Off) DPDT</td>
<td>NONE</td>
</tr>
</tbody>
</table>

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Contact</th>
<th>SPDT/DPDT, 5 Amp @ 30VDC Resistive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timer</td>
<td>DPDT 2 Amp @ 12/24VDC</td>
</tr>
<tr>
<td>Wire Leads</td>
<td>6&quot;, 20 Gauge</td>
</tr>
<tr>
<td>1 Gang</td>
<td>2 7/8&quot; x 4 1/2&quot; x 20 Ga.</td>
</tr>
<tr>
<td>Narrow</td>
<td>1 3/4&quot; x 4 1/2&quot; x 20 Ga.</td>
</tr>
</tbody>
</table>

HOW TO ORDER

1 | SPECIFY MODEL

1 Gang: 2" Button, Green Illuminated Button
Narrow: 1¾"x1" Button, Green Illuminated Button

2 | SPECIFY FINISHES

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

3 | SPECIFY OPTIONS

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

2" Button - Blue Illuminated button only

<table>
<thead>
<tr>
<th>422A</th>
<th>Momentary SPDT</th>
</tr>
</thead>
<tbody>
<tr>
<td>423A</td>
<td>Integrated electronic timer, adj. 1-60 sec, 12/24VDC, DPDT 2Amp contact</td>
</tr>
</tbody>
</table>
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.

**430 SERIES MUSHROOM EXIT SWITCH**

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.

**HOW TO ORDER**

1) SPECIFY MODEL

1.5” Mushroom, Green Button Standard

<table>
<thead>
<tr>
<th>1 Gang</th>
<th>Narrow</th>
<th>2 Gang Contact</th>
<th>Sign</th>
</tr>
</thead>
<tbody>
<tr>
<td>431C</td>
<td>431CN</td>
<td>AA (On/Off) NC SPST</td>
<td>None</td>
</tr>
<tr>
<td>431O</td>
<td>431ON</td>
<td>AA (On/Off) NO SPST</td>
<td>None</td>
</tr>
<tr>
<td>432C</td>
<td>432CN</td>
<td>Momentary NC SPST</td>
<td>EXIT</td>
</tr>
<tr>
<td>432O</td>
<td>432ON</td>
<td>Momentary NO SPST</td>
<td>EXIT</td>
</tr>
</tbody>
</table>

2) SPECIFY FINISHES

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

3) SPECIFY OPTIONS

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

**SPECIFICATIONS**

- **Contact**: 6 Amp @ 30VDC
- **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.
**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).

**MODELS**

- **451V** 1 Gang Exit Switch AA (On/Off) SPDT
- **451NV** Narrow Exit Switch AA (On/Off) SPDT
- **452V** 1 Gang Exit Switch Momentary SPDT
- **452NV** Narrow Exit Switch Momentary SPDT
- **453PV** 1 Gang Exit Switch Integrated Pneumatic Timer
  - Adj. 1-180 sec. DPST contact
- **453PNV** Narrow Exit Switch Integrated Pneumatic Timer
  - Adj. 1-180 sec. DPST contact

**FEATURES**

- 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. 1-30 seconds or toggle on/off

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.

**MODELS**

- **463U** 1 Gang Exit Switch
- **463NU** Narrow Exit Switch

**SPECIFICATIONS**

| Button | Round Dull Stainless Steel button, 1/2” |
| 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” |
| Narrow | 1 3/4” x 4 1/2” x 1/4” |

**HOW TO ORDER**

1| SPECIFY MODEL

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** **453PNV** Integrated Pneumatic Timer None
  - Adj. 1-180 sec. DPST contact

**SPECIFICATIONS**

| Input Voltage | 12/24VDC |
| Current | LED On: Idle-60mA, Active-120mA, LED Off: Idle-10mA, Active-60mA |
| Outputs | SPDT 3 Amp @ 30VDC |
| Relay Life Expectancy | 100,000 cycles @ 3A 30VDC |
| Operating Temp | 200,000 cycles @ 1A 30VDC |
| 1 Gang | -40° F to +180° F |
| Narrow | 4.5” H x 2.75” W x 1.25” D |

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

1 Gang Narrow Contact Sign

**463U** **463NU** Integrated 1-30 Sec Timer, PUSH TO EXIT / SPDT 3A contact EXIT
**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 looks/strikes, magnetic looks, 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”
- **Weight**: 3 oz.
- **Dimensions**: 4.5” x 2.75” x 1.375”

**HOW TO ORDER**

1| SPECIFY MODEL

**474U Exit Switch**

---

**CODE COMPLIANT MANUAL RELEASING SWITCH**

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

**HOW TO ORDER**

1| SPECIFY MODEL

**423M 413MN Exit Switches**

- **Contact**: Integrated electronic timer, fixed 30 sec timer, 12/24VDC, DPDT 5Amp contact Resistive
- **Sign**: PUSH TO EXIT

2| SPECIFY FINISHES

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

3| SPECIFY OPTIONS

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

**SPECIFICATIONS**

- **Contact**: Momentary, DPDT 5 Amp @ 30VDC Resistive
- **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.
EMERGENCY BREAK GLASS STATION

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

The SDC 491 is specifically designed for emergency door release and may influence the approval of an electric locking system. This type of Emergency Door Release may be preferred over a pull station since greater commitment is required to break the glass.

MODELS

491 Emergency Door Release - 2 Replacement Glasses
491-GL4 Door Release - 4 Replacement Glasses
491-BB Blue Back Box

HOW TO ORDER

1 | SPECIFY MODEL
491 Break glass emergency door release with siren 3V-28VDC, 18mA (2 replacement glass pieces included)
491-GL4 Four replacement glass plates
491-BB Blue surface mount back box

EMERGENCY PULL STATION

The SDC 492 Emergency Door Release Pull Station provides immediate unlocking of perimeter doors or interior doors that are equipped with fail-safe electric locks. The 492’s built in alarm may be used as a local door annunciator.

The SDC 492 is specifically designed for emergency door release and may influence the approval of an electric locking system.

MODELS

492 Pull station emergency door release with siren
492-GL4 Four replacement glass rods
492-BB Blue surface mount back box

HOW TO ORDER

1 | SPECIFY MODEL
492 Pull station emergency door release with siren 3V-28VDC, 18mA
492-GL4 Four replacement glass rods
492-BB Blue surface mount back box
For a common single bathroom shared by two patient rooms or dormitory rooms, the CB400A controls provide 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.

### MODELS

- CB401A
- CB401B
- CB402A
- CB402B

### SPECIFICATIONS

- Contact: SPDT 5 Amp @ 30VDC
- Wire Leads: 6", 20 Gauge
- 1 Gang: 2 7/8" x 4 1/2" x 20 Ga.

### COMMUNICATING BATHROOM SYSTEM CONTROLS

**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.

**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 CB402B 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.

### HOW TO ORDER

**1| SPECIFY MODEL**

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-UR-1 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 CB402B 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 – UR-1 Power Supply
- MC-4 - 2 each optional
COMMUNICATING BATHROOM
EMLOCK® SYSTEM

APPLICATIONS
Single hospital bathroom
shared by two patient rooms.

SYSTEM OPERATION
Both doors must be closed to lock.
Activating CB401A (B) locks both doors.
Activating CB401A (B) again unlocks both doors.
When doors are locked, activating either CB401B (C) emergency
release will unlock both doors.
Both doors will unlock automatically via signal from fire panel.

SYSTEM COMPONENTS
(A) Fail Safe locks with door position switch. Example: 1511-DPS
(B) CB401A System activation push switch.
(C) CB401B Emergency release push switch to be mounted above each door.
   CB701B key switch optional.
(D) 631RFxUR1 Power Supply with Fire Panel Tie-In.

COMMUNICATING BATHROOM
SELECTRIC® OR ELECTRA® SYSTEM

APPLICATION
Single hospital bathroom shared by two patient rooms.

SYSTEM OPERATION
Both doors must be closed to lock.
Activating CB402A (B) locks both doors.
When doors are locked, turning either inside
door lever unlocks both doors.
When doors are locked, activating either
CB402B (C) emergency release will unlock both doors.
Both doors will unlock automatically via
signal from fire panel.

SYSTEM COMPONENTS
(A) Fail Safe locks with door position switch or REX. Examples: 7850-RD or 7250
(B) CB402A System activation push switch.
(C) CB402B Emergency release push switch to be mounted above each door.
   CB702B key switch optional.
(D) PTH-4-DPS
(E) 631RFxUR1 Power Supply with Fire Panel Tie-In.
**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.

**MODELS**
- **10TD** Mini Timer Module, Adjustable 1 - 60 seconds

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Input</th>
<th>12/24 VDC / VAC @ 50 mA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trigger Input</td>
<td>N.O. Dry</td>
</tr>
<tr>
<td>Contact</td>
<td>SPDT Dry, 2 Amps @ 30VDC</td>
</tr>
<tr>
<td>Wire Leads</td>
<td>6&quot;, 20 Gauge</td>
</tr>
<tr>
<td>Size</td>
<td>3/4&quot; x 1-1/2&quot; x 2-1/4&quot;</td>
</tr>
</tbody>
</table>

**PIR EGRESS SENSOR**

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.

**MODELS**
- **MD-31DW** White PIR Egress Sensor
- **MD-31DB** Black PIR Egress Sensor

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Input</th>
<th>12 or 24 VAC/DC @ 26mA max</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact</td>
<td>2 SPDT Dry, 2 Amp @ 30VDC</td>
</tr>
<tr>
<td>Operating Temp</td>
<td>-20° F to 120° F</td>
</tr>
<tr>
<td>Dimensions</td>
<td>1.5&quot; H x 6.25&quot; W x 1.5&quot; D</td>
</tr>
</tbody>
</table>

UL listed 294
Access Control System Units