

15-2



15-1 15-3 15-2-3



DTMO-1 DTMA-1



DTMO-2 DTMA-2
DTMOMA-2

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



492

CSFM
3625-0324-107

UL LISTED

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)



10B Listed For
3 Hrs Fire Rated Doors

Fire Rated Electric Power Transfer Hinges

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

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

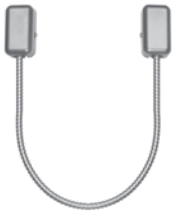
FOR VON DUPRIN EL 33 AND 99 SERIES EXIT DEVICES AND OTHER HIGH INRUSH DEVICES
The PTH-2-4 hinges have been tested with Von Duprin* EL devices and Von Duprin power booster at Underwriters Laboratories.

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



PT-2U



PT-3V



PT-5

Fire Rated Concealed Mortise Power Transfer

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)

10B Listed For
3 Hrs Fire Rated Doors

Power Transfer Loops

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



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, 12VDC or 24VDC

400NU-RMB Buzzer, narrow 1.75 " wide, 12VDC or 24VDC

400U-SN 85 dB siren, 1 gang 3-28VDC, 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



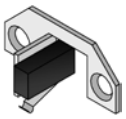
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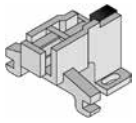
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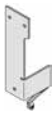
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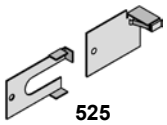
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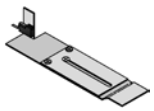
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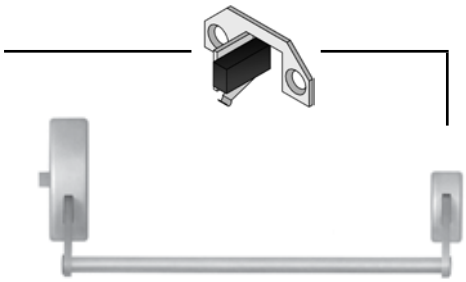


527

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
00510	Von Duprin 33, 35, 98, 99
00510-2	Von Duprin 33, 35, 98, 99 DPDT
00511	Von Duprin 55
00512	Von Duprin 88
00514	Dor-O-Matic 990, 1090, 1990, 2090
00515	Sargent 9300, 9400, 9500
00516	Sargent 9600, 9700, 9800, 9900
00517	Adams Rite 8300, 8400, 8700, 8800
00518	Precision Series 1100
00518A	Precision Apex Series (2100 - 2800)
00519	Jackson 1095
00519-2	Jackson 1095 DPDT
00520	Corbin 3000
00521	Corbin 7000
00525	Monarch 18 and 19
00525-2	Monarch 18 and 19
00526	Corbin ED8200
00527	Sargent 8800, Arrow S3800
00527-2	Sargent 80 DPDT
00528	Sargent 20/60 and Yale 2100
00531	Yale 7000 (Dogging mechanism required) Corbin 4000
00535	Kawneer Mid Panel Line Dor-O-Matic 1390
00536	Jackson 1295
00539	Cal Royal 9800
00540	Arrow
00542	Hager 4700
00590	Dor-O-Matic 1690



MD31D-W



MD31D-B

Request-to-Exit PIR Sensor

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 14º 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:	-20ºF to 120ºF (-29ºC to 49ºC)
Dimensions:	1.5"H x 6.25"W x 1.5"D (38.1 x 148.8 x 38.1mm)





MS-12



MS-14

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	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



MS-16



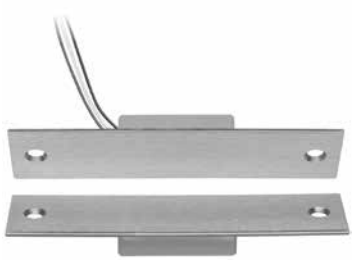
MS-18



MS-20



DPS-11



MC-4M



MC-4



MC-7

Door Status Contact

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 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, 50mA @ 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, 50mA @ 30VDC
Door/Frame Preparation: 0.75" diameter x 1" deep (19.1 x 25.4mm)
Gap: 0.5" (12.7mm)

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)

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