



15-2



15-1 15-3 15-2-3



DTMO-1 DTMA-1



DTMO-2 DTMA-2  
DTMOMA-2



491



492



3625-0324-107



### Desk Top Controls

#### Under Desk Top Mounting

The SDC 15 series switch controls are mounted on the underside of a desk for remote door control. They may be connected to the REX input of an access control or to the trigger input of a time delay relay to allow timed access and egress. The 15-2-3 is equipped with one momentary switch to provide momentary access and a toggle switch for sustained bypass.

- 15-1** On-off push switch, 6 Amp
- 15-2** Momentary push switch, 10 Amp
- 15-3** On-off toggle switch, 6 Amp
- 15-2-3** On-off toggle switch and momentary push switch, 6 Amp
- Contact:** SPDT, 6 Amps @ 30VDC
- Dimensions:** **15-2**  
1"H x 2.25"W x 2.5"D (25.4 x 57.2 x 63.5mm)  
**15-1 / 15-3 / 15-2-3**  
1.125"H x 3.125"W x 1.5"D (28.6 x 79.4 x 38.1mm)

#### Mini Desk Top Console

The SDC DT series consoles have a clean look for desktop applications. The heavy duty momentary push switches may be connected to the REX input of an access control or trigger input of a time delay relay. The maintained switch station may be wired to provide sustained bypass (unlock). When connected to a door status switch (DPS) or magnetic bond sensor (BAS), the bi-color LED can provide status indication of the door and/or locking device.

- DTMO-1** One Momentary station and one LED
- DTMO-2** Two Momentary stations and two LEDs
- DTMA-2** Two Maintained stations and two LEDs
- DTMOMA-2** One Momentary station and 1 maintained station and two LEDs
- Contact:** SPDT, 5 Amps @ 30VDC
- Dimensions:** 4.125"W x 3.125"H x 6.25"D (79.4 x 104.8 x 158.8mm)
- LED:** One, tri-color LED. Illuminates red, or green or amber
- Finish:** Gloss Beige
- Material:** 0.0936" (2.286mm) aluminum
- Power:** 24VDC @ 0.02 Amp required for each LED

### Emergency Door Release

The SDC 490 Series Emergency Door Release is ideal for immediate unlocking of doors that are equipped with failsafe electric locks and may influence approval of an electric lock system. The built in alarm may be used as a local door annunciator.

#### 491 Features:

- Alarm
- 2-SPDT 10 Amp contacts
- Remote monitoring
- CCTV activation, or alarm activation
- Single gang box mounted
- Two replacement glass plates included

**491** Break glass emergency door release  
3V-28VDC, 18mA with siren (blue)

**491-GL4** Four replacement glass plates

**491-BB** Surface mount back box (blue)

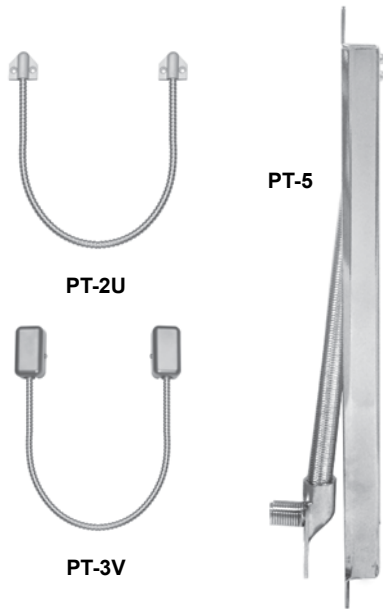
#### 492 Features:

- Alarm
- 2-SPDT 10 Amp contacts
- Blue housing with easy read activation instructions
- Release of one or all doors on same circuit
- Single gang box mounted

**492** Pull station emergency door release  
3V-28VDC, 18mA with siren (blue)

**492-GL4** Four replacement glass rods

**492-BB** Surface mount back box (blue)



### Power Transfer Devices

18" (447mm) stainless steel armored flex conduit with small plastic end caps or termination box. Recommended for use with hollow metal and aluminum frames.

**PT-2U** With black end caps

**PT-3V** With aluminum wire termination box

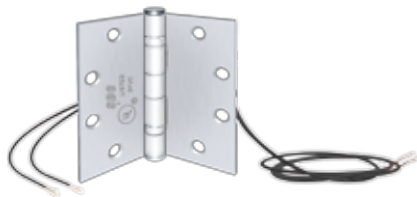
#### PT-5 Concealed Mortise Mount Power Transfer Loop

Frame mortised steel dust box with flexible steel loop and chrome finish. Recommended for use with hollow metal frames. UL Listed

**Dimensions:** 11.5"H x 1"W x 0.75"D (292 x 25.4 x 19mm)



### Electric Power Transfer Hinges



PTH

10B Listed For  
3 Hrs Fire Rated Doors

#### Features

- 4.5' Ft Cable
- UL10B Listed for 3 Hour Fire Rated Doors.
- Wire Replacement Warranty

#### Power Transfer Hinge Application

Installed in the center hinge position of the door, PTH Power Transfer Hinges provide the concealed wires required to transfer power from the frame to electric hardware in the door for control and monitoring capability.

**PTH-4Q** Four (4) Conductor Power Transfer Hinge  
1 Amp @ 12/24V per pair  
4.5" x 4.5" standard weight, 626 Dull Chrome

**PTH-4Q-DPS** Four (4) Conductor Power Transfer Hinge with Door Status Contact  
1 Amp @ 12/24V per pair  
Door Status Contact: 250 mA @ 30VDC  
4.5" x 4.5" standard weight, 626 Dull Chrome

**PTH-10Q** Ten (10) Conductor Power Transfer Hinge  
1 Amp @ 12/24V per pair  
4.5" x 4.5" standard weight, 626 Dull Chrome

**PTH-10Q-DPS** Ten (10) Conductor Power Transfer Hinge with Door Status Contact  
1 Amp @ 12/24V per pair  
Door Status Contact: 250 mA @ 30VDC  
4.5" x 4.5" standard weight, 626 Dull Chrome

#### FOR VON DUPRIN EL 33 AND 99 SERIES EXIT DEVICES AND OTHER HIGH INRUSH DEVICES

The PTH-2-4 hinges have been tested with Von Duprin\* EL devices and Von Duprin power booster at Underwriters Laboratories.

**PTH-2-4Q** 16 Amp Inrush, 6 conductor power transfer hinge  
1-pair 16 Amp inrush, 4 Amp continuous; 2-pair 1 Amp @ 12/24V  
4.5" x 4.5" standard weight, 626 Dull Chrome

**PTH-2-4QDPS** 16 Amp Inrush, 6 conductor power transfer hinge, with door status contact  
1-pair 16 Amp inrush, 4 Amp continuous; 2-pair 1 Amp @ 12/24V  
Concealed Door Position Contact, 250 mA @ 30VDC  
4.5" x 4.5" standard weight, 626 Dull Chrome



400U-L2  
400U-LT2



400-SN  
400-RMB

### Audible and Visual Annunciators

Stainless steel single gang or narrow frame mount annunciator assemblies. Dual voltage 12/24VDC.

- 400U-L2** One red and one green LED, 1 gang
- 400U-LT1** One tri-color LED, illuminates red, green and yellow, 1 gang
- 400U-LT2** Two tri-color LED's, illuminates red, green and yellow, 1 gang
- 400U-RMB** Buzzer, 1 gang, specify 12VDC or 24VDC
- 400NU-RMB** Buzzer, narrow 1.75 " wide, specify 12VDC or 24VDC
- 400U-SN** 85 dB siren, 1 gang 3-8VDC, 18mA
- 400NU-SN** 85 dB siren, narrow 1.75 " wide 3-28VDC, 18mA



CB401-AU  
CB402-AU



CB401-B  
CB402-B

### Communicating Bathroom Systems 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

**CB401-AU** The CB401-AU 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.

**CB401-B** The CB401-B 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 system requirements:** Two SDC EMLocks 1581-DPS 650lbs holding force or 1571-DPS 1200lbs holding force; 631RF CR access control power supply with fire alarm release input.

#### For communicating bathroom systems with Hi/Tower® electrified locksets

**CB402-AU** The CB402-A 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.

**CB402-B** CB402-B 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 system requirements:** Two SDC HiTower® locksets Z7250-REX or Z7850-DS ; 631RF LR access control power supply with fire alarm release input. Power transfer hinge loop required with Z7850-DS and Z7250-REX.



10TD



14-2

### Timers

#### 10TD Mini Timer

The SDC 10TD is a field adjustable 1-60 second miniature time delay relay designed for timed unlocking of electric locks. The 10TD Mini Timer is small enough to fit in a single gang box or inside the door frame.

- Contact:** SPDT dry, 2 Amps @ 30VDC
- Voltage:** 12/24V AC/DC @ 50mA
- Trigger Input:** N.O. (normally open)
- Dimensions:** 2.25"H x 1.5"W x 0.75"D (57.2 x 38.1 x 19.1mm)

#### 14-2 Seven Day, Skip-A-Day Timer

The SDC 14-2 is a compact, field programmable, 7 day skip-a-day timer module recommended for automatic timed locking and unlocking of one door or all doors on the same circuit. The timer may be programmed to skip unlocking on selected days or weekends. The timer may also be installed in a power supply

- Contact:** SPDT dry, 16 Amps @ 30VDC
- Voltage:** 12V AC/DC or 24V AC/DC please specify
- Dimensions:** 2.375"H x 2.375"W x 1.25"D (60.3 x 60.3 x 32mm)



510



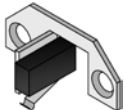
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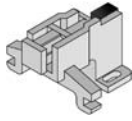
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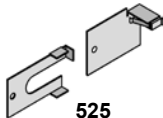
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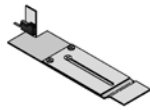
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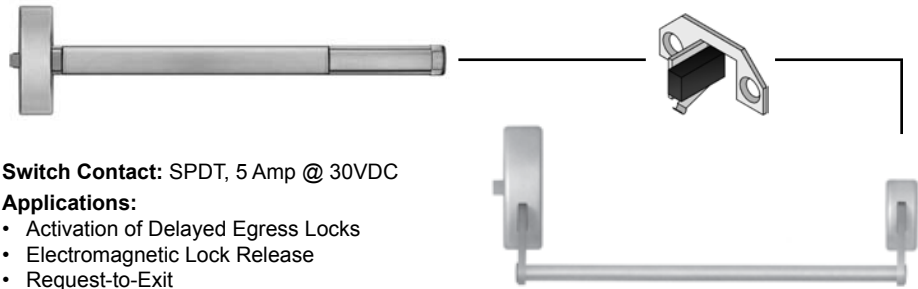
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527

### 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.



**Switch Contact:** SPDT, 5 Amp @ 30VDC

**Applications:**

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

**Model**

**Make & Model to be Modified**

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

### Request-to-Exit PIR Sensor



MD31D-W



MD31D-B

The SDC MD31D passive infrared detector is specifically designed for request-to-exit applications. It has an adjustable 1-60 second time delay. 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 may be mounted to the frame header, wall or ceiling. Complies with NFPA applications.

**MD31D-W**

PIR motion detector, white

**MD31D-B**

PIR motion detector, black

**Input:**

12 or 24VDC/VAC @ 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 x 148.8 x 38.1mm)

## Latch and Deadbolt Monitoring Strikes

### Applications:

- Delayed Egress lock activation
- Latchbolt status
- Deadbolt status
- Alarm shunt
- Alarm activation
- Mantrap communication
- Common bath door communication

### Features:

- Strong trigger mechanism (not vandal prone sheet metal)
- Fits standard ANSI 2.75" or 4.875" strike (provided by others)
- Cylindrical; non-handed
- Mortise; reversible handing
- Standard ANSI frame preparation
- Vandal resistant
- Wide gap alignment adjustment
- Horizontal alignment adjustment

### Compatible with:

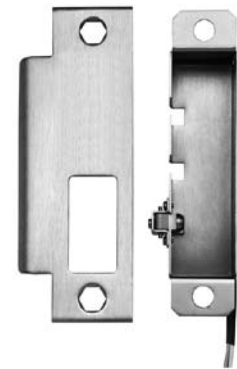
- Cylindrical locksets
- Mortise locksets
- Deadbolts
- Mortise locksets with deadbolts



MS-12



MS-14



MS-16



MS-18



MS-20

**MS-12** SPDT Cylindrical latch monitor 2-3/4"

**MS-12D** DPDT Cylindrical latch monitor 2-3/4"

**MS-14** SPDT Cylindrical latch monitor 4-7/8"

**MS-14D** DPDT Cylindrical latch monitor 4-7/8"

**MS-16** SPDT Mortise lock latch monitor

**MS-16D** DPDT Mortise lock latch monitor

**MS-18** SPDT Mortise lock deadbolt monitor

**MS-18D** DPDT Mortise lock deadbolt monitor

**MS-20\*** SPDT Mortise lock latch and deadbolt monitor

**MS-20D\*** DPDT Mortise lock latch and deadbolt monitor

**\*MS-20 and MS-20D are handed but reversible**

**Contact:** 5 Amps @ 12/24VDC

**Strike plate provided by others**

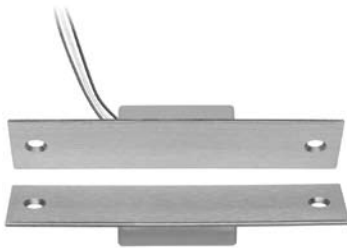


DPS-11

**DPS-11 Ball Switch**

The SDC DPS-11 ball switch is compatible with swinging or sliding doors. Recommended uses include communicated doors, mantraps, auto re-lock switches and high current applications.

- Contact:** SPDT, 5 Amps @ 30VDC
- Faceplate:** 2.75"H x 1.25"W x 0.125"D (69.85 x 31.75 x 3.18mm)
- Switch Depth:** 1.25" (31.75mm)
- Finish:** 628 Satin Aluminum



MC-4M

**MC-4M Concealed Magnetic Contact**

Designed for vandal resistance, the SDC MC-4M is installed in the mortise of a hollow metal or aluminum frame and wood, hollow metal or aluminum door.

- Contact:** SPDT, 100mA @ 30VDC
- Faceplate:** 4.875"H x 1.25"W x 0.125"D (123.83 x 31.75 x 3.18mm)
- Switch Depth:** 0.5" (12.7mm)
- Finish:** 628 Satin Aluminum

**MC-4 Magnetic Switch**

Ideal for door status monitoring, the SDC MC-4 is easily installed in hollow metal and aluminum doors and frames.

- Contact:** SPDT, 250mA @ 30VDC
- Door/Frame Preparation:** 0.75" diameter x 1" deep (19.1 x 25.4mm)
- Gap:** 0.5" (12.7mm)



MC-7

**MC-7 High Security Magnetic Switch**

Biased for high security door status monitoring, the MC-7 guards against false status indication caused by the presence of an additional magnet. Installed in hollow metal and aluminum doors and frames. Recommended for high security applications.

- Contact:** SPDT, 250mA @ 30VDC
- Door/Frame Preparation:** 1" diameter x 1" deep (25.4 x 25.4mm)
- Gap:** 0.5" (12.7mm)



MC-4