

ACCESS & EGRESS 2017 | 2018 SECURITY SOLUTIONS



The lock behind the system

SDCSecurity.com

800.413.8783

service@sdsecurity.com



ACCESS & EGRESS SECURITY SOLUTIONS

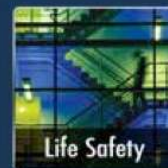
SDC is complete access and egress solutions: the lock behind the system. In today's connected world, we believe in using electrified mechanical locks to provide digital and electronic technology to create integrated access control solutions. With the convergence of mechanical hardware and electronic access control security, SDC innovates the practical application of electricity to door openings for security and fire & life safety. It's where we started over 45 years ago and it continues to be our singular focus today.



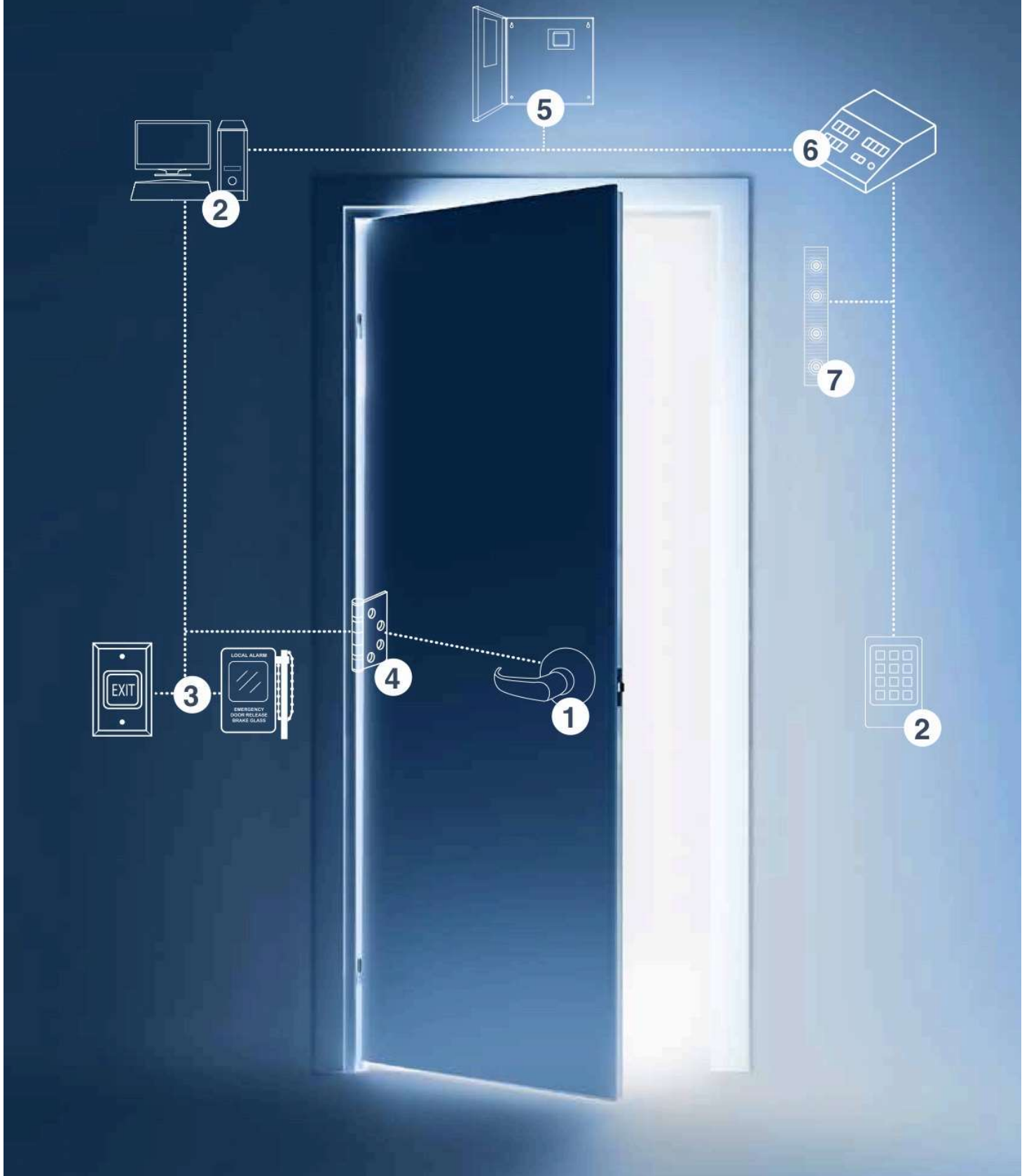
Our code-compliant, quality hardware products allow conventional locksmiths and security dealers a seamless transition into electronic access control security systems. Conversely, our low power PoE and IP-based components and access controls allow architects, integrators and IT professionals to integrate electrified mechanical hardware products into complete electronic system design solutions with ease.

In a nutshell, SDC is complete access and egress control backed by locking solutions.

We're the lock behind the system.



ACCESS & EGRESS SOLUTIONS

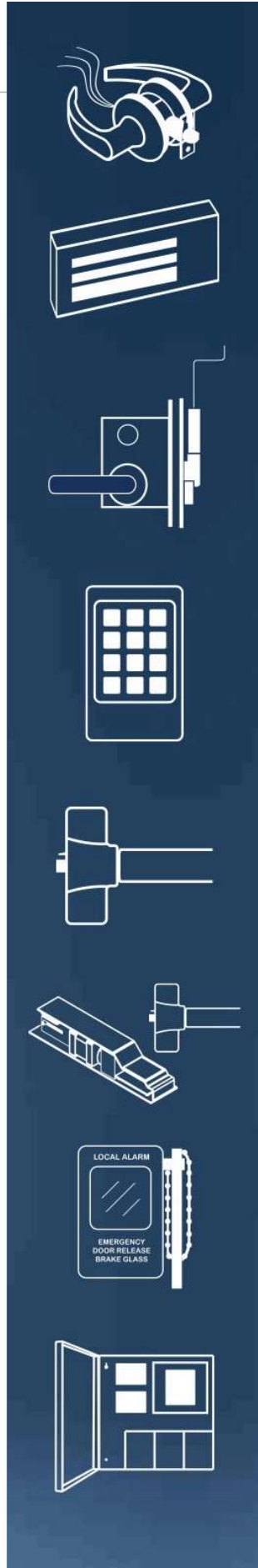


Contents

	Page
COMPONENT CONSIDERATIONS	6
Standalone	6
Network	7
1 LOCKING DEVICES	8
Electromagnetic Locks.	8
Delayed Egress Locks	38
Electric Strikes	58
Electrified Lockset	74
Exit Devices	94
Electric Bolt Locks	122
2 ACCESS CONTROLS	146
IP-based Access Control	146
Digital Keypads	153
Standalone Access Control	163
3 EGRESS CONTROLS	170
Egress Bars & Exit Device Switch Kits	170
Key & Exit Switches	178
ADA Compliant Solutions	200
Emergency Door Release	221
4 POWER TRANSFER DEVICES	228
Power Transfer Devices	228
5 POWER SUPPLY & DOOR CONTROLS	238
Power Supply & Door Controllers	238
Door Control Relay Modules	252
Monitoring and Sequencing	259
Access Control System WIRE GAUGE SIZE & DISTANCE CHART	262
Transformer and Plug-In DC Power Supplies	263
6 REMOTE CONTROLS	266
Door Controls & Annunciator Consoles	266
7 ANNUNCIATORS	274
Multi-Mode Annunciators	274
8 ACCESSORIES & MISC	286
Accessories	286
Systems Design Services	298
Solutions Corner	299
Security Door Controls Customer Service	306
Icon Index	307
Policies	308
Door Check List	312
INDEX of products	313



Look for this sign throughout for products that are available for fast shipment through our shipQUICK inventory



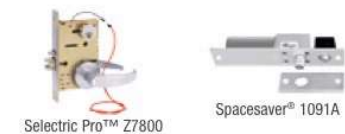
Complete Component Considerations

Standalone



1 Locking Device

- Electric Strike
- Delayed Egress Lock
- Electric Bolt Lock
- Electrified Lockset
- Exit Device
- Frame Actuator Lockset
- Magnetic Lock



2 Access Control

- Standalone or Network
- Keyswitch
 - Digital Keypad
 - Card Reader



3 Egress Device

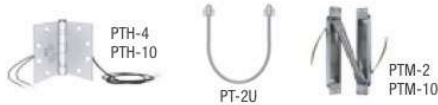
- Exit Switch
- PIR Egress Sensor
- Exit Sense Bar
- Emergency Door Release
- ADA Compliant Solutions



4 Power Transfer Devices

Required With Locksets & Exit Devices

- Electric Power Hinge
- Power Transfer Loop
- Concealed Power Transfer



5 Power Supply & Door Controller

- 12/24VDC, Class 2
- Fire release input
- System Status LED's
- Multiple Fused Outputs
- Multiple Relay Configurations
- Universal Programmable Controllers



PC Managed Network

6 Remote Controls



7 Annunciators



8 Accessories & Misc

- Magnetic Door Holder Release Device





Locking Devices

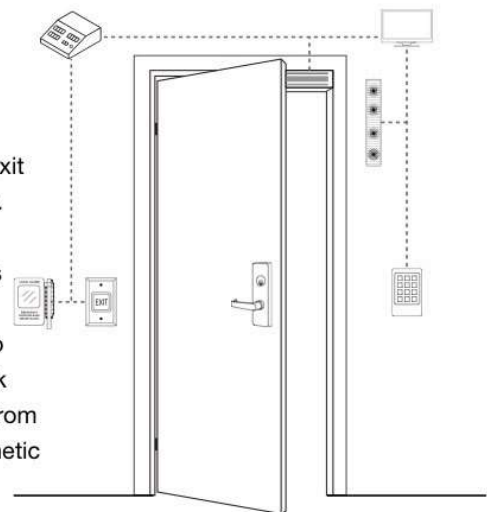


SDC's approach to effective Access and Egress Solutions for the control of door openings begins with wide-ranging product lines of Locking Devices, all designed to seamlessly integrate into virtually any door control application while meeting local, regional and national fire and life safety code requirements. From electromagnetic locks, delayed egress locks, electric strikes, electrified locksets, exit devices and electric bolt locks, there's an SDC Locking Device line designed, tested and proven to robustly perform in the most in the most demanding situations where code compliance, reliability and longevity is required.

Electromagnetic Locks

SDC's Electromagnetic Locks are suited for interior doors, perimeter exit doors and entrances that require failsafe emergency release capability.

Compatible with any access control system, **SDC** Magnetic door locks meet the demands of security professionals, and the most rigorous building and fire life safety codes in the world. With no moving parts to bind or wear out, the Security Door Controls electromagnetic door lock provides positive, instantaneous release, whether caused by a signal from the fire command center, remote control or access control. **SDC** magnetic locks are covered by a lifetime warranty, see price list for details.



1500 Series EMLock®



SDC's patented EMLock® design represents the pinnacle of magnetic lock evolution. The modular EMLock® assembly makes them easy to stock, install, upgrade and maintain.

SDC 1500 series EMLocks® include a lifetime warranty and are available in 650lbs, 1200lbs, and 1650lbs holding force. Compatible with any access control system, all EMLocks® are adaptable to virtually any application utilizing Top Jamb or Glass Door mounting kits. The epoxy-less design provides a superior appearance with a plated or anodized finish on all sides. The interlocking EZ mount assembly leaves hands free for wiring and securing of mounting screws. EMLocks® are UL Listed and ANSI Grade 1 compliant.

FEATURES

- Modular Design
- Modular Upgrade Kits
- Field Upgradeable without removing from the frame
- Uniform Design & Installation
- Identical Housing, Template & Accessories
- Quick Mount Assembly

STANDARD MOUNTING FASTENERS

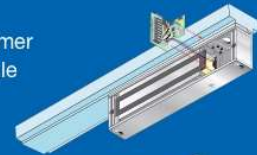
Self Drilling & Tapping Sheet Metal Screws and 10/32 Machine Screws supplied for different application needs. Blind nuts and Tool are optional.

UPGRADE MODULES INCLUDE:

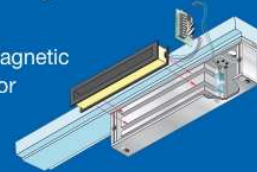
- Relock Delay Timer
- Magnetic Bond Sensor
- Door Status Sensors
- Anti-Tamper Switch
- Holding Force Upgrade
- Energy Saver Upgrade

NEW MODULAR KITS

EZ-T-10 Timer Input Module



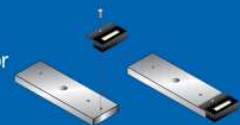
EZ-B-10 Magnetic Bond Sensor



EZ-A Anti-Tamper Switch



EZ-D-10 Door Position Sensor



For complete details contact SDC to request the Modular Upgrade Kit datasheet or download from the SDC website: SDCsecurity.com/modularkits



1510 SERIES GRADE 1
1650 LB / 748 KG HOLDING FORCE



1511

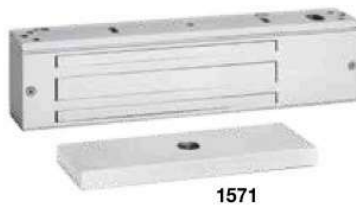


1512



1513

1570 SERIES GRADE 1
1200 LB / 544 KG HOLDING FORCE
3 WATTS ENERGY SAVER



1571

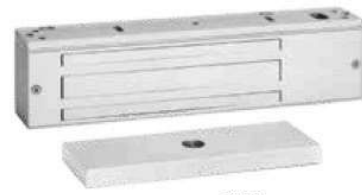


1572



1573

1580 SERIES GRADE 1
650 LB / 295 KG HOLDING FORCE



1581



1582

MODELS

<p> 1511 Single EMLock®</p> <p> 1512 Double EMLock®</p> <p>1513 Single, split armature for pair of doors</p>	<p> 1571 Single EMLock®</p> <p> 1572 Double EMLock®</p> <p>1573 Single, split armature for pair of doors</p>	<p> 1581 Single EMLock®</p> <p> 1582 Double EMLock®</p>
---	---	---

SPECIFICATIONS

Voltage	12/24VDC Voltage Sensing Input
Single	350mA @ 24VDC; 670mA @ 12VDC 11" L x 2-3/4" H x 1-9/16" D
Weight	11.1 lbs
Double	700mA @ 24VDC; 1.34A @ 12VDC 22" L x 2-3/4" H x 1-9/16" D
Weight	26.4 lbs

SPECIFICATIONS

Voltage	12/24VDC Voltage Sensing Input
Single	125mA @ 24VDC; 250mA @ 12VDC 11" L x 2-3/4" H x 1-9/16" D
Weight	11.1 lbs
Double	250mA @ 24VDC; 500mA @ 12VDC 22" L x 2-3/4" H x 1-9/16" D
Weight	26.4 lbs

SPECIFICATIONS

Voltage	12/24VDC Voltage Sensing Input
Single	220mA @ 24VDC; 440mA @ 12VDC 8-3/4" L x 2-1/8" H x -1/4" D
Weight	5 lbs
Double	440mA @ 24VDC; 880mA @ 12VDC 17-1/2" L x 2-1/8" H x 1-1/4" D
Weight	8 lbs

LISTINGS & PERFORMANCE SPECIFICATIONS

<p>UL Listed U.S. & Canada: GWXT Auxiliary Locks CVXJ Burglary Resistant Electrically Operate-Door Lock UL10C: Position Positive Pressure Compliant</p>	<p>UBC: Classified in accordance with Uniform Building Code standard 7-2 "Fire Test for Door Assemblies" ANSI/BHMA A156.23: Grade 1, one million cycles BHMA Certified</p>	<p>CSFM: California State Fire Marshal Listed 3774-0324:100 MEA: City of New York 61-95-E</p>
---	---	---

PRODUCT SKU SAMPLE: 1511 V D

HOW TO ORDER

1 | SPECIFY MODEL

1510 Series

1511 Single EMLock®

1512 Double EMLock®

1513 Single, split armature for pair of doors

1570 Series

1571 Single EMLock®

1572 Double EMLock®

1573 Single, split armature for pair of doors

1580 Series

1581 Single EMLock®

1582 Double EMLock®

2 | SPECIFY FINISH

Anodized Finishes

V Aluminum (standard)

Y Black anodized

Painted Finishes

C Brass powder coat

X Dark bronze powder coat

Plated Finishes (special order)

P Bright chrome

Q Dull chrome

3 | SPECIFY FACTORY INSTALLED OPTIONS

- D Door Position Sensor:** Indicates door open and door closed. (Not available with 1513 and 1573) SPDT Dry, 250 mA @ 30VDC.
- B Magnetic Bond Sensor:** Indicates locked and unlocked, low holding power, tampering and obstruction between armature and magnetic core. (Not available with 1513 and 1573)
- 1510 & 1570 Series: SPDT Dry, 250 mA @ 30VDC.
 - 1580 Series: SPST N.O., Dry, 250 mA @ 30VDC.
- A Anti-tamper Sensor:** Indicates access cover removal. SPDT Dry, 1 Amp @ 30VDC.
- L Bi-color Status LED Indicator:** Field selectable Red, Green, or Amber (requires additional wiring)
- Indicates lock energized when wired to lock input.
- Indicates de-energized/unlocked or "Enter/Go" when wired to optional timer module.
- Indicates energized and de-energized or "Enter/Go" when wired to access control auxiliary output.
- Indicates door is closed and locked and door is unlocked when wired to BA.
- T Adjustable Timer:** Built-in field adj. 0-30 sec. re-lock delay. Specify one for single or double EMLocks® (not available with 1580 series)

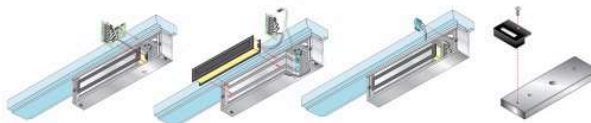
4 | SPECIFY BRACKETS AND FILLER PLATES (OPTIONAL)

See pages 12-15 for Models and Specifications

ACCESSORIES

FIELD INSTALLED OPTION KITS

Ordered separately for field upgrade. For complete details contact SDC to request more information on Modular Upgrade Kits.



EZ-T-10 Adjustable Timer Input

Module: Specify (1) for single or double EMLocks® (not available with 1580 series)

EZ-D-101510, 1570 Door Position

Sensor Module: Specify (2) for double EMLocks® (not available with 1513 and 1573)

EZ-D-801580 Door Position Sensor

Module: Specify (2) for double EMLocks®

EZ-B-101510, 1570 Magnetic Bond

Sensor Module: Specify (2) for double EMLocks® (Not available with 1513,1573)

EZ-B-801580 Magnetic Bond Sensor

Module: Specify (2) for double EMLocks®

EZ-A Anti-Tamper Switch Module:

Indicates cover plate removal.

EZ-1510W Holding Force Module:

Exchange a 1200lb wire coil (1570 series) with this 1650lb wire coil. Specify (2) for double EMLocks®

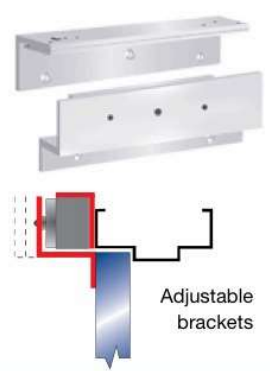
EZ-1570W Energy Saver Module:

Save on power supply and long term energy costs by exchanging 8.4 Watt, 1650lb coil with 3 Watt, 1200lb holding force coil. Specify (2) for double EMLocks®

ACCESSORIES

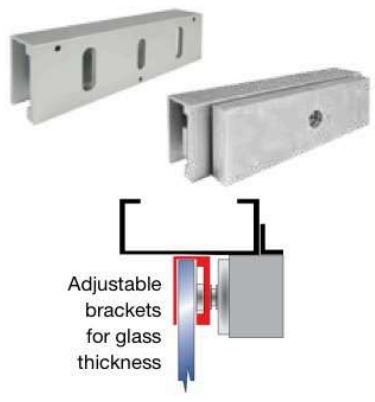
TOP JAMB MOUNTING BRACKETS

- MODELS**
- Kits for 1511, 1512, 1571, 1572
- TJ1** Single
 - TJ2** Double
- Kits for 1581, 1582
- TJ81** Single
 - TJ82** Double
- See below for available finishes



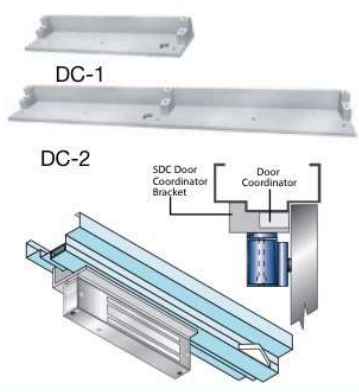
UNIVERSAL GLASS DOOR MOUNTING KIT

- MODELS**
- Kit for 1511, 1571, 1581
- HDB1** Single
- Kit for 1512, 1572, 1582
- HDB2** Double, 2 single kits
- See below for available finishes



DOOR COORDINATOR LOCK MOUNTING KIT

- MODELS**
- DC-1** Door coordinator mounting bracket for single models 1511 and 1571.
 - DC-2** Door coordinator mounting bracket for double models 1512 and 1572.



ARCHITECTURAL HOUSINGS

Specify housings with your EMLocks®. Example: 1511V-30; 1512V-60

FEATURES

- Full Width Housings** - appear as part of the frame to provide a superior architectural appearance.
Compatible with Models: 1511, 1512, 1571, 1572 with or without HDB kits or TJ brackets.
- Vertical Housings** - Side jamb mount, accommodates two 1571 or two 1511 locks, providing 2400 or 3300 lbs of holding force.

MODELS

Single Door Housing	Double Door Housing	Vertical Housing
30 30" Lock housing	60 60" Lock housing	V82 For 84" high opening
36 36" Lock housing	72 72" Lock housing	CV Custom length. Specify exact length
40 40" Lock housing	84 84" Lock housing	
48 48" Lock housing	96 96" Lock housing	
CH Custom length. Specify exact length	CH Custom length. Specify exact length	



ACCESSORIES

PRE-DRILLED & TAPPED HEADER BRACKET



APPLICATION

Used in lieu of angle brackets, the Universal Header Bracket provides a faster mounting solution, saving time and labor costs for several EmLock models. Reduce potential for mis-sized and misaligned mounting holes, broken taps, removal of broken taps. Combined with interlocking, E-Z mount assembly, save up to a half days labor with the installation of 12 locks.

FEATURES

- Solid 1" bar provides higher security and superior aesthetics.
- Machined wire chase provides concealed and secure wiring
- Multiple pre-drilled and tapped mounting holes to accommodate the use of several different locks on either 4" or 4.5" aluminum frames

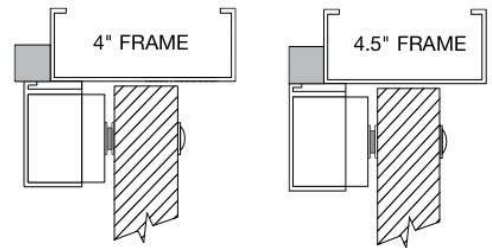
FINISH

- | | |
|----------------------------------|----------------------------|
| V 628 Aluminum (standard) | P 625 Bright Chrome |
| C 605 Bright Brass | Q 626 Dull Chrome |
| D 606 Dull Brass | X 313 Dark Bronze |
| | Y 335 Black |

MODELS

UB11 1" x 1" x 11" Universal Bracket for 1511, 1513, 1571, 1573, 1511S, 1511T, 1511DE, 1571DE

UB12 1" x 1" x 22". Universal Bracket for 1512 and 1572.



SPACER BRACKET FOR CONCRETE FILLED FRAMES & ALUMINUM FRAME WITH BLADE STOP

APPLICATION

Aluminum frames with blade stop - lowers EmLock below blade stop. Concrete filled hollow metal frames provides multiple points for concealed wire entry

FEATURES

- Pre-drilled and tapped specifically for 1511, 1571, 1581 EmLock
- Machined wire chase provides multiple points for concealed wire entry from concrete filled frames.
- 628 Aluminum Anodized



UF11V



UF81V

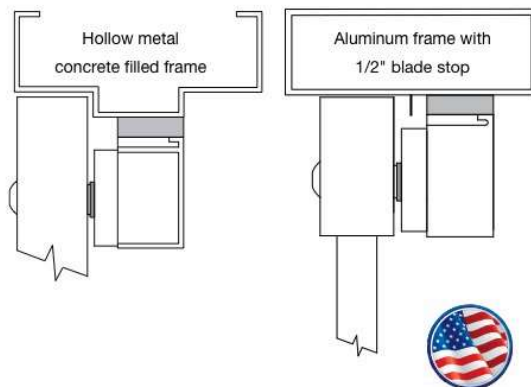
MODELS

UF11V 1/2" x 1-1/2" x 11". Spacer Bracket for 1511, 1513, 1571, 1573, 1511S, 1511DE, 1571DE.

UF12V 1/2" x 1-1/2" x 22". Spacer Bracket for 1512 and 1572.

UF81V 1/2" x 1-1/4" x 8-3/4". Spacer Bracket for 1581.

UF82V 1/2" x 1-1/4" x 17-1/2". Spacer Bracket for 1582.



ACCESSORIES

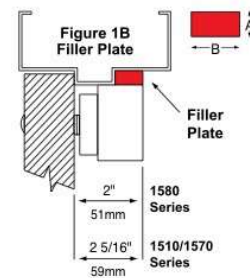
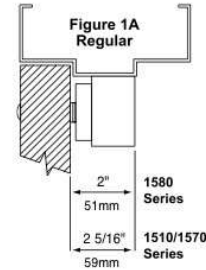
FILLER PLATES

APPLICATION

For extension of the stop to provide a proper mounting surface on the underside of the header See Figure 1B.



MODELS	
For 8-3/4" Single Emlock & Exit Check Models 1581, 1581DE	For 17-1/2" (445mm) Double Emlock Model 1582
PART # A x B	PART # A x B
FP01 1/8" x 1-1/4"	FP30 1/8" x 1-1/4"
FP02 1/4" x 1-1/4"	FP31 1/4" x 1-1/4"
FP03 3/8" x 1-1/4"	FP32 3/8" x 1-1/4"
FP04 1/2" x 1-1/4"	FP33 1/2" x 1-1/4"
FP05 5/8" x 1-1/4"	FP34 5/8" x 1-1/4"
For 10"-11" Single Emlock & Exit Check Models 1511, 1513, 1571, 1573, 1511S, 1511T, 1511DEV, 1571DEV	For 22" (559mm) Double Emlock Models 1512 / 1572
PART # A x B	PART # A x B
FP11 1/8" x 1-1/4"	FP21 1/8" x 1-1/4"
FP12 1/4" x 1-1/4"	FP22 1/4" x 1-1/4"
FP13 3/8" x 1-1/4"	FP23 3/8" x 1-1/4"
FP14 1/2" x 1-1/4"	FP24 1/2" x 1-1/4"
FP15 5/8" x 1-1/4"	FP25 5/8" x 1-1/4"



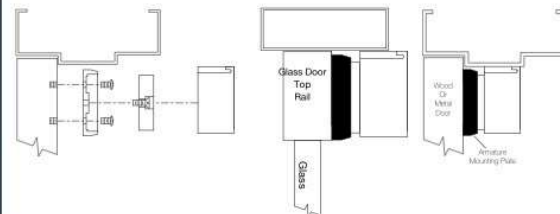
ARMATURE MOUNTING PLATE

APPLICATION

The AR Mounting plate provides a solution for mounting the EMLock® armature to the top rail of herculite, aluminum and glass, wood and hollow metal doors that do not permit the use of thru bolts.



MODELS	
AR11Y	Armature mounting plate for 1511, 1571 335 Black Anodized (Specify two for models 1512, 1572)
AR11YD	Armature mounting plate with DPS for 1511, 1571 . 335 Black Anodized (Specify two for models 1512, 1572)



ACCESSORIES

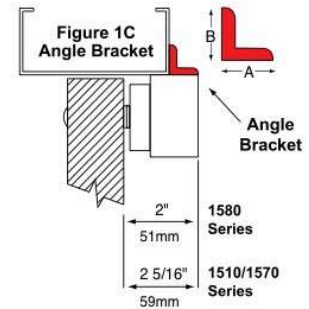
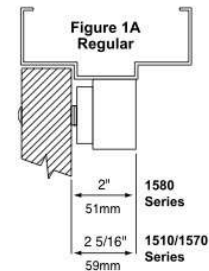
ANGLE BRACKETS

APPLICATION

Used as extension on shallow door frames to provide adequate mounting surface. See Figure 1C.

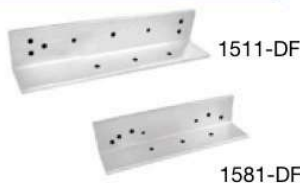


MODELS	
For 8-3/4" Single Emlock & Exit Check Models 1581, 1581DEV	For 17-1/2" (445mm) Double Emlock Model 1582
PART # A x B	PART # A x B
AB01 1" x 1"	AB30 1" x 1"
AB02 1" x 1-1/2"	AB31 1" x 1-1/2"
AB03 1-1/2" x 1-1/2"	AB32 1-1/2" x 1-1/2"
AB04 2" x 1-1/2"	AB33 2" x 1-1/2"
For 10"-11" Single Emlock & Exit Check Models 1511, 1513, 1571, 1573, 1511S, 1511T, 1511DEV, 1571DEV	For 22" (559mm) Double Emlock Models 1512 / 1572
PART # A x B	PART # A x B
AB11 1" x 1"	AB21 1" x 1"
AB12 1" x 1-1/2"	AB22 1" x 1-1/2"
AB13 1-1/2" x 1-1/2"	AB23 1-1/2" x 1-1/2"
AB14 2" x 1-1/2"	AB24 2" x 1-1/2"



REUSABLE HEAVY DUTY DRILL FIXTURE

MODELS
1511-DF Heavy duty drill fixture for 1571 and 1511
1581-DF Heavy duty drill fixture for 1580

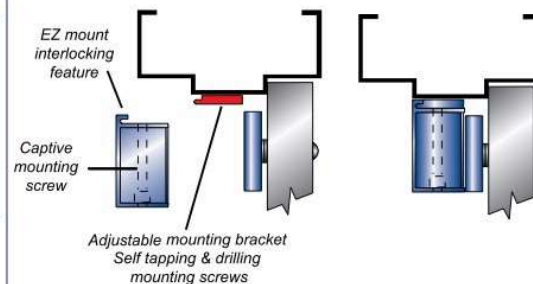


BLIND NUT PLACEMENT TOOL

MODELS
BN-PT Blind Nut Placement Tool
BN-50 Blind Nuts, 10/32, 50 Pack

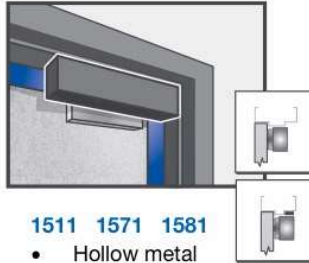


INTERLOCKING QUICK MOUNT ASSEMBLY

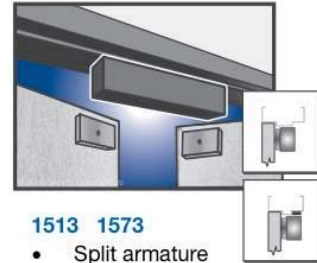


 TYPICAL DOOR APPLICATIONS
**1511 1571 1581**

- AB Angle bracket
- Aluminum frame
- Aluminum & glass door
- Push side mounting

**1511 1571 1581**

- Hollow metal frame
- Wood/hollow metal door
- Push side mounting

**1513 1573**

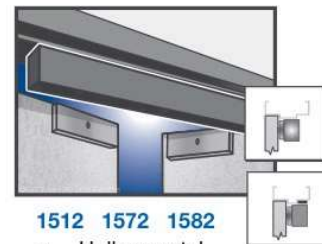
- Split armature
- Hollow metal frame
- Wood or hollow metal doors
- Push side mounting

**1511-HDB1 1571-HDB1
1581-HDB1**

- Glass door mounting kit
- AB series angle brackets
- Metal or aluminum frame
- Glass door w/o top rail
- Push side mounting

**1511-TJ1 1571-TJ1
1581-TJ81**

- Top jamb mounting kit
- Hollow metal frame
- Wood or hollow metal door
- Pull side mounting

**1512 1572 1582**

- Hollow metal frame
- Wood or hollow metal doors
- Push side mounting

**1511-(36) 1571-(36)**

- Full width architectural housing
- Specify length (30", 36", 40", 48")
- Aluminum frame
- Aluminum & glass door
- Push side mounting

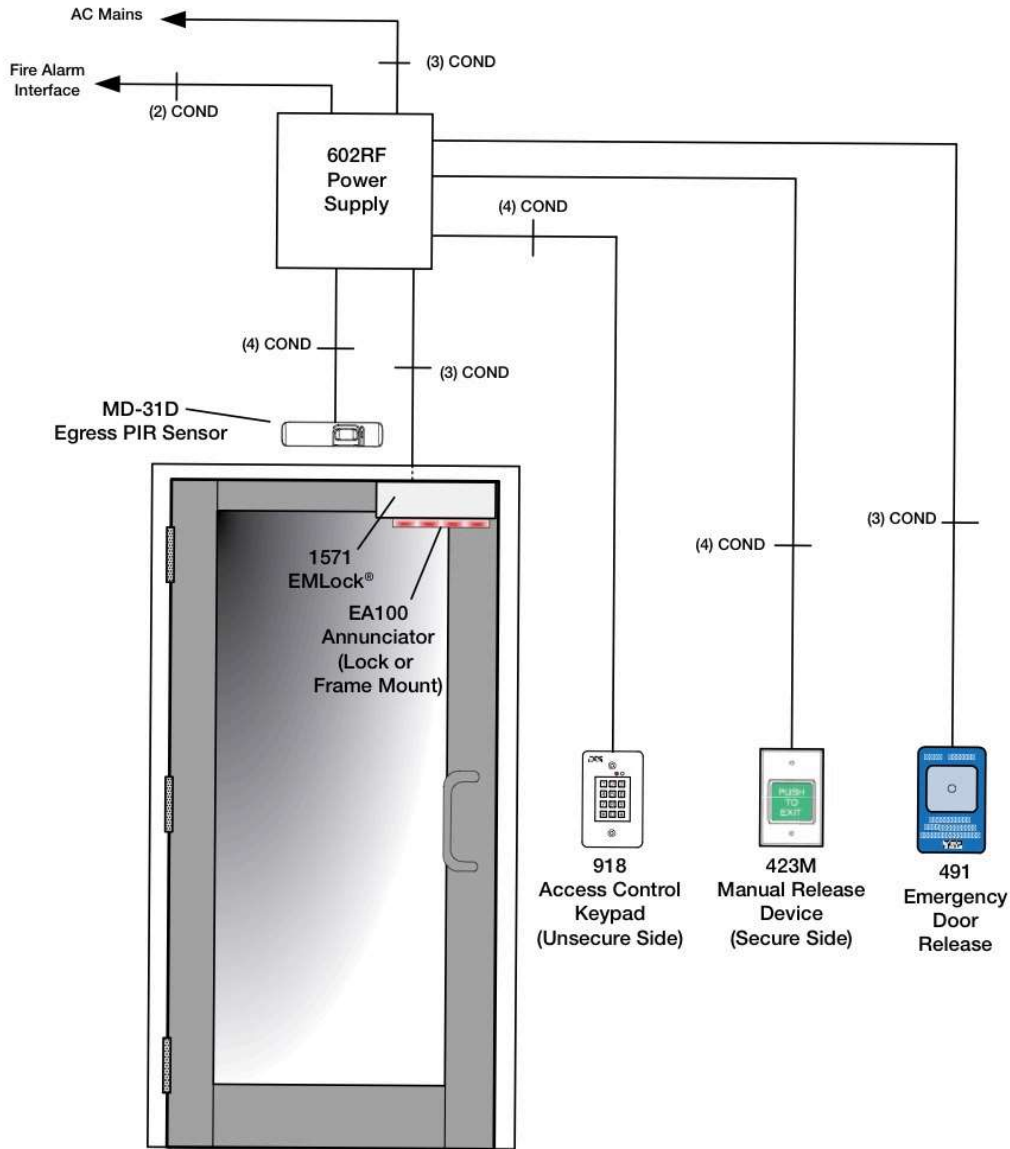
**1512 1572 1582**

- AB Angle bracket
- Aluminum frame
- Aluminum & glass doors
- Push side mounting

**1512-HDB2 1572-HDB2
1582-HDB2**

- HDB Glass door mounting kit
- AB series angle bracket
- Metal or aluminum frame
- Glass door without top rail
- Push side mounting

COMPONENT CONSIDERATIONS



918 Access Control Keypad
see page 153



423M Manual Release Button Switch
see page 181



491 Emergency Breakglass Door Release
see page 221



EA100 Visual Exit Annunciator
see page 277



MD-31D PIR Egress Sensor
see page 293

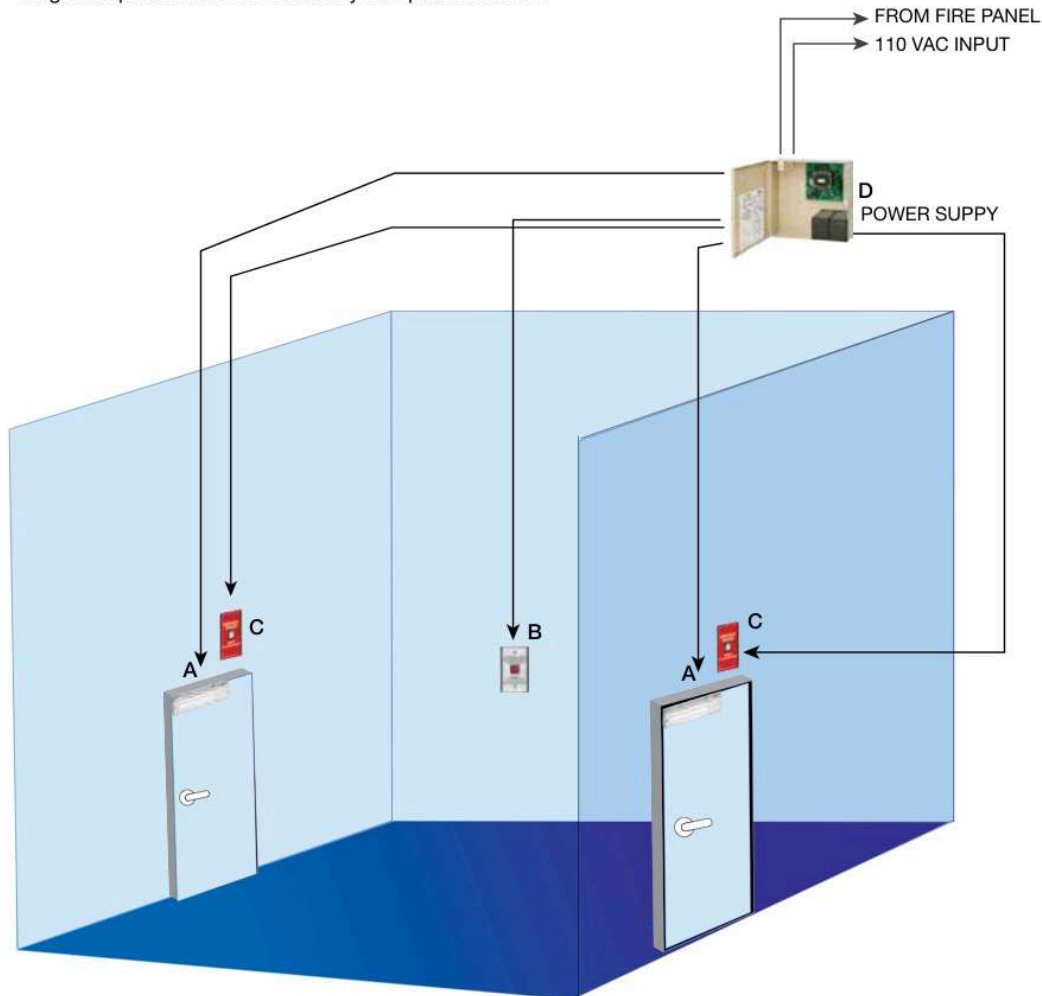


602RF 1 Amp, 12/24 VDC Class 2 Output Power Supply
see page 239



COMMUNICATING BATHROOM EMLOCKS®

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) **631RF-UR1** Power Supply with Fire Panel Tie-In and Communicating Bath Controller

350 Narrow Line Magnetic Lock

The 350 Narrow Line EmLock provides 1200 lbs holding force and failsafe access control for perimeter and interior doors that meets building security and fire life safety code requirements. The 350 series is specifically designed for high profile openings that require less obtrusive surface mount lock with architecturally superior appearance.



Unlike typical surface mount magnetic locks that project 3 to 3-1/2 inches into openings, the SDC 350 Narrow Line magnetic lock projects only 2-11/16 into the opening, enabling it to blend in exceptionally well with virtually any narrow frame. The SDC Narrow Line EmLock is the best solution available to maintain the architectural aesthetics high profile door entrances.

FEATURES

- 1200lbs holding force with Dual12/24VDC input
- Magnetic Bond Sensor and Door Status Sensor and LED Status indicator are standard, enabling distributors to stock one lock and eliminate need for special orders.
- Internal wire chamber with PC board mounted terminal blocks permits wiring before or after lock mounting
- Interlocking Quick Mount Bracket leaves hands free for fast, easy screw fastening and wiring
- Captive lock mounting screws provide additional convenience and speed. Interlocking bracket holds lock in place, leaving installers hands free, eliminating awkward simultaneous holding and fastening of lock.
- Armature housing prevents sagging, provides quieter operation and superior appearance
- Clear anodized aluminum standard
- ANSI/BHMA A156.23 Grade 1 compliant
- Retrofits existing Locknetics 350+ installation without replacing the original armature or additional modifications

MAGNETIC LOCK HEIGHT COMPARISON



350 EMLock

Conventional
Maglock

MODELS

350V Single Narrow Line Magnetic Lock, 628 Aluminum, Specify 2 for pair of doors with mullion Retrofits Locknetics MagForce 350+ & 350+/DSM/MBS/L1

352V Double Narrow Line Magnetic Lock, 628 Aluminum, For pair of doors without mullion Retrofits Locknetics MagForce 352+ & 352+/DSM/MBS/L2

All trademarks are property of their respective owners.

SDC SECURITY DOOR CONTROLS ■ WWW.SDCSECURITY.COM



APPLICATIONS

RETROFITS DISCONTINUED LOCKNETICS 350+

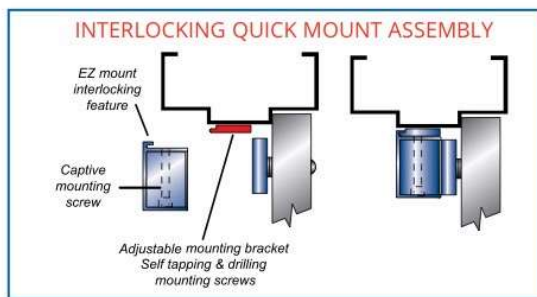
The 350 EmLock retrofits the discontinued Locknetics 350+ magnetic lock without modifications. Since the Locknetics manufacturing facility is now closed, the SDC 350 EmLock has been designed to utilize the same mounting template, physical dimensions and features. Plus, the SDC 350 EmLock includes additional features such as full monitoring and EmLock Quick Interlocking Quick Mount Bracket for faster installation.

NARROW LINE EMLOCK MODELS: 350 SINGLE / 352 DOUBLE

The 350 Electromagnetic Lock is compatible with single, inswinging or outswinging, hollow metal, aluminum and wood doors and frames and glass doors. The 352 Electromagnetic Lock is compatible with pairs of inswinging or outswinging, hollow metal, aluminum and wood doors and frames and glass doors without mullions.

FULL MONITORING STANDARD

Standard features include Magnetic Bond (locked) Status, Door Status Sensor, wire chamber and integrated PC board with wiring terminal block, dual 12/24VDC input designed to ensure trouble free interface with electronic access control systems, automatic door operators, peripheral equipment and fire life safety systems for emergency release.



350V SPECIFICATION

Holding Force	1200 lbs
Input Voltage	Dual 12/24 VDC
Current	309mA @ 24VDC / 560mA @ 12VDC
Dimensions	12-1/2"L x 2-1/8H x 1-11/16W (318 x 54 x 43mm)
Magnetic Bond Sensor	1-SPDT output, 1A @ 30VDC
Door Status Sensor	1-SPDT output, 250mA max. @ 30VDC
LED Indicator	Green-Secure, Red-Unlocked
Weight	8.3 lbs

352V SPECIFICATION

Holding Force	1200 lbs per door leaf
Input Voltage	Dual 12/24 VDC
Current	618mA @ 24VDC / 1020mA @ 12VDC
Dimensions	25"L x 2-1/8H x 1-11/16W (635 x 54 x 43mm)
Magnetic Bond Sensor	SPDT output, 1A @ 30VDC
Door Status Sensor	SPDT output, 250mA max. @ 30VDC
LED Indicator	Green-Secure, Red-Unlocked
Weight	18.45 lbs

ACCESSORIES

TOP JAMB MOUNTING BRACKETS

- TJ350** Single
- TJ352** Double

GLASS DOOR MOUNTING BRACKETS

- (Field Adjustable for 1/2", 5/8" and 3/4" all glass Herculite doors)
- HDB350** Single
 - HDB352** Double



Excel™ E1200

Excel™ Series Value Engineered Access Hardware

Economically priced alternative to low cost imports. Quality and flexibility for Commercial Applications. The Excel™ product line is designed for system integrators, distributors, installers and building owners presently using low cost import or private label brand access control hardware

MAGNETIC LOCKS

The Excel™ Architectural Series full featured magnetic locks are easier to install and provide superior, less obtrusive appearance compared to stainless steel epoxy sealed magnetic locks. Full monitoring is standard. The quick mount assembly reduces installation time compared to epoxy sealed magnetic locks.

The value priced Excel™ E6200 Commercial Series full featured magnetic lock is made of an epoxy sealed satin stainless steel housing and utilizes the same mounting template as major competitive brands. Full monitoring is standard. Recommended for interior doors or outdoor gate applications.



Excel™ E6200



Excel™ E600

MODELS

- E6200** Security Access Control, & Mantraps, Indoor/Outdoor, 1200 lb / 545 kg holding force
- E1200** Security Access Control & Mantraps, 1200 lb / 545 kg holding force
- E600** Traffic Control, Air-Locks & Communicating Bathrooms, 600 lb / 272 kg holding force





EXCEL™ E6200 MAGNETIC LOCK

APPLICATION

Security Access Control, & Mantraps, Indoor/Outdoor

1200 lb / 545 kg holding force magnetic lock for exterior, perimeter and interior door security and access control. Magnetic bond sensor and door status outputs are included for remote monitoring, mantraps and system application needs.

STANDARD FEATURES

- Retrofits Securitron M62 and Locknetics 70 locks
- Magnetic Bond Sensor indicates door locked with full holding power
- Door Status indicates door open or closed
- Epoxy sealed electronics, tamper resistant and weatherized for indoor and outdoor use
- Stainless steel machine screws and blind nuts
- 10 ft [3.05m] jacketed, stranded conductor cable
- Dual voltage 12/24VDC
- Architectural stainless steel housing, US32/630

SPECIFICATIONS

Mechanical

Holding Force: 1200 lbs / 545 kg

Housing Stainless steel epoxy filled, all internal components sealed and weatherized

Lock 8" L x 3" H x 1-49/64" D; (203L x 73.5H x 45.7D mm)

Armature 6" L x 13/16" H x 2-11/16" D; (152 L x 20.63 H x 68.26 D mm)

Electrical

Wiring 10 Ft [3.05 m] jacketed, stranded conductor cable for power input and status outputs

Circuitry Voltage and current spike protection and instant release anti-residual magnetism circuitry

Voltage 12/24VDC, field selectable

Current 250mA @ 12VDC; 125mA @ 24VDC

Magnetic Bond Sensor SPDT, 250 mA @ 30VDC

Door Status Contact SPDT, 250 mA @ 30VDC

Weight 12.0 lbs

22 All trademarks are property of their respective owners.





EXCEL™ E1200 MAGNETIC LOCK



APPLICATION

Security Access Control & Mantraps
 1200 lb / 545 kg holding force magnetic lock for perimeter and interior door security and access control. Door and lock status outputs included for remote monitoring, mantraps and system application needs.



STANDARD FEATURES

- Door status, lock status and Bi-color LED
- Interlocking quick mount assembly
- Adjustable mounting bracket with choice of self drilling and tapping mounting screws or machine screws
- Wire access chamber with terminal block
- Dual voltage 12/24VDC
- 628 Clear anodized aluminum



SPECIFICATIONS

Mechanical

Holding Force: 1200 lbs / 545 kg

Lock 10-1/2" L x 2-7/8" H x 1-5/8" D;
 (266 L x 73 H x 41 D mm)

Armature 7-5/16" L x 2-3/8" H x 5/8" D;
 (186 L x 61 H x 16 D mm)

Electrical

Circuitry & Wiring: PC board with voltage and current spike protection, instant release anti-residual magnetism circuit, terminal block for power input and status outputs

Circuitry Voltage and current spike protection and instant release anti-residual magnetism circuitry

Voltage 12/24VDC, field selectable

Current 500 mA @ 12VDC; 250 mA @ 24VDC

Lock Status Contact SPDT, 2 Amp @ 30VDC

Door Status Contact SPDT, 250 mA @ 30VDC

Weight 10.0 lbs



EXCEL™ E600 MAGNETIC LOCK



APPLICATION

Traffic Control, Air-Locks & Communicating Bathrooms
 600 lb / 272 kg holding force magnetic lock for interior door traffic control where physical attack is not a concern. Door and lock status outputs included for remote monitoring, mantraps and system application needs.



STANDARD FEATURES

- Door status, lock status and Bi-color LED
- Interlocking quick mount assembly
- Adjustable mounting bracket with choice of self drilling and tapping mounting screws or machine screws
- Wire access chamber with terminal block
- Dual voltage 12/24VDC
- 628 Clear anodized aluminum



SPECIFICATIONS

Mechanical

Holding Force: 600 lbs / 272 kg

Lock 9-7/8" L x 2-7/8" H x 1" D; (250 L x 51 H x 26 D mm)

Armature 7-5/16" L x 1-1/2" H x 1/2" D; (186L x 38H x 13D mm)

Electrical

Circuitry & Wiring PC board with voltage and current spike protection, instant release anti-residual magnetism circuit, terminal block for power input and status outputs

Circuitry Voltage and current spike protection and instant release anti-residual magnetism circuitry

Voltage 12/24VDC, field selectable

Current 500 mA @ 12VDC; 250 mA @ 24VDC

Lock Status Contact SPDT, 2 Amp @ 30VDC

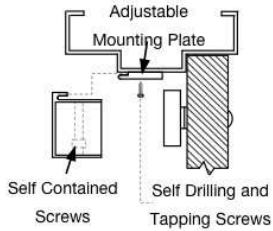
Door Status Contact SPDT, 250 mA @ 30VDC

Weight 7.0 lbs

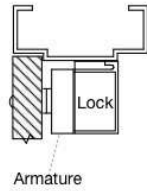


ACCESSORIES

QUICK MOUNT INTERLOCKING ASSEMBLY



OUTSWING



TOP JAMB MOUNTING KIT FOR INSWING DOORS

MODELS
E12Z Top jamb kit for E1200
E6Z Top jamb kit for E600

Field adjustable

GLASS DOOR ARMATURE MOUNTING KIT

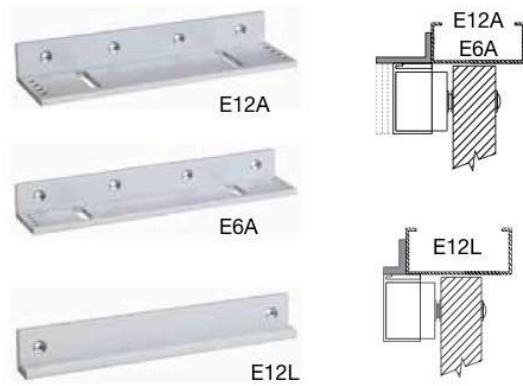
MODELS
E12U Glass door kit for E1200
E6U Glass door kit for E600

Field adjustable to glass thickness

E SERIES ANGLE BRACKETS

Used for the extension of a narrow frame header mounting surface, the bracket provides additional surface area for proper lock mounting

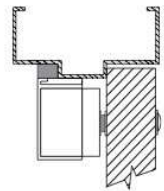
MODELS
E12A E1200 adjustable angle bracket.
 10-1/2" L x 1-3/4" W x 3-1/8" D
E6A E600 adjustable angle bracket.
 9-7/8" L x 1-1/4" W x 2-1/4" D
E12L E1200 angle bracket.
 May be field cut for use with E600
 10-1/2" L x 1-1/2" H x 3/4" D



E SERIES STOP FILLER PLATES

Used where the frame stop does not provide enough mounting surface, the filler bar provides enough additional surface area for proper lock mounting.

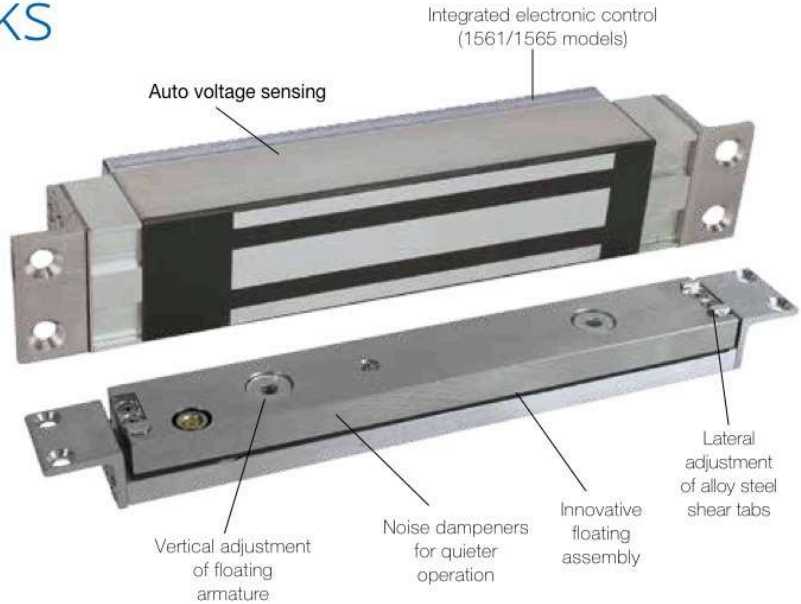
MODELS
E12F01 E1200 stop filler plates.
 E600: Field cut for E600
 Inches: 5/8" H x 3/4" D x 10-1/2" L
E12F02 E1200 stop filler plates.
 E600: Field cut for E600
 Inches: 3/4" H x 3/4" D x 10-1/2" L



Hi/Shear® Magnetic Locks

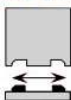
The SDC Hi/Shear® is a totally concealed, high security, failsafe locking mechanism with superior appearance. The patented Hi/Shear® electromagnetic lock design incorporates a “floating” armature assembly and special alloy steel locking “tabs” on both the lock and armature assemblies, that may be adjusted both vertically and laterally to compensate for wide door gaps and warped or misaligned doors.

Hi/Shear® magnetic locks are ideal for use on commercial grade hollow metal and wood doors and metal frames and Herculite doors with top rails.



FEATURES

DOOR STATIC AND ALIGNMENT SENSOR



The door static sensor ensures that the door is at rest and aligned, before the magnet is permitted to energize, eliminating potential for lock misalignment.

LATERAL ALIGNMENT ADJUSTMENT

Lateral adjustment of shear tabs to compensate for warped or misaligned doors, permitting accurate locking.

VERTICAL ALIGNMENT ADJUSTMENT

Vertical adjustment of the armature compensates for wide door gaps.

“FLOATING” ASSEMBLY

A unique “floating” action makes for easier armature lift when the magnet is energized and provides the ability to overcome wide door gaps.

2000 OR 2700 LBS HOLDING FORCE

2000 or 2700lbs. of holding force without current inrush or high operating temperature normally associated with shear locks.

ALLOY STEEL SHEAR “TABS” ON LOCK AND ARMATURE

Alloy shear tabs are used on both the lock and the armature to ensure continued high holding force. There is no profiling of the soft armature steel that may be prone to wear and reduced holding force.

ADVANCED ELECTRONIC CIRCUITRY

Advanced electronic circuitry that incorporates door static, positioning and timed relock sensor and automatic voltage sensing for 12/24VDC input.

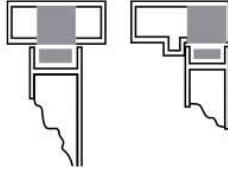
QUIETER OPERATION

Noise dampeners greatly reduce the noise associated with locking and unlocking of other shear locks on the market.



CONCEALED HI/SHEAR®

The innovative Hi/Shear® concealed configuration electromagnetic lock is available with 2000 lbs and 2700 lbs holding force for standard 1-3/4 to 2" frames with internal electronics, as well as narrow 1-1/4 to 1-1/2" frames with external electronics.



MODELS

2000 LBS HOLDING FORCE, 8" X 1-1/2" LOCK

1561 Integrated electronics, 1-5/8" depth for 1-3/4" to 2" frames



1562 External electronics, 1-1/4" depth for 1-1/4" to 1-1/2" frames



2700 LBS HOLDING FORCE, 10-7/16" X 1-1/2" LOCK

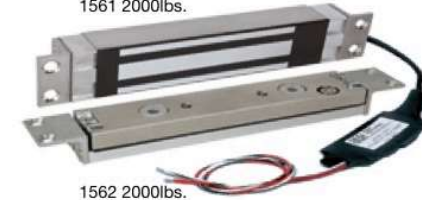
1565 Integrated electronics, 1-5/8" depth for 1-3/4" to 2" frames



1566 External electronics, 1-1/4" depth for 1-1/4" to 1-1/2" frames



1561 2000lbs.



1562 2000lbs.



1565 2700lbs.



1566 2700lbs.

SEMI-CONCEALED HI/SHEAR®

The semi-concealed configuration incorporates the innovative 2000 lb Hi/Shear® concealed electromagnetic lock with a surface mounted armature assembly. The semi-concealed design also provides the advantage of mounting the Hi/Shear® on the secure side of the door opening, eliminating potential for tampering.



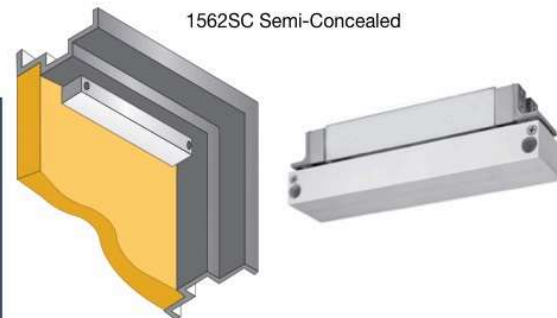
MODELS

1562SC

Semi-concealed mounted to the push side of an out-swing door. The mortise magnet is concealed in the frame and the armature is surface mounted on the door. For metal door and frame, glass door with top rail and metal frame, or wood door and metal frame.

1562SCHDB1/2 Semi-concealed mounted to the push side of an out-swing glass door. The mortise magnet is concealed in the frame and the armature is surface mounted on the 1/2" glass door where no top rail is present utilizing the Herculite door bracket.

1562SCHDB3/4 Semi-concealed mounted to the push side of an out-swing glass door. The mortise magnet is concealed in the frame and the armature is surface mounted on the 3/4" glass door where no top rail is present utilizing the Herculite door bracket.



1562SC Semi-Concealed



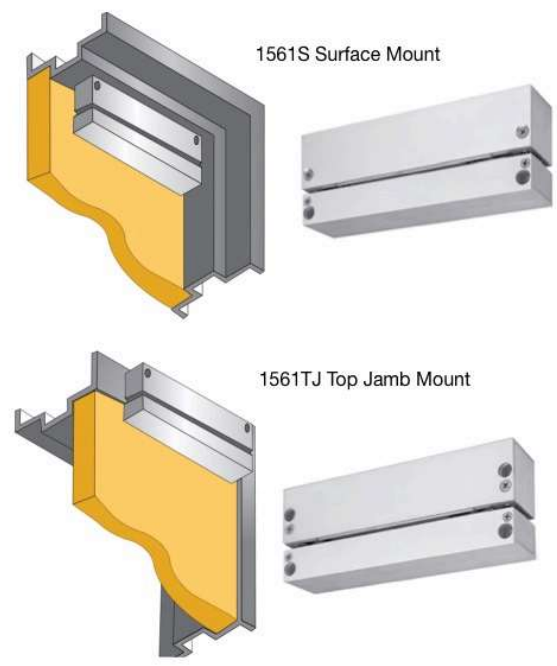
1562SCHDB Semi-Concealed Glass Mount

SURFACE MOUNT HI/SHEAR®

MODELS

1561S Surface mounted to the push side of an out-swing door. For metal door and frame, glass door with top rail and metal frame, or wood door and frame

1561TJ Surface mounted to the pull side of an in-swing door. For metal door and frame, glass door with top rail and metal frame, or wood door and frame. This mounting configuration eliminates the need for cumbersome and unsightly top jamb Z brackets normally associated with pull side mounted of magnetic locks



SPECIFICATIONS

Automatic Voltage Sensing Input

1561/1562	650/350mA @ 12/24VDC
1565/1566	800/400mA @ 12/24VDC

Lock Body Dimensions

1561	8"L x 1-1/2"W x 1-5/8"D
1562	8"L x 1-1/2"W x 1-1/4"D
1565	10-7/16"L x 1-1/2"W x 1-5/8"D
1566	10-7/16"L x 1-1/2"W x 1-1/4"D

Armature Assembly Dimensions

1561/1562	8"L x 1-1/2"W x 7/8"D
1565/1566	11"L x 1-1/2"W x 7/8"D

Weight

1561/1562	6 lbs
1565/1566	5 lbs

ARMATURE AVAILABLE

MODELS

ITC Standard mounting armature kit for aluminum and hollow metal doors with 7/8" to 1 1/8" deep top channels, wood doors and factory prepared hollow metal flush edge doors.

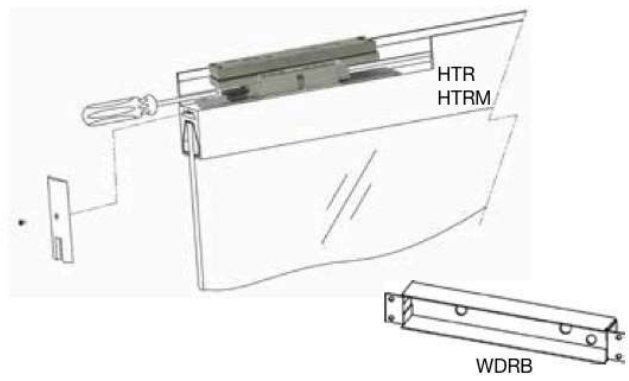
ITCM

FTC Mounting kit for field prepared horizontal mounting in hollow metal doors with flush edge.

FTCM

HTC Mounting kit for 1-15/16" deep Herculite channels

HTCM



PRODUCT SKU SAMPLE: 1566 HTC D



HOW TO ORDER

1| SPECIFY MODEL

- 1561** Hi/Shear® 2000 lb holding force, integrated electronics
- 1562** Hi/Shear® 2000 lb holding force, external electronics
- 1565** Hi/Shear® 2700 lb holding force, integrated electronics
- 1566** Hi/Shear® 2700 lb holding force, external electronics

2| SPECIFY ARMATURE

Armature supplied with lock. Specify type required:

- 1565/1566** ITC, FTC, HTC or HTR
- 1561/1562** ITCM, FTCM, HTCM or HTRM

ITC
ITCM Standard mounting armature kit for aluminum and hollow metal doors with 7/8" to 1 1/8" deep top channels, wood doors and factory prepared hollow metal flush edge doors

FTC
FTCM Mounting kit for field prepared horizontal mounting in hollow metal doors with flush edge

HTC
HTCM Mounting kit for 1-15/16" deep Herculite channels

HTR
HTRM Herculite top rail armature adjustment bracket

3| SPECIFY OPTIONS

- B** **Bond sensor** indicates proper armature contact or reduced holding power due to improper armature contact or tampering. SPDT 0.25Amp (not available on 1562/1566)
- D** **Door position switch** indicates door open or closed. SPDT 0.25 Amp maximum
- L3** **External LED status indicator**, mounts separately through the frame and may be used to indicate lock is energized or wired to BAS bond sensor for door status
- WDRB** Wood door reinforcement box for 1565 and 1566
- WDRBM** Wood door reinforcement box for 1561 and 1562

1570 Series Gate EMLock®



1575

SDC's Gate EMLock® provides 1200lbs of holding force and enables the access and egress control of pedestrian and vehicle gates. Access controls such as card readers, digital keypads and remote control stations provide gate and lock control.

Gate EMLocks® are compatible with manual and automatic, swinging and sliding, tubular and iron gates. The floating armature design compensates for gate misalignment with the electromagnet.

WEATHERIZED

SDC Gate EMLocks® are totally sealed in an epoxy filled stainless steel case. A threaded conduit fitting ensures weather resistant protection of the wiring.



1576

FEATURES

- Stainless Steel Case
- Epoxy filled for weather resistance
- Threaded conduit fitting
- Built-in voltage kickback protection
- Low power consumption
- Built-in bond sensor (BAS)
- Built-in door position sensor (DPS)

SPECIFICATIONS

Holding Force	1200lbs
Voltage Input	450mA @ 12VDC; 225mA @ 24VDC
DPS and BAS sensors	SPDT, 250mA @ 30VDC
Wire Leads	24 AWG, 3ft. long
Conduit Fitting	1/2" Length, 3/4" outside thread, 1/2" inside thread

Mechanical Specifications

Lock	8-11/16"L x 2-1/2"H x 1-5/8"D
Armature	7-3/4"L x 2-13/32"H x 5/8"D
Case	Stainless steel
Weight	
1575	11 lbs
1576	10 lbs

MODELS

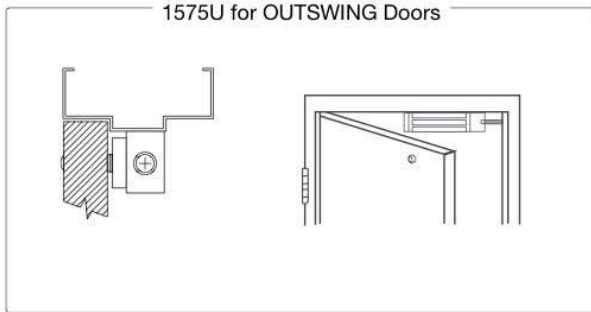
- 1575U** Standard mounting with magnetic bond sensor & DPS
- 1576U** Face drilled with magnetic bond sensor & DPS



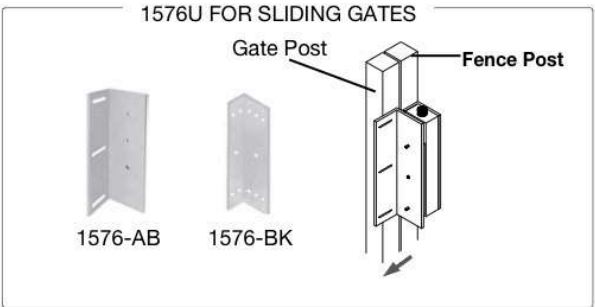
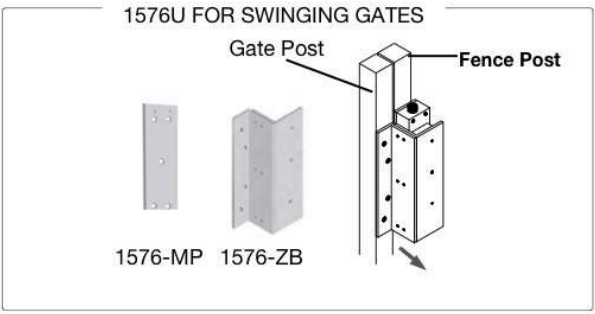
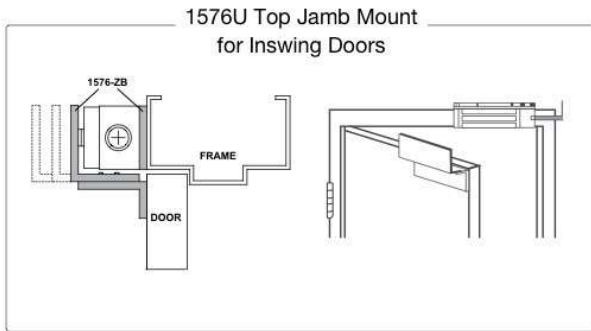
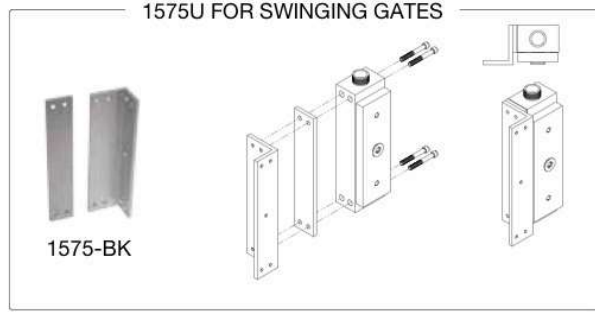
APPLICATION

With no moving parts to bind or wear, the Gate EMLock® is inherently failsafe and will unlock automatically during a power outage. For security applications, the SDC 600 series power supplies with battery backup capability, can provide continuous operation during a power outage.

CONDUIT FITTING DOOR APPLICATION





CONDUIT FITTING GATE APPLICATIONS





ACCESSORIES



For top jamb door application

-  **1576-MP** Lock Mounting Plate for 1576
-  **1576-ZB** Lock Mounting Z Bracket for 1576 (Includes 1576-MP)

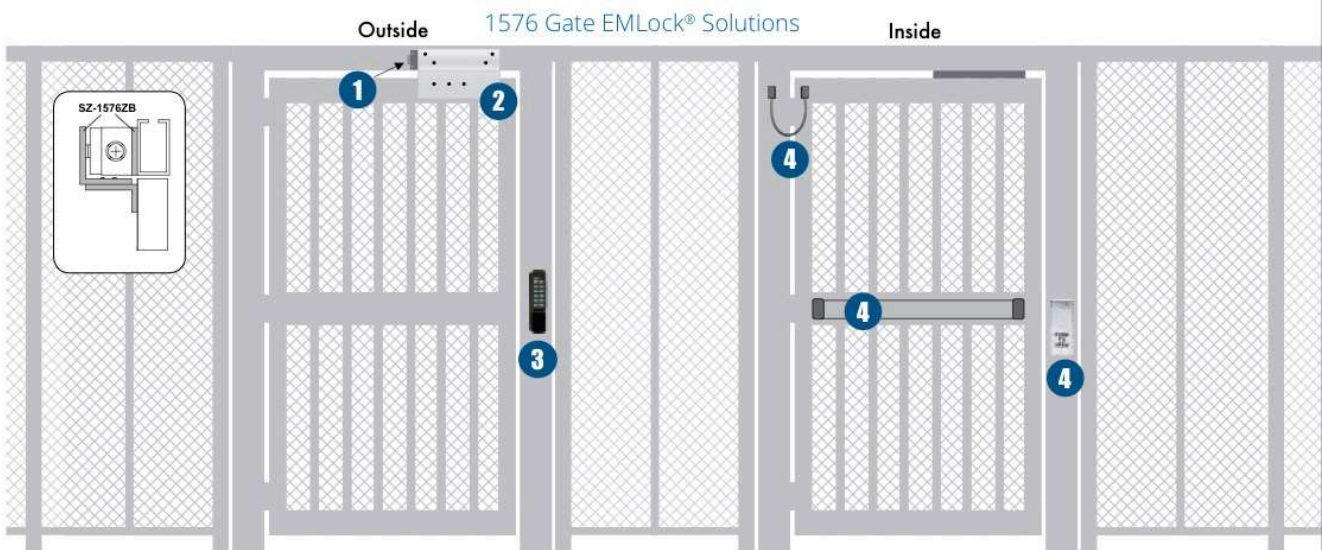
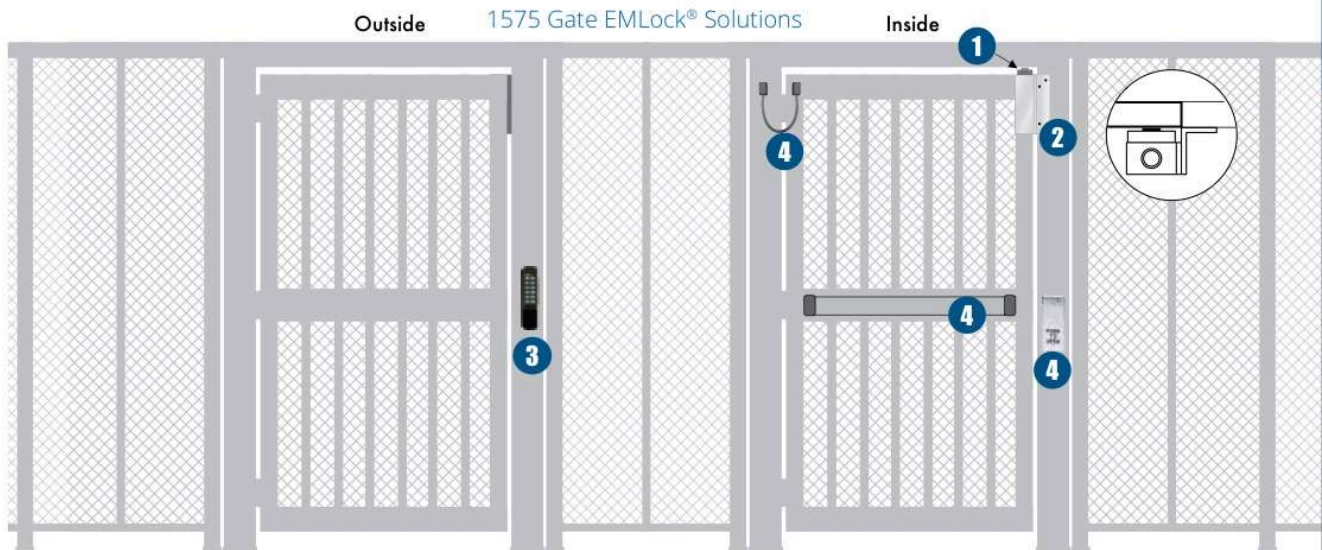
For sliding gate applications

-  **1576-BK** Mounting Bracket for 1576
-  **1576-AB** Armature Mounting Bracket for 1576

For swinging gate applications

-  **1576-ZB** Lock Mounting Bracket for 1576 (Includes 1576-MP)
-  **1575-BK** Lock Mounting Bracket for 1575

APPLICATION Gate Solution

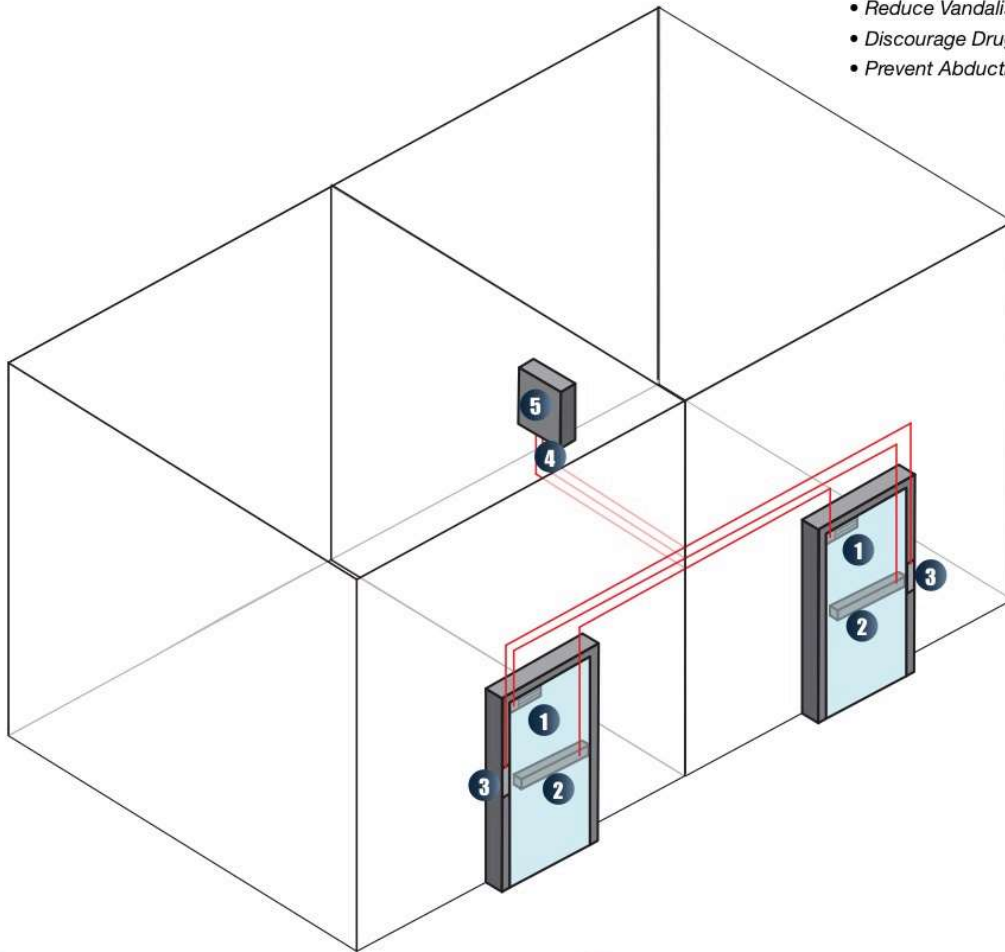


GATE EMLOCK® SOLUTIONS / ACCESSORIES

- 1** GATE MAGNETIC LOCK
 - 1575U** Gate Magnetic Lock
 - 1576U** Gate Magnetic Lock with face drilled mounting
- 2** GATE MOUNT BRACKETS
 - 1575BK / 1576-ZBV / 1576-AB / 1576-BK** Application Specific Brackets
- 3** OUTDOOR ACCESS CONTROL
 - 923** Narrow Stand Alone Digital Keypad [see page 157](#)
- 4** Request-To-Exit
 - 48201U** ADA approved Narrow Mullion Push Plate Switch [see page 215](#)
 - MSB550W** Outdoor Weather Resistance Mechanical Switch Bar [see page 175](#)

APPLICATION **Public Park Safety**
After-Hour Restroom Security Solution

- Deter Homeless Occupancy
- Eliminate Daily Staff Unlock/Lock
- Weather Resistant Hardware
- Reduce Vandalism & Graffiti
- Discourage Drug Use Activity
- Prevent Abduction & Sexual Crimes



1a 1575U Electromagnetic Gate Lock



1b 1576 Electromagnetic Gate Lock



1c E6200 Magnetic Lock



2 MSB550-2WV Mechanical Switch Bar

see page 175



3 802ALN Single Gang Key Switches

see page 193



4 631RFXUR-1 1.5 Amp Power Supply

see page 241



5 14-2 Timer Module

see page 294



E300 Cabinet Lock

SDC's E300 Cabinet Lock is a compact specialized electromagnetic lock that produces 300lbs. of holding force. Versatile mounting capability with face drilled and surface mounting holes. Aluminum housing is standard.



FAILSAFE OPERATION

Security and safety with no moving parts. Positive and instantaneous failsafe un-locking operation is guaranteed.

EASY INSTALLATION

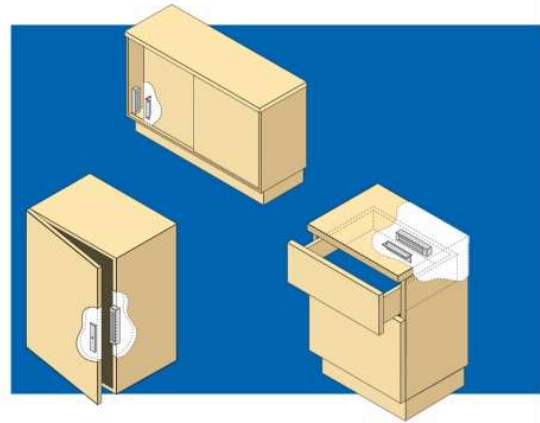
Compact size allows easy installation in small cabinets or restricted spaces. No special tools are required.

DURABLE, NO MAINTENANCE

With nothing to wear out and no moving parts, the E300 is virtually maintenance free.

SOLID STATE PROTECTION

The E300 provides spike and surge protection for solid-state devices on the same line.



FEATURES

- 300lbs. of holding force
- An electronics module provides spike and surge protection for the lock
- Dual voltage and modular design
- Strong enough even for large cabinet doors
- Protection of the lock and other devices on same line without additional parts
- Operates on 12 or 24VDC

Battery back up capability when used with a power supply and battery.

Note: Not recommended for life safety on pedestrian doors.

APPLICATION

- Cabinets
- Drawers
- Display cases
- Machine equipment housings
- Gun safes
- Package pass through doors
- Dark rooms

SPECIFICATIONS

Mechanical Specifications

Holding Force	300 Lbs / 136 Kg
Lock	7" L x 1.625" H x .875" D
Armature	5.125" L x 1.75" H x .625" D
Weight	5 lbs

Electrical Specifications

Circuitry and Wiring	PC board with voltage and current spike protection, instant release anti-residual magnetism circuit, terminal block for power input and status output
Voltage	Dual 12/24VDC, field selectable Terminal block connections
Current	360 mA @ 12VDC; 180 mA @ 24VDC
Lock Status Contact	SPDT, 2 Amp @ 30VDC

MODEL

E300 Magnetic Lock
300lbs. holding force





EP17624 EMLock Series

Explosion Proof Magnetic Lock



Specifically designed for applications where flammable vapors are cause for concern, like clean room, chemical plant, or refinery environments by eliminating the sparks or arc in the magnetic lock.

UL listed for use in hazardous locations CLASS 1, DIVISION 2.


FEATURES

- Explosion Proof Epoxy Sealed to eliminate sparks
- No moving parts, virtually maintenance free
- Corrosion Proof
- Door Status Sensor
- 628 Clear Anodized Aluminum housing
- Classified for Class 1, Division 2 Hazardous Locations

APPLICATIONS

- Chemical Plants
- Refineries
- Paint Shops
- Cleaning Facilities
- Loading Facilities for flammable gases

MODELS

 **EP17624** Push-side Explosion Proof EMLock® with conduit on side-block

 **EP17624TJ** Pull-side Explosion Proof EMLock® with conduit on top panel includes Top Jamb mounting bracket



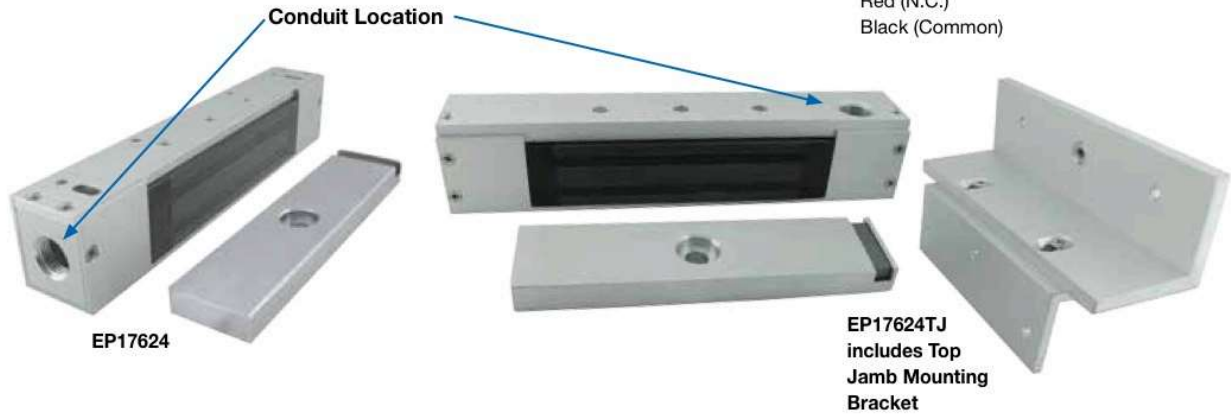
SPECIFICATIONS

Mechanical Specifications

Holding Force	600 Lbs
Lock EP17624	10.5" L x 2" H x 1.75" D
Weight	6.2 lbs
Lock EP17624TJ	10.5" L x 2.25" H x 1.75" D
Weight	9.7 lbs
Armature	7.125" L x 1.75" H x 0.75" D

Electrical Specifications

Input Voltage	24VDC +/-10%,
Power Consumption	250 mA @ 24VDC
Door Status Sensor	SPDT, 100 mA @ 30VDC max
Lock Wiring	RED/RED (Non-Polarized)
DPS Wiring	White (N.O.) Red (N.C.) Black (Common)



This unit is intended to be used in the following atmospheres: Acetone, Ammonium Hydroxide, ATSM fuel C, Benzene, Methyl-Ethylketone, Diethyl-Ether, 2-Nitropropane, Ethyl-Acetate, Furfural, Normal Hexane, Methyl Alcohol.

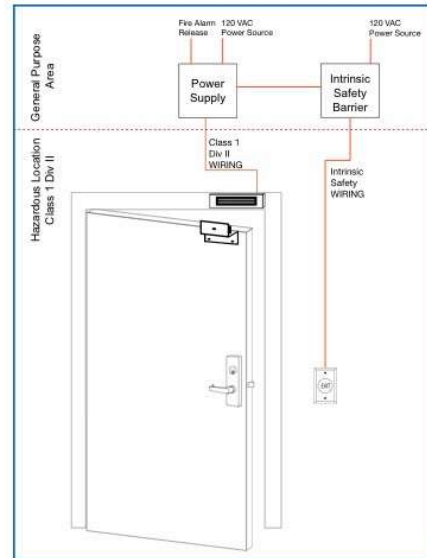
Operating temperature for the magnetic lock will not exceed 185° F (85° C). Maximum ambient temperature is not to exceed 104° F (40° C). For supply connections, use a suitable wire with a minimum insulation temperature rating of 167° F (75° C).

This unit must be connected to a NEC (National Electric Code, NFPA 70) Class 2 Supply Circuit rated for 24 VDC with a minimum current output of 0.5 amperes and output power of 12 watts. A UL Listed SDC 600 Series Power Controller is recommended.

ACCESSORIES



APPLICATION



1591 EMLock

Magnetic Lock for Sliding Doors

The SDC 1590 Series is a compact mortise EMLock® with 850lbs. of holding power packed in a 10"L x 1-7/16"W x 1-1/2"D stainless steel case.

The 1590 EMLock® is ideal for securing sliding or *swinging, manual or automatic doors. Its durability for high frequency use and its mortise installation make it the choice of specification writers, owners and architects.

With only two parts, the lock mortised in the frame and the armature in the door, the EMLock® secures the door in a closed position. When power is cut the EMLock® releases instantly.

When used with industrial sliding doors, two 1590 EMLock's® may be used to provide up to 1700 lbs. of holding power.



FEATURES

For manual or automatic sliding doors. Only one lock is required for single or pairs of doors when travel past center is restricted

SPECIFICATIONS

Holding Power	850 Lbs
	350 mA @ 24V
	700 mA @ 12V
	12VDC and 24VDC standard
Electrical Data	12VAC and 24VAC optional (BR64 rectifier required)
	Built-in inductive kickback protection
	12" 18 GA power leads
Lock	10"L x 1-7/16"W x 1-1/4"D
Armature	6-5/16"L x 1-1/2"W x 1-1/4"D
Weight	4.5 lbs

MODELS

1591U Single EMLock®
for Sliding Doors

ACCESSORIES

LAB Surface mount armature
angle bracket for 1591

AMP Armature mounting plate for
leading edge of door

DPS Door Position Sensor

BR64 Rectifier





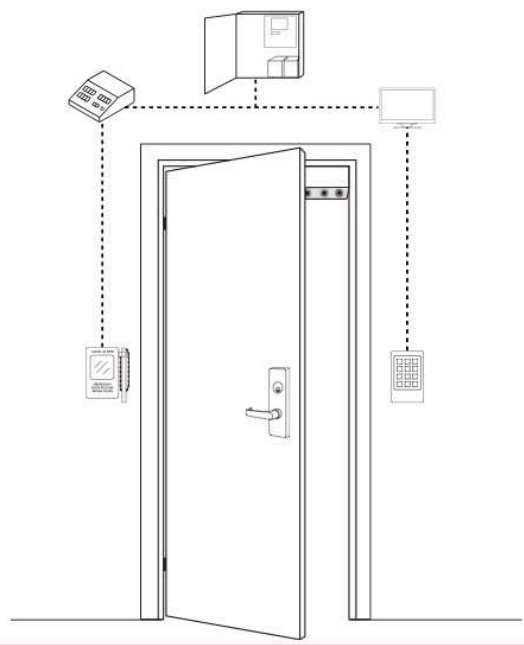
Delayed Egress Locks

KEEP PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 15 SECONDS.



Stop Theft, Control Pedestrians in Public Facilities & Airports, Control Wandering Patients, Guard Against Infant Abduction.

The Exit Check® electromagnetic delayed egress lock is designed to delay egress through perimeter exit doors for 15 or 30 seconds. Concurrently an alarm sounds while security and personnel are alerted of unauthorized egress. Compatible with access controls and patient wandering systems, SDC Exit Check® Delayed Egress Locks release immediately in an emergency and comply with all national and regional building and fire life safety codes, including NFPA 101, Special Locking Arrangements.



Exit Check® Integrated Delayed Egress Locks

Voice and digital display provides informative annunciation for people without prior knowledge, including the blind and hearing impaired. Field selectable voice & tone or tone only. Voice provides warning or safety message, countdown and time of door release. Digital countdown display also indicates if door was open after lock release. Fixed 15 second delay or selectable 15 or 30 second exit delay.



FEATURES

- Field selectable voice message and alarm tone, or alarm tone only, 75 db @ 3 ft
- The visual display provides a digital countdown, indicates lock release and verifies if the door was opened for egress.
- Choice of fixed 15 second exit and 1 second nuisance delay or field selectable 15 or 30 second exit delay and 1 or 2 second nuisance delay
- Field selectable security or safety message
- Field selectable activation: Door movement; Exit device with switch kit; Exit sense bar for non-latching doors
- Field selectable automatic or manual relock upon power up after emergency release or power loss.
- Integrated 3 position key switch provides: Lock and alarm reset; Manual power-up*; Sustained bypass; Timed bypass, adj. for 1, 15, 20 or 30 seconds
- Field selectable door prop alarm: Alarm sounds when door is left open after selected bypass time has elapsed.
- Anti-tailgate feature
- Single or multi-door zone control and reset capability

CONTROL INPUTS

- Remote access control and REX input, field adjustable for 1,15, 20 or 30 seconds
- Remote reset input
- Manual power-up input*
- Emergency release input
- Anti-tailgate input

MONITORING OUTPUTS

- Door secure and unlocked output
- Delayed egress activation alarm output

MODELS

1511S Single

For use with single doors equipped with:

- Mortise or rim mount exit devices
- Surface or concealed vertical rod exit devices with surface or concealed strikes and triggers
- Mortise or cylindrical locksets

1511T Tandem

Activating either door unlocks both doors. For use with pairs of doors equipped with:

- Mortise or rim mount exit devices
- Surface or concealed vertical rod exit devices with surface or concealed strikes and triggers.
- Mortise or cylindrical locksets



PATIENT & INFANT TRACKING SYSTEMS

The SDC Exit Check® is compatible with patient tracking systems, like those used for protection against infant abduction from hospital nurseries, and for the protection of patients in long term care facilities who may be endangered if they leave their care facility without supervision.



APPLICATION

AIRPORT & PUBLIC FACILITY SECURITY & SAFETY

Control pedestrian traffic in government, public facilities and transportation facilities, including airport jetways and tarmacs.

LOSS PREVENTION

Provide theft protection of merchandise, technology and other valuables such as, art and museum artifacts.

WANDERING PATIENT AND INFANT PROTECTION

Restrict the egress of psychiatric and drug rehab patients, elderly patients in assisted living facilities and restrict the movement of nursery infants for their own safety and security.

OPERATION

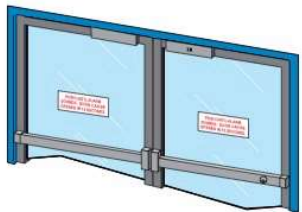
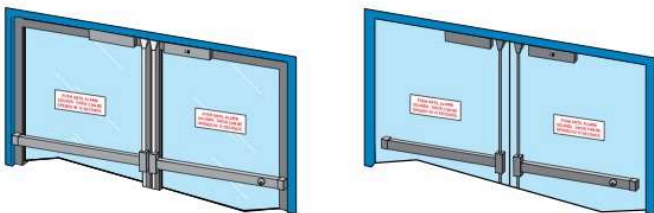
Typically used on exit doors, when unauthorized egress is initiated when in the locked mode, the SDC Exit Check® delays egress through the door for 15 or 30 seconds. Meanwhile, the person exiting must wait while personnel or security respond. The door unlocks after 15 seconds have elapsed, permitting egress. A signal from the fire life safety system will release the lock for uninhibited egress in an emergency. 30 second delay available where approved.



**1511S
Single**



**1511T
Tandem**



Code Compliant Door Sign
PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 15 SECONDS.

CODE COMPLIANCE

Exit Check® models comply with today's building and fire life safety codes. See page 4

IBC, International Building Code
1008.1.8.6 Delayed Egress Locks

IFC, International Fire Code
1008.1.8.6 Delayed Egress Locks

NFPA 101, Life Safety Code
7-2.1.6.1 Delayed Egress Lock

CBC, California Building Code
1008.1.8.6 Special Egress Control Devices

BOCA, National Building Code
1017.4.1.2 Special Locking Arrangements

Chicago Building Code
10 (13-160-269) Electro-Magnetic Locking Devices.

LOCAL APPROVAL

All installations must be approved by the Authority Having Jurisdiction (AHJ).

ACCESS CONTROL

Access controls may be utilized for authorized egress, access and lock reset. Access from the exterior of latching doors requires an additional means of mechanical lock release, such as a mechanical key or electric strike.

VERBAL AND DIGITAL ANNUNCIATION

The Exit Check® series incorporates an alternating verbal message, verbal countdown and alarm tone, plus a large digital countdown display and door release indicator that provides a clear warning for the safety of persons without prior knowledge of door operation, including the blind and hearing impaired.

EXTENDED FEATURES

SELF ADJUSTING DOOR MOVEMENT SENSOR

The built-in door movement sensor may only be used with doors equipped with a latch assembly, such as a mechanical lockset or exit device.

The mechanical latch mechanism must be locked on the exterior and unlocked on the interior. From the inside, retracting the door latch and applying pressure causes limited door movement. The built-in activation trigger senses the door movement and initiates delayed egress operation. The self adjusting sensor helps prevent false triggering.

EXTERNAL DEVICE TRIGGER INPUT

ACTIVATION FOR NON-LATCHING DOORS

The external activation trigger input must be used with doors without latch assemblies, such as latchless glass and herculite doors.

Activation may be triggered by the SDC MSB550 Switch Bar or the SDC Sure Exit®, request-to-exit push bar. A power transfer device is required. Pushing on the request-to exit push bar immediately activates the delayed egress operation.

ACTIVATION FOR LATCHING DOORS

Where preferred, activation may be accomplished by a latch monitoring strike, or a switch installed in a standard latching exit device or lockset. A power transfer device is required for exit devices equipped with a trigger switch.

See detailed information on SDC MS Series Latch Monitoring Strikes (page 72), Exit Device Switch Kits (page 177) and Power Transfer Devices (page 229).

SPECIFICATIONS

Electrical

Input Voltage Dual voltage Sensing 12/24 VDC ± 10%

Standard 1650lbs Holding Force

1511S 820mA @ 12VDC | 500mA @ 24VDC

1511T 1500mA @ 12VDC | 850mA @ 24VDC

Energy Saver 1200lbs Holding Force

1511S (E option) 400mA @ 12VDC | 275mA @ 24VDC

1511T (E option) 650mA @ 12VDC | 400mA @ 24VDC

Mechanical

Single Weight 11"L x 2-3/4"H x 2-5/8"D
13.2 lbs

Tandem

Master/Slave Weight 11"L x 2-3/4"H x 2-5/8"D
26.4 lbs

Armature 7-3/8"L x 2-3/8"H x 9/16"D

AUTOMATIC OR MANUAL POWER-UP

Field selectable method of lock power-up, automatic or manual, after power loss or emergency release.

AUTO POWER-UP

When selected, regardless of the means of deactivation, relocking of the Exit Check® occurs when power is restored and/or the fire life safety panel is reset.

MANUAL POWER-UP

UBC, California Building Code (OSHPD) Compliant Reset
When selected, regardless of the means of deactivation, relocking of the Exit Check® is by manual means only at the door. Only after power restoration and/or fire life safety panel reset, the door may be relocked by actuating the standard built-in key reset or optional wall mounted key switch, push switch or digital keypad located adjacent to the door.

KEYLESS CONTROL (OPTIONAL)

920 ENTRY CHECK DIGITAL KEYPAD

While the Exit Check® is equipped with a standard built-in 4 function key switch for reset, manual power up, momentary bypass and sustained bypass functions, the SDC 920 wall mounted keypad provides the convenience of keyless operation for:

- Alarm Reset
- Manual Power-Up (UBC & California required)
- Momentary or Sustained Bypass



Inputs

Request to Exit	Normally open, dry
Fire Alarm Release	Alarm panel closed dry contact. Opening of contact releases lock.
IBO / Instant Bypass Override	Instant Relocking Feature

Monitoring Outputs

Alarm Output	SPDT Dry, 1 Amp @ 30VDC
Lock Secure Unlocked Output	SPDT Dry, 1 Amp @ 30VDC
DPS Door Position Status (optional)	SPDT Dry, 250 mA @ 30VDC
BAS Magnetic Bond Status (optional)	SPDT Dry, 250 mA @ 30VDC
ATS Anti Tamper Sensor (optional)	SPDT Dry, 1 Amp @ 30VDC

 CODE COMPLIANCE

• NA - NFPA 101 • IBC • IFC

If no Code is specified,
NA is the SDC Standard Supplied Code Setting
STANDARD MODELS

-  1511S NA K V Single, Adj 15/30
 1511T NA K V Tandem, Adj 15/30

NA OPERATION

1) When the door is closed, latched, and the lock is energized, field selectable “15” or “30” is displayed, indicating the door is secure.

2) Applying pressure and retracting the door latch activates a warning tone and digital display countdown. If the door is released in 1 or 2 seconds, the warning tone stops and the door stays locked.

Non Latching Glass Doors: Activation by PSB560 Exit Sense Bar (see page 171)

3) When activation exceeds the nuisance time (1 or 2 seconds) an irreversible process begins that will unlock the door in 13 or 14 seconds. The voice message, tone and countdown annunciation continue.

MALE VOICE WITH SECURITY MESSAGE

Tone....“Exit in twelve seconds,
Security has been alerted”
Tone....“Exit in five seconds”
Tone....“Exit now”, Tone....“Exit now”

FEMALE VOICE WITH SAFETY MESSAGE

Tone....“Exit in twelve seconds,
Facility Staff has been notified”
Tone....“Exit in five seconds”
Tone....“Exit now”, Tone....“Exit now”

TONE ONLY (IN LIEU OF MESSAGE)

Activation: Short beeps
Lock Release: Long beeps

4) The door unlocks when delay time has elapsed and the digital display indicates “00” and annunciation continues.

5) The lock is manually reset by built-in key (K) or optional wall mount keypad or keyswitch (see “Delayed Egress Accessories” on page 55)

6) The door will unlock upon signal from the fire life safety system or power loss. Auto Power-Up: Lock will re-arm automatically when power is restored and fire alarm system is rest.

Manual Power Up: Lock is re-armed by manual means only at the door by key reset (K) or optional wall mounted reset keypad or keyswitch (see “Delayed Egress Accessories” on page 55)

 CODE COMPLIANCE

• NC - California Building Code
• ND, NH - NFPA 101 • IBC • IFC

STANDARD MODELS

-  1511S ND K V Single
 1511T ND K V Tandem

ND OPERATION

1) When the door is closed, latched, and the lock is energized, “15” is displayed indicating the door is secure.

2) Applying pressure and retracting the door latch activates a warning tone and digital display countdown. If the door is released in 1 second, the warning tone stops and the door stays locked.

Non-Latching Glass doors: Activation by PSB560 Exit Sense Bar (see page 171)

3) When activation exceeds the nuisance time of 1 second an irreversible process begins that will unlock the door in 14 seconds. The voice message, tone and countdown annunciation continue.

MALE VOICE WITH SECURITY MESSAGE

Tone....“Exit in twelve seconds,
Security has been alerted”
Tone....“Exit in five seconds”
Tone....“Exit now”, Tone....“Exit now”

FEMALE VOICE WITH SAFETY MESSAGE

Tone....“Exit in twelve seconds,
Facility Staff has been notified”
Tone....“Exit in five seconds”
Tone....“Exit now”, Tone....“Exit now”

TONE ONLY (IN LIEU OF MESSAGE)

Activation: Short beeps
Lock Release: Long beeps

4) The door unlocks when 15 seconds has elapsed, the digital display indicates “00” and annunciation continues.

5) The lock is manually reset by the built-in key (K) or optional wall mounted keypad or keyswitch (see “Delayed Egress Accessories” on page 55).

6) The door will unlock upon signal from the fire life safety system or power loss. Auto Power-Up: Lock will re-arm automatically when power is restored and fire alarm system is reset.

Manual Power-Up: Per California Building Code, lock is re-armed by manual means at the door by key reset (K) or optional wall mounted reset keypad or keyswitch (see “Delayed Egress Accessories” on page 55)

 CODE COMPLIANCE

• BD, BH - BOCA, National Building Code
• BC - Chicago Building Code

STANDARD MODELS

-  1511S BD K V Single
 1511T BD K V Tandem

BD OPERATION

1) When the door is closed, latched and the lock is energized, “15” is displayed indicating the door is secure.

2) Applying pressure and retracting the door latch activates a warning tone and digital display countdown. If the door is released in 1 second, the warning tone stops and the door stays locked.

Non-Latching Glass doors: Activation by PSB560 Exit Sense Bar (see page 171)

3) When activation exceeds 1 second, an irreversible process begins that will unlock the door in 14 seconds. The voice message, tone and countdown annunciation continue.

MALE VOICE WITH SECURITY MESSAGE

Tone....“Exit in twelve seconds,
Security has been alerted”
Tone....“Exit in five seconds”
Tone....“Exit now”, Tone....“Exit now”

FEMALE VOICE WITH SAFETY MESSAGE

Tone....“Exit in twelve seconds,
Facility Staff has been notified”
Tone....“Exit in five seconds”
Tone....“Exit now”, Tone....“Exit now”

TONE ONLY (IN LIEU OF MESSAGE)

Activation: Short beeps
Lock Release: Long beeps

4) The door unlocks when 15 seconds has elapsed, the digital display indicates “00” and annunciation continues.

5) The door must be opened and then closed for 30 seconds before the lock automatically re-locks and annunciation stops. Reopening of the door before the end of the 30 second re-locking cycle will restart the 30 second re-locking cycle. Manual reset not available.

6) Built-in key (K) or optional wall mounted keypad or keyswitch (see “Delayed Egress Accessories” on page 55) provide timed or maintained bypass.

7) The door will unlock upon signal from the fire life safety system or power loss.

PRODUCT SKU SAMPLE: 1511S NC K V D RRX

HOW TO ORDER

- 1) SPECIFY MODEL** **1511S** Single, For use with single doors
 1511T Tandem, Activating either door unlocks both doors. For use with pairs of doors

- 2) SPECIFY OPERATION MODE**
 If no Operation Mode is specified,
NA is the SDC **Standard Supplied Code Setting**

- NA NFPA 101, IBC, UBC Compliant**
- Field selectable 15 or 30 second exit delay and 1 or 2 second nuisance delay
 - Field selectable automatic or manual power-up after power loss or emergency release
 - Manual Reset

- NC NFPA 101, IBC, IFC, UBC, CBC (OSHPD) Compliant**
- Fixed 15 second exit delay
 - Field selectable 0 or 1 second nuisance delay
 - Fixed manual power-up after power loss or emergency release
 - Manual Reset

- ND & NFPA 101, IBC, IFC, UBC**
- NH**
- ND - Fixed 15 second exit delay and field selectable 0 or 1 second nuisance delay
 - NH - Fixed 30 second exit delay and field selectable 0 or 1 second nuisance delay
 - Field selectable automatic or manual power-up after emergency release
 - Manual Reset

- BD & BOCA Building Code**
- BH**
- BD - Fixed 15 second exit delay
 - BH - Fixed 30 second exit delay
 - Field selectable 0 or 1 second nuisance delay
 - Field selectable automatic or manual power-up after emergency release
 - Manual or Auto Reset 30 seconds after door closure. Auto reset is retrigged if door opens before 30 seconds

- BC City of Chicago Building code**
- Fixed 15 second exit delay
 - Fixed 0 second nuisance delay
 - Field selectable automatic or manual power-up after emergency release
 - Manual or Auto Reset 30 seconds after door closure. Auto reset is retrigged if door opens before 30 seconds

- 3) SPECIFY BUILT-IN RESET AND CONTROL**
- K** Built in key switch. Provides 1-30 second timed bypass, sustained bypass and alarm reset (standard).
- P** Built in reset push switch. Available with NFPA (NA) only.
- L** Less key or push switch

- 4) SPECIFY FINISH**
- Anodized Finishes**
- V** 628 Aluminum (standard)
Y 335 Black
- | | |
|--------------------------------|---------------------------------|
| Special Plated Finishes | Powder Coat Finishes |
| P 625 Bright Chrome | X Dark Brown Powder Coat |
| Q 626 Dull Chrome | C Brass Powder Coat |

- 5) SPECIFY LOCK OPTIONS**
- E Energy Saver**
 1200 lbs holding force, low power consumption.
 See page 41 for full electrical specifications

- D Door Position Status**
 Provides remote monitoring of the door open or closed status and indicates the door has actually been opened for egress after alarm activation. (Specify 2 for tandem)

- B Magnetic Bond Alert Sensor**
 Indicates locked with full holding power or unlocked, reduced holding power, tampering or foreign material between the electromagnet and armature. (Specify 2 for tandem)

- A Anti-tamper Switch**
 Detects attempt to remove the access cover. (Specify 2 for tandem)

- 6) SPECIFY PROGRAMMING OPTIONS**
- VI One Language or Bilingual**
 Spanish, or English and Spanish, verbal notification.

- VIC Custom Verbal Announcement**
 (10 piece purchase minimum) POA

- RRX Reset on REX**
 Allows the REX input to reset after an unauthorized egress alarm.
Not available for NC operation

SEE PAGE 99 FOR DELAYED EGRESS EXIT DEVICE

ACCESSORIES see also page 55 for more accessories

101-SP External 15 Watt Speaker
 Connects directly to 1511S or 1511T for enhanced decibels of onsite or remote voice message annunciation. Speaker driver may be provided by others for extreme decibel requirements.



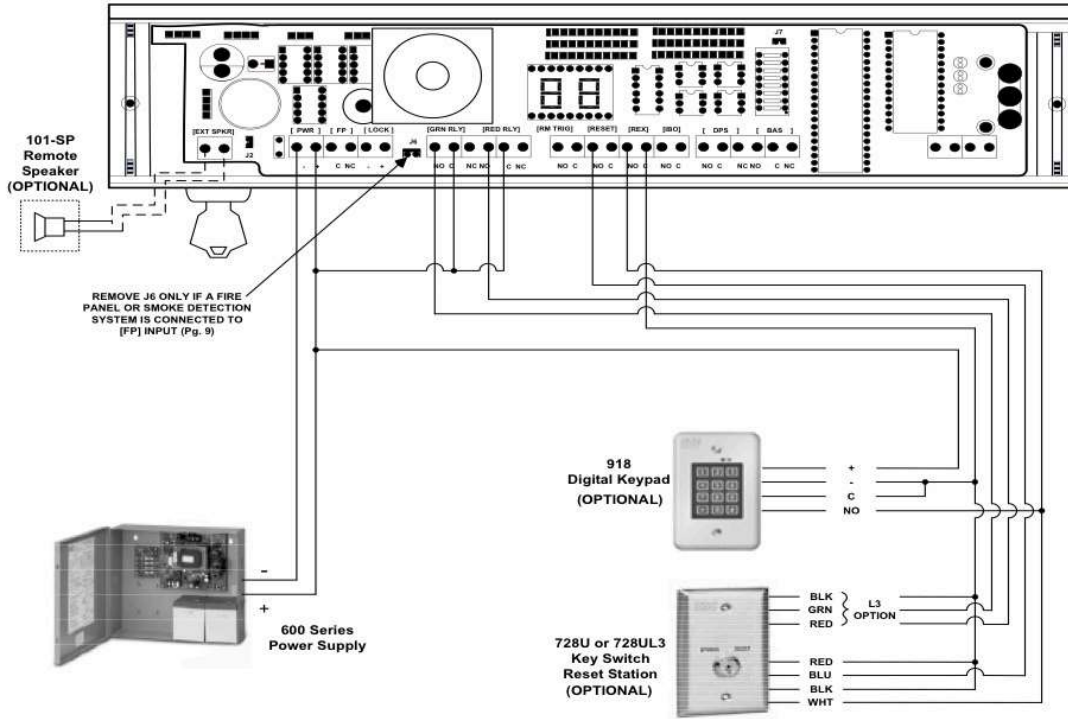
101-SPSN Remote Single Gang Annunciator
 Speaker and 80db tone. Duplicates ExitCheck voice message or tone.



EA100 Multi-Mode Visual Exit Annunciator Bar
 Interfaces with Delayed Egress devices for forced entry or unauthorized exit signaling. Highly visible from any angle due to multi-color LED lights with rolling signal.



LOCK WIRING



Infant and Pediatric Protection & Wandering Patient System Application

The Exit Check is unlocked when in maintained bypass or momentary bypass (access/REX) mode. When a tagged patient walks near or infant carried towards the door protection system sends a signal to the Exit Check®, locking the door immediately. Should a person then initiate unauthorized egress, the Exit Check® will provide voice and tone announcement and delay egress for 15 or 30 seconds.

Instant bypass
override

Protection System

Keypad In Lieu of Built-In Keyswitch

Eliminates Problem of Lost Keys, Easy To Reach for Reset, Bypass And Authorized Exit. See 920 keypad page 6. Note: Contact SDC for Wiring instructions

[RESET][REX]

NO C NO C NO C

920 Keypad

Egress Bar & Exit Device Trigger

PSB560, MSB550 non-latching bars
Exit Bar Switch Kits for latching exit devices

RM TRIG[RESET][REX]

NO C NO C NO C NO C

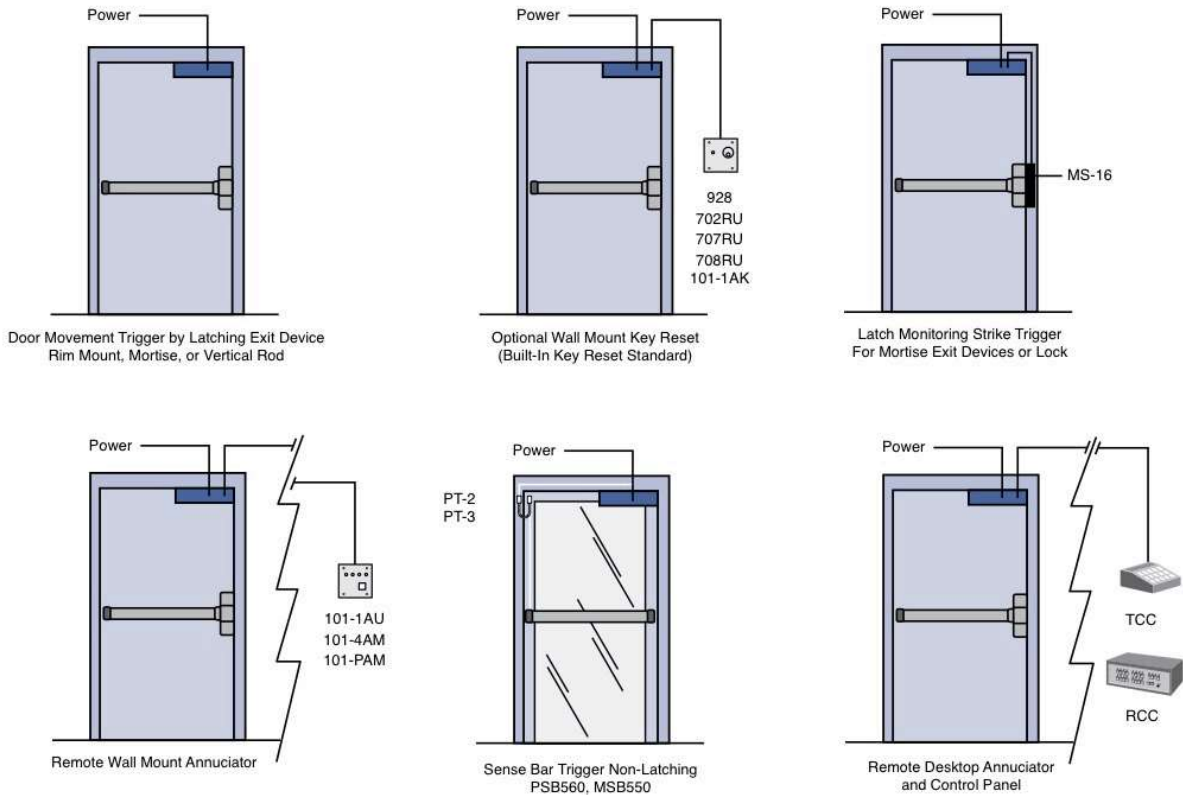
See terminal block above

Note:
Set DIP switch No. 5 to "Remote" position

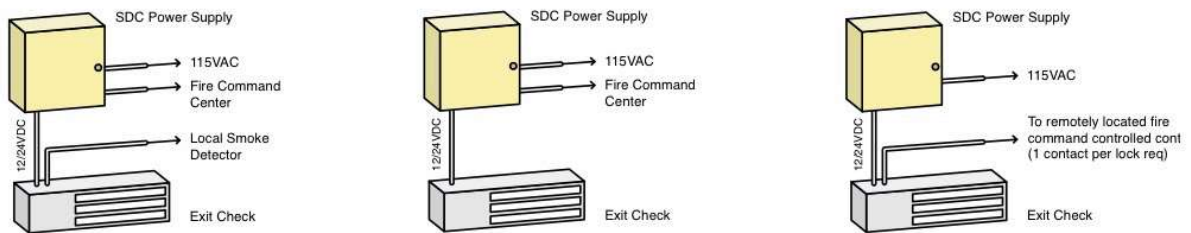
Egress Device Contact

Terminal Board Connections								Monitoring Options			
POWER IN	FP	AUX LOCK OUTPUT	GRN RLY	RED RLY	REMOTE	RESET	REX	INSTANT BYPASS OVERRIDE	DPS	BAS	ATS
- +	C NC	- +	NO C NC	NO C NC	NO C	NO C	NO C	NO C	NO C NC	NO C NC	NO C NC
AUTO SENSING 12/24 VDC INPUT	TO CLOSED FIRE CONTACT (REMOVE J6 WHEN USED)	SLAVE / TANDEM LOCK CONTROL OUTPUT	LOCK SECURE OUTPUT	ALARM OUTPUT	EXTERNAL TRIGGER SWITCH INPUT	EXTERNAL RESET SWITCH INPUT	REQUEST TO EXIT INPUT	INSTANT LOCKING FEATURE	DOOR POSITION OUTPUT	MAGNET-IC BOND ALERT OUTPUT	ANTI TAMPER OUTPUT

COMPONENT CONSIDERATIONS



EMERGENCY RELEASE MODES



DUAL EMERGENCY RELEASE

SDC 600 Series Power Supply and Integrated Lock Emergency Release

- Field Selectable Lock Auto Reset or Lock Manual Key Reset
- Field Selectable Power Supply Output
- Automatic reset standard, see *MR option for manual reset.

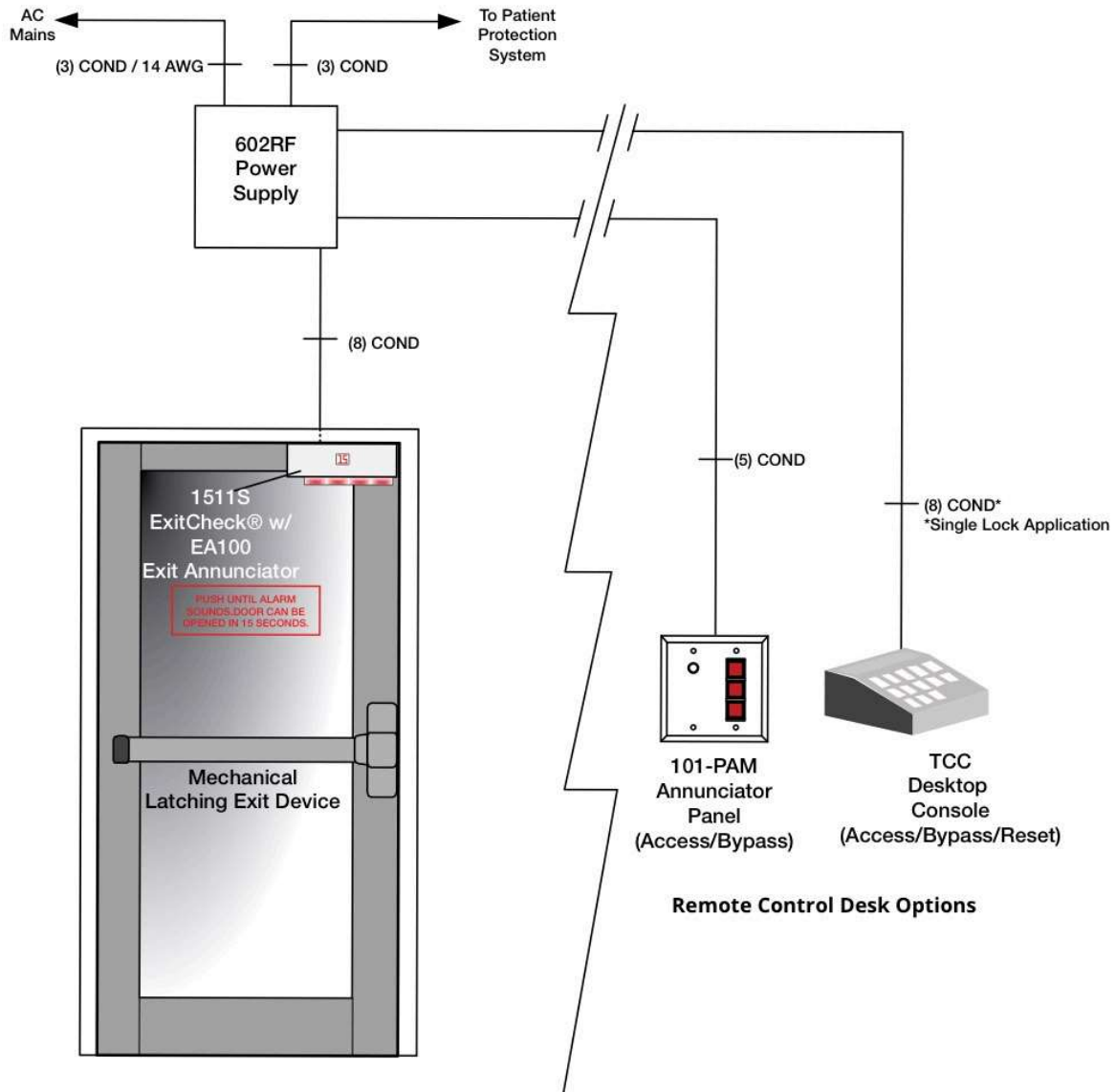
SDC 600 SERIES POWER SUPPLY EMERGENCY RELEASE

- Field Selectable Lock Auto Reset or Lock Manual Key Reset
- Field Selectable Power Supply Output
- Automatic reset standard, see *MR option for manual reset.

INTEGRATED LOCK EMERGENCY RELEASE

- Field Selectable Lock Auto Reset or Lock Manual Key Reset
- Field Selectable Power Supply Output
- Automatic reset standard, see *MR option for manual reset.

APPLICATION



101-PAM Annunciator Panel
see page 55



TCC Desktop Control Console
see page 271



EA100 Visual Exit Annunciator
see page 277



S6000 Mechanical Latching Exit Device
see page 95



602RF 1 Amp, 12/24 VDC Class 2 Output Power Supply
see page 239

1581S Delayed Egress Mini Exit Check®

PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 15 SECONDS.



When unauthorized egress is initiated, the Mini Exit Check® delays egress through the door for 15 seconds. Meanwhile, the person exiting must wait while personnel or security respond. The door unlocks after 15 seconds have elapsed, permitting egress. A signal from the fire/life safety system will release the lock for uninhibited egress in an emergency.

EXIT CHECK® APPLICATIONS INCLUDE:

Restricting the egress of patients for their own safety. Restricting the egress of commercial center patrons for minimum security application needs.

SIZE MATTERS

The Mini Exit Check® is designed to meet the needs of long term care and commercial facilities that require a smaller, less obtrusive, and less expensive delayed egress lock that is better suited for minimum security needs.

In addition, the subdued alarm tone is less disruptive to patients and staff. SDC has also maintained all the features and status outputs found in most higher holding force delayed egress locks on the market.

FEATURES

- 650 lbs Holding Force
- Subdued alarm with 2 distinct tones:
Alarm activation - intermittent, Door release - continuous
- Choice of activation trigger:
Door movement
Latching exit device with switch kit
Non-latching REX bar
- Self-aligning and vandal resistant proximity sensor trigger
- 5 foot cable

ACCESS CONTROL

Access controls may be utilized for authorized egress or access. Access from the exterior of latching doors requires an additional means of mechanical lock release, such as a mechanical key or electric strike.

LOCAL APPROVAL

All installations must be approved by the Authority Having Jurisdiction (AHJ).

PATIENT & INFANT TRACKING SYSTEMS

The SDC Exit Check® is compatible with patient tracking systems, like those used for protection against infant abduction from hospital nurseries, and for the protection of patients in long term care facilities who may be endangered if they leave their care facility without supervision.



MODEL

1581S Single Mini Delayed Egress Lock, 650 lbs holding force.
Specify 2 for pair of doors

SPECIFICATIONS

Voltage	Auto sensing 12/24 VDC input
Current	320mA @ 12VDC 500mA @ 24VDC
Size	10"L x 2"H x 2-3/8"D
Inputs / Outputs	Sustained bypass input Access control / REX input, timed Door secure / unlocked output Alarm activation output Door Position Status (optional) Magnetic Bond Sensor (optional)
Weight	7.0 lbs

EXTENDED FEATURES

SLAVE LOCK OUTPUT

The slave lock output enables the use of two units for pairs of doors and ensures that pushing on one door leaf will cause both doors to release.

ACTIVATION TRIGGERS

The Exit Check® is equipped with a built-in activation trigger and a remote trigger device input.

BUILT-IN ACTIVATION TRIGGER

The built-in activation trigger may only be used with doors equipped with a latch assembly (i.e. exit device or mechanical lockset).

The mechanical latch mechanism must be locked on the exterior and unlocked on the interior. From the inside, retracting the door latch and applying pressure causes limited door movement. The built-in activation trigger senses the door movement and initiates delayed egress operation.

REMOTE ACTIVATION TRIGGER INPUT

Activation Trigger For Non-Latching Doors

The remote trigger activation input must be used with doors without latch assemblies (i.e. latchless glass and herculite doors).

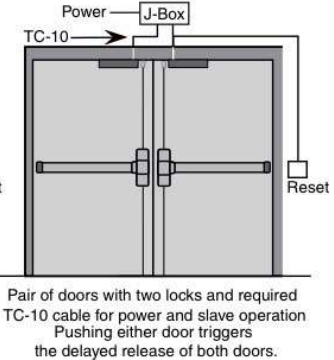
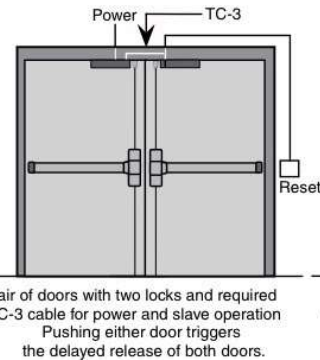
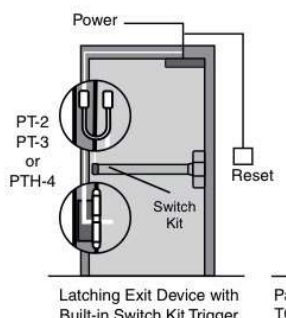
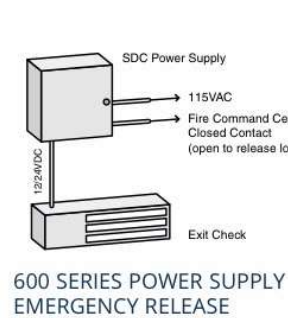
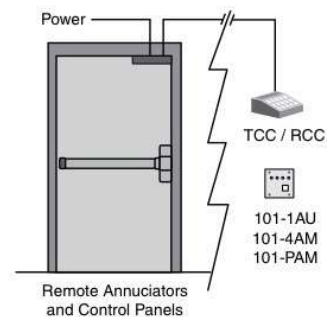
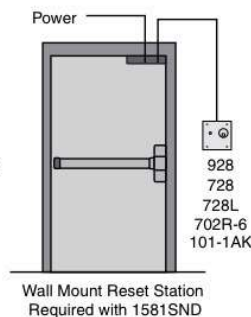
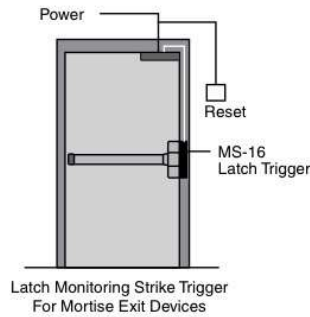
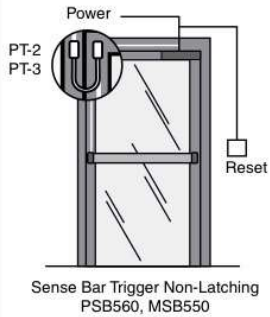
Activation may be triggered by the SDC **MSB550** Switch Bar or the SDC **PSB560** Sure Exit®, request-to-exit push bar. A power transfer device is required.

Pushing on the request-to-exit push bar immediately activates the delayed egress operation.

Activation Trigger For Latching Doors

Where preferred, activation may be accomplished by a latch monitoring strike, or a switch installed in a standard latching exit device or lockset. A power transfer device is required for exit devices equipped with a trigger switch.

COMPONENT CONSIDERATIONS



PRODUCT SKU SAMPLE: 1581S ND K V D

HOW TO ORDER

1 | SPECIFY MODEL

1581S Mini Delayed Egress Exit Check®

2 | SPECIFY OPERATION MODE

If no Operation Mode is specified,
ND is the SDC **Standard** Supplied Code Setting

ND UBC, California Building Code, OSHPD, NFPA 101, IBC & IFC Compliant
15 second fixed exit delay, 2 second nuisance delay.
Field selectable manual power up after emergency release for California and OSHPD compliance

NH IBC, IFC, NFPA 101 Compliant
30 second fixed exit delay, 2 second nuisance delay

NC CBC Compliant
15 second fixed exit delay, 2 second nuisance delay, power up unlocked fixed

BD BOCA National Building Code Compliant
15 second fixed exit delay, 1 second nuisance delay, auto reset 30 seconds after door closure

BH BOCA National Building Code Compliant
30 second fixed exit delay, 1 second nuisance delay, auto reset 30 second after door closure

BC BOCA National Building and Chicago Compliant
15 second fixed exit delay, 0 second nuisance delay, auto reset 30 second after door closure

3 | SPECIFY FINISH

Anodized Finishes
V Aluminum (standard)
Y Black anodized

Painted Finishes
C Bright Brass powder coat
D Dull Brass powder coat
X Dark bronze powder coat

Plated Finishes (special order)
P Bright chrome
Q Dull chrome

4 | SPECIFY STATUS OUTPUTS (OPTIONAL)

D Door position status
B Magnetic bond sensor

5 | SPECIFY RESET AND CONTROL DEVICE

Select Reset Station for NC, NH and ND functions

918 EntryCheck Digital Keypad, 500 user codes - Keyless Reset - manual power up - bypass

728 Key Switch, 2 keys, 1 gang - Reset - manual power up - sustained bypass

728L3 Key Switch, 2 keys, 1 gang, LED status indicator - Reset - manual power up - sustained bypass

702R Separate wall mount reset key switch assembly, MO SPDT dry contact, 6 amp @ 30VDC max., accepts standard 1-1/8" to 1-1/4" (Mortise key cylinder not included)

101-1AK Key switch assembly, 2 gang, LED status indicator, less cylinder - Reset - manual power up - sustained bypass

101-4AM Four station remote annunciator

SEE PAGE 99 FOR DELAYED EGRESS EXIT DEVICE

ACCESSORIES see also page page 55 for more accessories

Required when using two locks on a pair of doors, cables enable slave operation. Pushing either door triggers the delayed release of both doors.

1581S-TC3 Cable kit for connecting two locks through the frame header

1581S-TC-10 Cable kit for connecting wiring for two locks in a remote junction box

APPLICATION



920 IPRW Wiegand Access Control Keypad or Reader
see page 155 and page 151



IPPro IP-based Access Control Controller
see page 147



EA100 Visual Exit Annunciator
see page 277



602RF 1 Amp, 12/24 VDC Class 2 Output Power Supply
see page 239

101-DE Exit Check® Delayed Egress Controller

VERBAL EXIT INSTRUCTIONS OR ALARM TONE ONLY
& DIGITAL COUNTDOWN DISPLAY

- STOP EMPLOYEE THEFT
- STOP RETAIL SHOPLIFTING
- RESTRICT AIRPORT PATRONS
- RESTRICT WANDERING PATIENTS

The integral verbal message, digital countdown display and sign provide comprehensive and clear instructions of the door operation for persons without prior knowledge of the exit delay, including the sight and hearing impaired. The digital keypad eliminates the need to carry and locate keys for reset and bypass functions.



FEATURES

EGRESS DELAY

- 15 or 30 second exit delay
- 1 or 2 second nuisance delay

BUILT-IN 3 FUNCTION KEYPAD

- Alarm and lock reset
- 1 to 30 second bypass
- Sustained bypass
- Additional keyswitch optional

CONTROL INPUTS

- 1 to 30 second request-to-exit and access bypass with anti-tailgate
- Alarm reset
- Infant and wandering patient protection system compatibility
- External DPS input for anti-tailgate and door prop operation

BUILT-IN ANNUNCIATION

- Armed mode
- Nuisance mode
- Irreversible egress mode
- Release mode
- Digital countdown display
- Field selectable voice notification or tone
- Field selectable male voice with security message or female voice with safety message

MONITORING OUTPUTS

- Armed status
- Egress initiation status
- Released status

OPTIONAL EMLOCK OUTPUTS

- Door position sensor - indicates door open and door closed, commonly used to verify egress after release
- Magnetic bond sensor - indicates locked with full holding force, low holding force, unlocked and tampering

CHOICE OF MOUNTING

- Recessed mounted (3 gang plaster ring included)
- Surface mounted with optional 3 gang box (DEC-J)

TRIGGER MODES

- Egress alarm triggered by door movement when used with SDC 1500DE series EmLocks.
- Trigger input from external device field selectable (n/o or n/c)

POWER-UP MODES

- Field selectable automatic or manual power up after emergency release or power loss. Use of manual power up complies with California Building Code (OSHPD) requirements

MODELS

DELAYED EGRESS CONTROLLER

- **101-DE** Wall mount controller with keypad control and reset, 180 mA @ 12/24 VDC

- **101-KDE** Wall mount controller with both keypad and keyswitch control and reset (less cylinder)

Magnetic Lock with Activation Sensor Specify 2 for pair of doors

INDOOR LOCKS

- **1511DEV** Single, 1650 lbs holding force, 670/350 mA @12/24 VDC, 628 finish standard

- **1571DEV** Single, 1200 lbs holding force Energy Saver, 250/125 mA @12/24 VDC, 628 std

- **1581DEV** Single, 650 lbs holding force, 440/220 mA @12/24 VDC, 628 finish standard

INDOOR/OUTDOOR LOCKS WITH ACTIVATION SENSOR AND CONDUIT FITTING

- **1575DEU** Single magnetic lock with magnetic bond sensor, 630 finish standard

- **1576DEU** Single face drilled magnetic lock with magnetic bond sensor, 630 std



Meets NFPA 80
& 101
for Life Safety



3774-0324-103
California
State
Fire Marshal
Listed



SPECIFICATIONS

Electrical Specifications

Inputs

Voltage Input	Auto sensing 12/24VDC +/-10%
Reset Input	N.O., Dry
REX Input	N.O., Dry
Trigger	N.C. or N.O., Dry
IBO/DPS	IBO: N.O., Dry DPS: N.C.

Monitoring Outputs

Alarm Output	1 Amp @ 30VDC SPDT Dry
Lock Secure Output	1 Amp @ 30VDC SPDT Dry

Mechanical Specifications

Controller Weight	6-1/2" x 4-1/2" x 1-1/2" 1.15 lbs
1581DE	8-3/4" x 2-1/8" x 1-1/4"
1571DE / 1511DE	11" x 2-3/4" x 1-9/16"
1575DE / 1576DE	8-45/64" x 2-1/2" x 1-39/64"

CODE COMPLIANCE

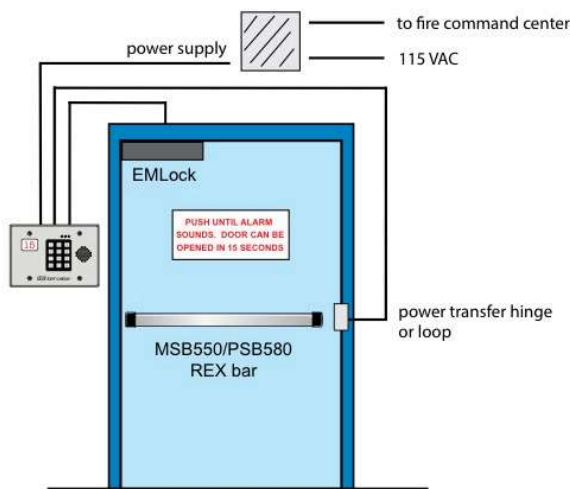
- IFC International Fire Code
- IBC International Building Code
- NFPA 101 Life Safety Code
- NFPA 1 Uniform Fire Code
- California Building Code

DISPLAY MODES

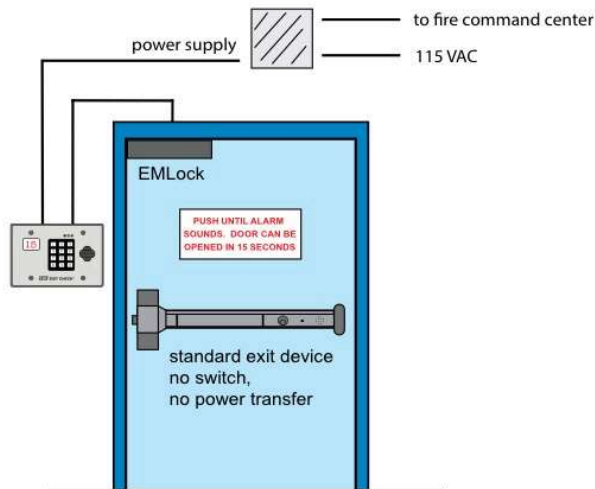
- 15** Door armed and locked.
- 00** Alarm countdown period has ended, door is unlocked and alarm sounding until reset.
- Door has been opened after REX, Bypass or Alarm.
- Door unlocked and alarm is shunted (REX or Bypass)

APPLICATION

DOOR WITHOUT LATCH ASSEMBLY
ACTIVATION BY SURE EXIT® PUSH BAR



DOOR WITH LATCH ASSEMBLY
ACTIVATION BY DOOR MOVEMENT





PRODUCT SKU SAMPLE: 101-DE NC 1571DEV D

HOW TO ORDER

1 | SPECIFY MODEL (ONE PER OPENING)

- 101-DE** Wall mount controller with keypad control and reset
- 101-KDE** Wall mount controller with both key switch and keypad control and reset

2 | SPECIFY OPERATION MODE

If no Operation Mode is specified, **NA** is the SDC Standard Supplied Code Setting

- NA** NFPA 101, IBC and IFC Compliant
Field selectable:
15 or 30 second exit delay, 1 or 2 second nuisance delay
Field selectable automatic or manual power-up after emergency release
- ND** UBC, California Building Code, OSHPD, NFPA 101, IBC & IFC Compliant
15 second fixed exit delay, 2 second nuisance delay.
Field selectable manual power up after emergency release for California and OSHPD compliance
- NH** IBC, IFC, NFPA 101 Compliant
30 second fixed exit delay, 2 second nuisance delay
- NC** CBC Compliant
15 second fixed exit delay, 2 second nuisance delay, power up unlocked fixed
- BD** BOCA National Building Code Compliant
15 second fixed exit delay, 1 second nuisance delay, auto reset 30 seconds after door closure
- BH** BOCA National Building Code Compliant
30 second fixed exit delay, 1 second nuisance delay, auto reset 30 second after door closure

3 | SPECIFY MAGNETIC LOCK WITH INTEGRATED ACTIVATION SENSOR (SPECIFY TWO FOR PAIR OF DOORS)

- 1511DEV** Single, 1650 lbs holding force, 670/350 mA @12/24VDC
- 1571DEV** Single, 1200 lbs holding force, Energy Saver, 250/125 mA @12/24VDC
- 1581DEV** Single, 650 lbs holding force, 440/220 mA @12/24VDC

Outdoor Locks

- 1575DEU** Single outdoor magnetic lock with magnetic bond sensor
- 1576DEU** Single face drilled outdoor magnetic lock with magnetic bond sensor

4 | SPECIFY MAGNETIC LOCK FINISH

- Anodized Finishes**
- V** Aluminum (standard)
 - Y** Black anodized
- Painted Finishes**
- X** Dark bronze powder coat

5 | SPECIFY MONITORING (OPTIONAL)

- D Door Position Sensor:** Indicates door open and door closed. Specify two for double doors (not available with 1581, 1575 and 1576) SPDT Dry, 250 mA @ 30VDC.
- B Magnetic Bond Sensor:** Indicates locked and unlocked, low holding power, tampering and obstruction between armature and magnetic core. Specify (2) for double doors (1581DE SPST only)

SEE PAGE 99 FOR DELAYED EGRESS EXIT DEVICE

ACCESSORIES see also page 55 for more accessories

- 1575DE-ZB** Inswing mounting bracket for 1576DEU
- 101-1AK** Outdoor reset with LED and audible annunciator, 2-gang outdoor box required
- 101-SPSN** Remote Single Gang Annunciator with speaker and 80db tone. Duplicates ExitCheck alternating voice message and tone.

see also page 15 for additional mounting kits and angle brackets

- DEC-J** 3-gang interior surface mount box for 101-DE
- SHD-J** Shroud for surface mount box DEC-J outdoor use





Delayed Egress Accessories

RESET STATION CONTROLS

Reset Station for ND and NH functions
Reset not required for BD and BH function



918
EntryCheck™ digital keypad
500 user codes,
Keyless Reset /
manual power up /
bypass



728
Key switch 2 keys,
1 gang Reset /
manual power up /
sustained bypass



728L
Key switch 2 keys,
1 gang, LED status
indicator Reset/
manual power up/
sustained bypass

LATCH TRIGGER



MS-16
Latch Trigger
Switch
For doors
equipped with
Mortise Locks
and Mortise
Exit Devices.
Wiring from the
door to frame is
eliminated

STATION CONTROLS & ANNUNCIATORS

While the Exit Check® is equipped with a standard built-in key switch for reset and bypass functions, wall mounted stations provide for convenient alarm reset, sustained bypass or timed bypass. Remote annunciators provide quick identification of activated openings, enabling security or care personnel to respond rapidly. Annunciators are equipped with an audible alarm and each station is identified by one tri-color LED that identifies specific mode status.

Secure - Green
Activation - Amber x
Audible Tone
Unlocked - Red x
Audible Tone



920
EntryCheck™ digital keypad
500 user codes, Keyless
Reset / manual
power up / bypass



101-1A
The single station
annunciator is
equipped with a
tri-color LED and
audible alarm.



101-AK
Visual and audible
annunciation and
key switch for
alarm reset, manual
power up and
sustained bypass.



101-PAM
Visual and audible
annunciation,
timed access,
sustained bypass,
and audible mute.



101-4AM
Provides visual
and audible
annunciation with
audible mute for
two, three or four
openings.

700R Series Single Gang Key Switches

The SDC 700R Series Single Gang Key Switch assemblies provide an economical method of providing authorized control for a variety of applications.

FEATURES

- Compatible 1" to 1-3/8" (Mortise key cylinder not included)
- Reset Key Switch Assembly
- Security Spanner Screws
- Vandal Resistant Cylinder Recess

SPECIFICATIONS

Faceplate	20 Gauge Stainless Steel, Single Gang
Reset Key Switch Assembly	702R: Reset Keyswitch 707R: Reset Switch with Dual Function for Bypass (authorized egress) and Reset 708R: Reset Switch for Bypass (on/off) and Reset
Contacts	702R: MO SPDT Dry Contact 707R: (2) MO SPDT Dry Contact 708R: (1) Maintained and (1) MO SPDT Dry Contact
Contact Rating	6 Amp @ 30VDC max.
Wire Leads	7", 22 Gauge
Weight	0.5 lbs



MODELS

- 702RU** Wall Mount Reset Key Switch Assembly
- 707RU** Remote Reset Key Switch with dual Function for Authorized Egress & Reset
- 708RU** Remote Reset Key Switch for Bypass & Reset

SURE EXIT REQUEST-TO-EXIT

The Sure Exit is a non-latching, heavy duty, request-to-exit push bar that will activate the Exit Check® when slight pressure is applied to the bar. Metal Endcaps standard.



PSB560V Aluminum Anodized
PSB560Y Black Anodized



MECHANICAL SWITCH BAR

SDC's MSB550 is designed to release electromagnetic door locks for uninhibited egress. When slight pressure is applied a microswitch is actuated, immediately releasing the electromagnetic door lock. Metal Endcaps standard.



MSB550V Aluminum Anodized
MSB550Y Black Anodized

CONSOLES, DESKTOP AND RACK MOUNT

SDC control and annunciator panels provide remote annunciation of multiple openings. Stations are specified in sets of four. Control switches are also available and capable of providing both sustained bypass and timed unlocking of individual doors. Consult the factory or refer to SDC control console datasheets for additional specifications.



TCC Desk Top
Stations: 4, 8 & 12



RCC Rack Mount
Stations: 4 - 20



CAB Desk Top Cabinet
CAB7:
Accommodates 1 RCC
CAB12:
Accommodates 2 RCC

POWER SUPPLIES

Delayed egress applications require properly approved power supplies with emergency release capability.

- 621B** Power supply module, 1 Amp 12/24VDC, Class 2. 40VA, 24VAC transformer required to achieve 1 Amp output. See SDC TP2440 plug-in or TJ2440 base mount transformers
- 621P** Power supply module, 1 Amp, 12/24VDC, Class 2, with UL Listed plug-in transformer.
- 621PJ** Power supply module, 1 Amp, 12/24VDC, Class 2 and small enclosure with cover mounted LED power supply status indicator and UL Listed plug-in transformer.
- 602RF** 1 Amp class 2 output (4 outputs optional.)
- 631RF** 1.5 Amp class 2 output (4 & 8 outputs optional.)
- 632RF** 2 Amp class 2 output, (4, 8 & 12 outputs optional.)
- 634RF** 4 Amp; Field select one 4 Amp output or two 2 Amp class 2 outputs. (4, 8, 12 & 16 outputs optional.)
- 636RF** 6 Amp; Field select one 6 Amp output or three 2 Amp class 2 outputs (4, 8, 12, 16, 20 & 24 outputs optional)



621B



621P



621PJ



602RF



631RF



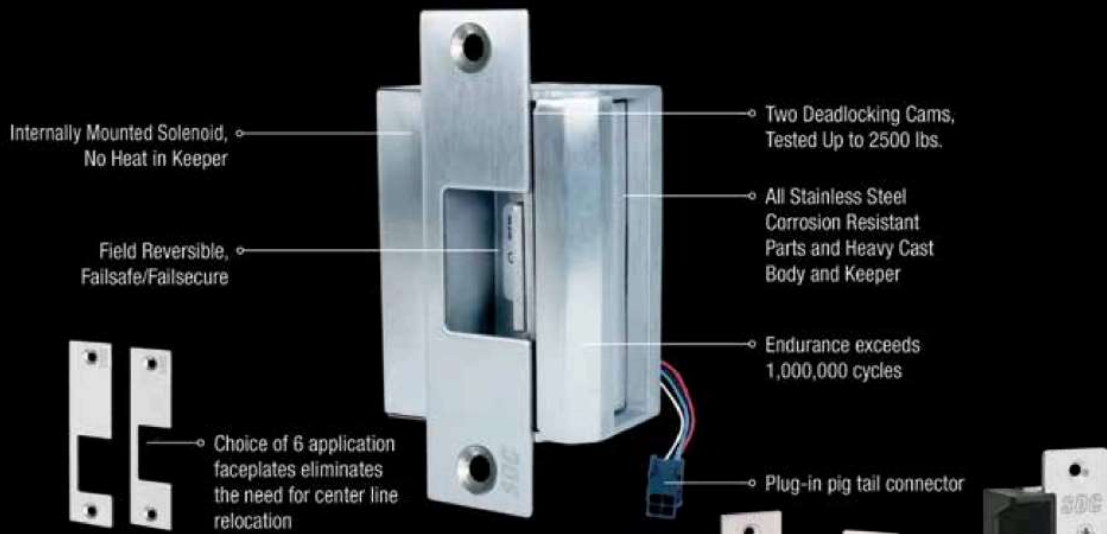
632RF



634RF

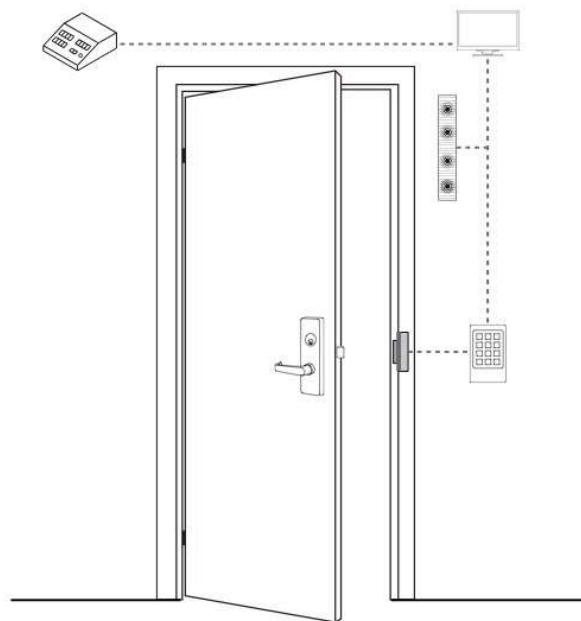


636RF



Electric Strikes

An SDC electric strike enables the electrical release of a locked mechanical latch or bolt. Compatible with any access control, SDC electric door strikes are available in a variety of configurations to accommodate several types of mechanical locksets and door and frame styles.



15 Series Electric Strike

The SDC 15 Series Electric Strike is a Centerline Latch Entry* strike designed for use with Cylindrical lockset with up to 3/4" (19mm) throw latchbolts. The 15 series electric strikes incorporates all stainless steel deadlocking mechanism and an internally mounted solenoid.

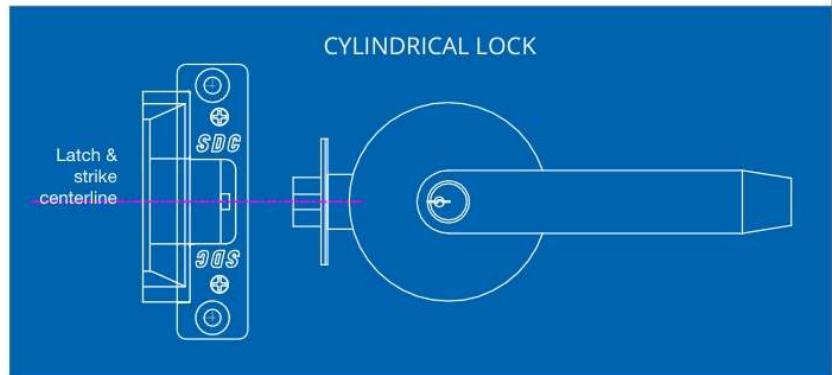
*Centerline Latch Entry: The latch must enter at the strike "Centerline" located exactly between the top and bottom of the strike faceplate. Refer to strike installation instructions and template to determine strike location prior to frame preparation for New and Retrofit installations.

Not recommended for wood applications.

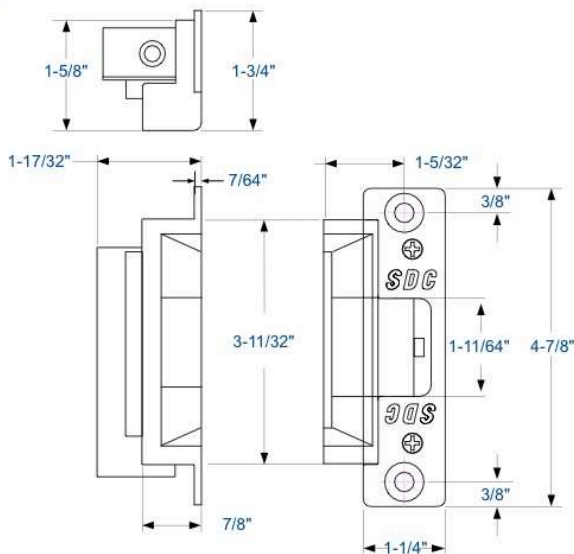


FEATURES

- For use with 5/8" latchbolt, or up to 3/4" latchbolt with 1/8" door gap
- Choice of failsafe or failsecure
- Non-handed
- All stainless steel parts with durable die case body for corrosion resistance¹
- 630 Satin stainless steel face plate
- Screw terminals



INSTRUCTIONS



MODEL

- **15-4S24U**
Failsecure, 24VDC continuous;
- **15-4F24U**
Failsafe, 24VDC continuous
- **15-4SU**
Failsecure, 12VDC continuous
- **15-4FU**
Failsafe, 12VDC continuous

SPECIFICATIONS

Voltage	150 mA @ 24VDC 200 mA @ 12VDC
Dimensions	1-1/4" W x 4-7/8" H x 1-1/2" D
Weight	2.0 lbs



APPLICATION



920 IPRW Wiegand Access Control Keypad or Reader
see page 155 and page 151



IPPro IP-based Access Control Controller
see page 147



602RF 1 Amp, 12/24 VDC Class 2 Output Power Supply
see page 239

25 Series Electric Strike

The SDC 25 Series Electric Strike is a Centerline Latch Entry* strike designed for use with Cylindrical lockset with up to 5/8" (15mm) throw latchbolts. The compact low profile design with an internally mounted solenoid and factory supplied mounting tabs enable quick and easy installation where jamb space is limited. The heavy duty construction makes the 25 Series ideal for high traffic installations.

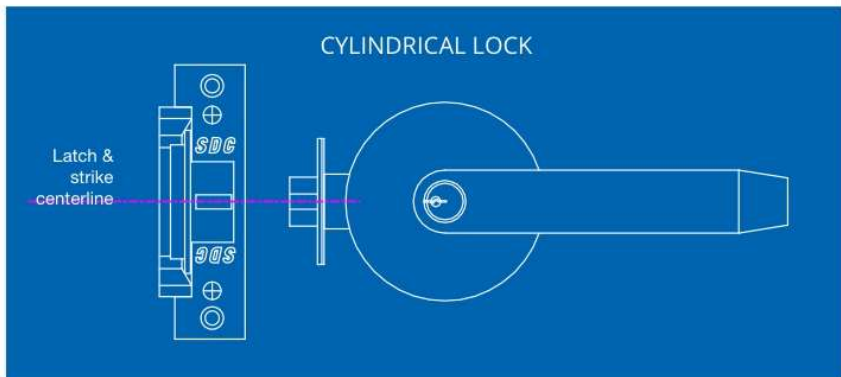
*Centerline Latch Entry: The latch must enter at the strike "Centerline" located exactly between the top and bottom of the strike faceplate. Refer to strike installation instructions and template to determine strike location prior to frame preparation for New and Retrofit installations.



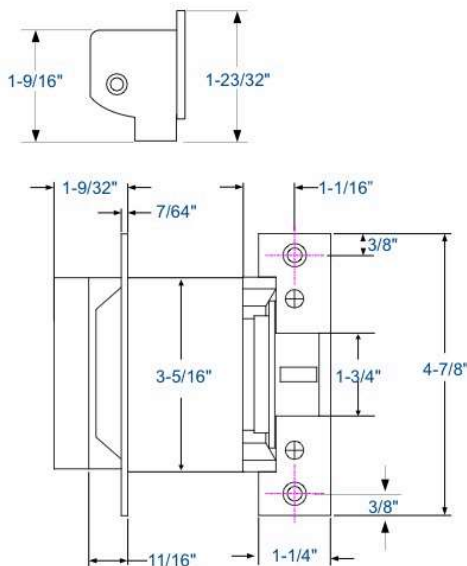
Not recommended for wood applications.

FEATURES

- Fail-Secure, reversible for failsafe operation
- For 1/2" latch or 5/8" latch with 1/8" door gap
- Latch status output
- Non-handed, reversible
- All stainless steel parts with durable diecast body for corrosion resistance
- 630 Stainless steel standard finish



INSTRUCTIONS



MODEL

25-4U
4-7/8" (124mm) faceplate for aluminum, and hollow metal frames.

ACCESSORIES

- RMB** Buzzer 12/24V AC/DC operation
- BR64XL** Rectifier for AC operation

SPECIFICATIONS

Input	200/100 mA @ 12/24VDC
Latch Status	SPDT, 3 Amp @ 30VDC
Dimensions	1-1/4" W x 4-7/8" H x 1-1/4" D
Weight	2.0 lbs



Electric Strikes



30 Series Electric Strike

The SDC 30-4 Series electric strike is designed for use with rim mount exit devices having pullman type latchbolts or the top pullman latch of a surface vertical-rod exit device.

FEATURES

- All stainless steel for corrosion resistance and strength
- Tamper resistant, heavy-duty construction
- Set screws for adjustment lockdown
- Milled ramps to better accommodate deadlatches
- Integrated shim for quick customization of faceplate
- thickness (3/4" to 1/2")
- In-frame horizontal adjustability
- Pullman keeper
- Non-handed, reversible
- Failsecure (standard) Failsafe (optional)
- 3/4" keeper depth
- Static strength 1,500 lbs.
- Dynamic strength 70 ft-lbs.



PRODUCT SKU SAMPLE: 30-4-12 U

HOW TO ORDER

1 | SPECIFY MODEL

30-4-12 electric strike
12VDC Electric Strike with 0.75" faceplate. Faceplate is 0.5" without 1/4" spacer

30-4-24 electric strike
24VDC Electric Strike with 0.75" faceplate. Faceplate is 0.5" without 1/4" spacer.

2 | SPECIFY FINISH

U 630 Stainless Steel (standard)

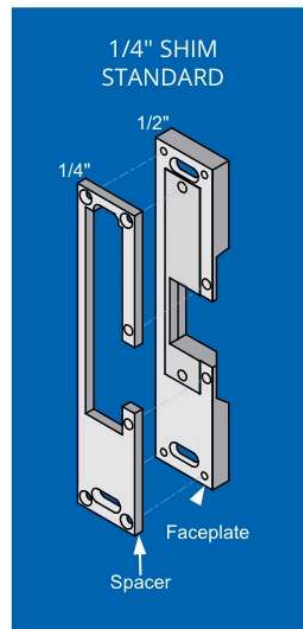
3 | SPECIFY OPTIONS

- FS** Failsafe operation
- LBM-30** Latchbolt Monitor
- LCM-30** Locking Cam Monitor
- BR64XL** Rectifier for AC operation

SPECIFICATIONS

Voltage	510 mA @ 12VDC 250 mA @ 24VDC
Dimensions	9" H x 1-3/4" W, 1 23/32" D
Weight	2.0 lbs

- CAN4-S104 (ULC-S104) fire door conformant
- DOD approved
- New York City accepted



Electric Strikes



UniFLEX™ 45 Universal Electric Strike/Door Release

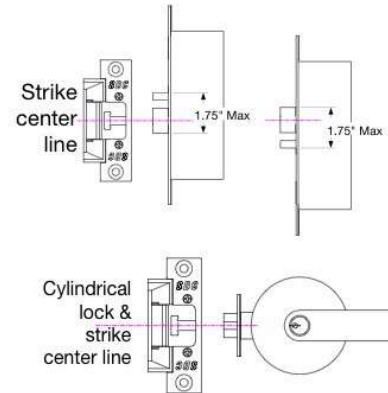
The SDC UniFLEX Electric Strike is Centerline Latch Entry* strike designed for use with Cylindrical and Mortise locksets with up to 3/4" (19mm) throw latchbolts.. The quality construction makes the 45 series ideal for high traffic applications. The compact low profile design enables quick and easy installation where jamb space is limited.

*Centerline Latch Entry: The latch must enter at the strike "Centerline" located exactly between the top and bottom of the strike faceplate. Refer to strike installation instructions and template to determine strike location prior to frame preparation for New and Retrofit installations. See SDC strike template and installation instructions for both retrofit and new installation details.



FEATURES

- Centerline Electric Strike
- 4 Interchangeable Application Faceplates
- Full Monitoring is Standard, Including: Latched and Unlatched Status, Keeper Closed and Deadlocked, or Unlocked
- Keeper Open Status Optional
- Reversible Failsafe/Failsure, no disassembly
- 1/4" Horizontal Alignment Adjustment
- Plated Architectural Finishes Available
- For 5/8" latch or 3/4" latch with 1/8" door gap
- Latch position status standard
- Keeper closed & deadlocked/unlocked status standard
- Field selectable failsure - failsafe
- Field selectable voltage
- 1/4" Horizontal alignment adjustment
- Low profile, 1-3/16" deep
- Plug-in wire connectors
- Mounting tabs
- Non-handed
- All stainless steel parts with durable die cast body for corrosion resistance
- Fewer moving parts for maximum life
- Stainless steel standard with square corner faceplate
- Aluminum standard with radius corner faceplate
- ANSI/ BHMA A156.31, Grade 2



MODEL	
45-4S	4-7/8" x 1-1/4" square corner faceplate
45-4R	4-7/8" x 1-1/4" radius corner faceplate
45-6R	6-7/8" x 1-1/4" radius corner faceplate
45-7R	7-15/16" x 1-7/16" radius corner faceplate
45-A	Included: One 4-7/8" square corner faceplate One 4-7/8" radius corner faceplate One 7-15/16" radius corner faceplate

45F-4S Identical design to the 45 Strike, but made completely out of **Stainless Steel** so that it can withstand fire. Has been tested and rated to be considered a **Grade 1** strike.

Call factory for faceplate availability with this strike or check our website SDCsecurity.com



SPECIFICATIONS

Electrical

Dual Voltage Coil 200/100mA @ 12/24V DC
140/70mA @ 12/24V AC

Latch Position Status (std) SPDT, Dry 3Amp @ 30V

Keeper Closed & Locked Status (std) SPDT, Dry 3Amp @ 30V

Keeper Open/Closed Status (optional) SPDT, Dry 3Amp @ 30V

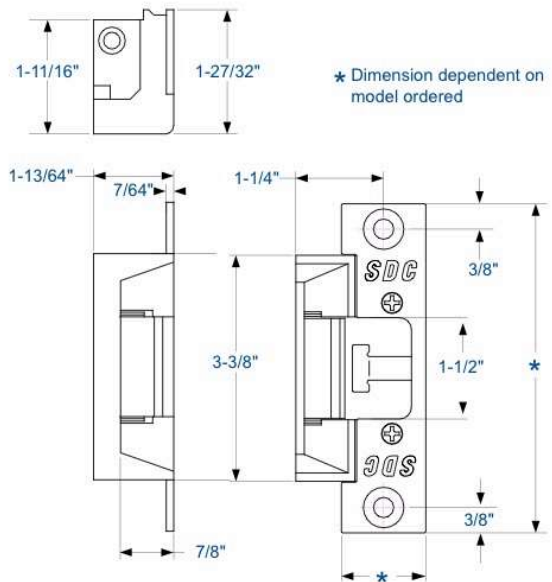
Dimensions

45-4S / 45-4R	1-1/4" W x 4-7/8" H x 1-3/16" D
45-6R	1-1/4" W x 6-7/8" H x 1-3/16" D
45-7R	1-7/16" W x 7-15/16" H x 1-3/16" D
Weight	2.0 lbs

INSTRUCTIONS



45 SERIES DIMENSIONS



PRODUCT SKU SAMPLE: **45-4S U**

HOW TO ORDER

1 | SPECIFY MODEL

45-4S 4-7/8" x 1-1/4" square corner faceplate
45-4R 4-7/8" x 1-1/4" radius corner faceplate
45-6R 6-7/8" x 1-1/4" radius corner faceplate
45-7R 7-15/16" x 1-7/16" radius corner faceplate
45-A Included: One 4-7/8" square corner faceplate
 One 4-7/8" radius corner faceplate
 One 7-15/16" radius corner faceplate
45F-4S Stainless Steel strike (fire rated)
 with 4-7/8" x 1-1/4" square corner faceplate

Latch Position Status Standard
 Keeper Closed and Deadlocked/Unlocked Status Standard

2 | SPECIFY FINISH

U 630 Dull Stainless Steel (standard with 45-4S)
V 628 Dull Aluminum (standard with 45-4R, 45-6R and 45-7R)
Y 335 Black Anodized
D 606 Dull Brass
H 613 Oil Rubbed Bronze

3 | SPECIFY OPTIONS

K Keeper open/closed status
RMB Buzzer 12/24V AC/DC operation

UniFLEX™ 55 Series Universal Application Strike

For New or Retrofit Construction. Retrofits Existing ANSI 4-7/8" Strike Prep
– No Centerline Relocation

UniFLEX™ 55 Series heavy duty electric strikes are designed for installation in hollow metal frames for access control of cylindrical and mortise locksets and mortise exit devices. The choice of 6 application faceplates eliminates the need for centerline relocation, making them ideal for new or retrofit , high security access control applications.



FEATURES

- No Centerline Relocation
- Up to ¾" Latchbolt and 1" Deadbolt
- Field Reversible, Failsafe/Failsecure
- 1/8" Horizontal alignment adjustment
- ANSI/BHMA A156.31 Grade 1
- Factory tested 2500 lbs, exceeds 1,000,000 cycles
- UL tested 1500 lb Static strength
- 70 ft-lb Dynamic strength
- Internally Mounted Solenoid, No Heat in Keeper
- Dual Voltage 12/24VDC
- Tamper Resistant
- All Stainless Steel Corrosion Resistant Parts and Heavy Cast Body and Keeper
- Non-handed (Deadbolt status handed)
- Plug-in pig tail connectors



REVERSIBLE FAILSAFE/FAILSECURE

Failsecure (Power-to-Unlock):
Unlocked when energized. Locked when de-energized and during power failure.

Application: For non fire rated and fire rated doors (exception, may not be used on stairwell doors). May not be maintained in the unlocked (energized) state when used with fire rated doors.

Failsafe (Power-to-Lock):
Locked when energized. Unlocked when de-energized and during power failure.

Application: Non-fire rated doors only.

CAUTION: Failsafe is not permitted with the UL Fire Door Accessory label.

MODELS

55-ABC UniFLEX™ Universal Strike
(includes A, B and C faceplates and strike body)

55-A, 55-B, 55-C, 55-D, 55-E, 55-F

UniFLEX™ Spec with specific faceplate includes strike body (see page 69 for application)

UniFLEX™ Universal Strike
55-ABC

55-ABC Universal Strike for cylindrical locks, mortise locks without deadbolts and mortise exit devices, including:

SDC	Corbin	Marks
Accurate	Russwin	Sargent
Arrow	Dorma	Schlage
Baldwin	Falcon	Yale
Best	Hager	



SPECIFICATIONS

Electrical	
Dual Voltage Power Input	600/300 @ 12/24V DC
Contacts	SPDT, Dry, 5Amp @ 30V
Weight	3.0 lbs

PRODUCT SKU SAMPLE: **55-D U DBM-L**

HOW TO ORDER

1 | SPECIFY MODEL

- 55-A** Compatible locks with all cylindrical locksets with up to 5/8" latch.
- 55-B** Mortise locksets and exit mortise devices with or without a deadlatch located below the latchbolt.
Accurate, Arrow, Best, Corbin Russwin, Dorma, Falcon, Marks, Sargent, Yale.
- 55-C** Mortise locksets and mortise exit devices with or without a deadlatch located above the latchbolt.
SDC, Schlage, Baldwin, Hager
- 55-D** Mortise locksets with a deadbolt and deadlatch located **below** the latchbolt.
Accurate, Arrow, Best, Corbin Russwin, Dorma, Falcon, Marks, Sargent, Yale.
- 55-E** Mortise lockset with deadbolt and **no deadlatch** feature. Baldwin
- 55-F** Mortise locksets with a deadbolt and a deadlatch located **above** the latchbolt.
SDC, Schlage, Hager.

2 | SPECIFY FINISH

- U** 630 Stainless Steel (std)
- D** 606 Dull Brass
- G** 612 Dull Bronze
- H** 613 Oil Rubbed Bronze
- P** 625 Bright Chrome
- Q** 626 Dull Chrome

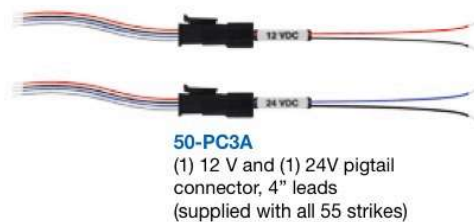
3 | SPECIFY MONITORING OPTIONS

- LBM** Latchbolt Monitor. Signals the door is closed and latched or unlatched and open. Non-handed.
- LBM/LCM** Door Secure Monitor. Signals door is closed latched and the keeper is deadlocked. Also signals the door is unlatched or unlocked. Non-handed.

3 | SPECIFY DEADBOLT MONITORING (AVAILABLE ONLY FOR 55-D, 55-E, 55-F)

- DBM-L** Deadbolt Monitor, Left Hand
- DBM-R** Deadbolt Monitor, Right Hand

ACCESSORIES



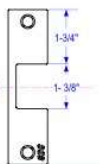

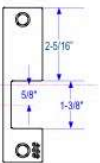

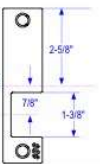

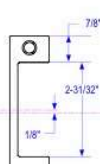
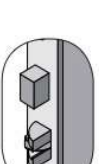
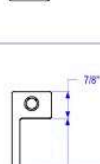

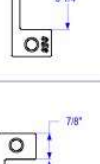

 APPLICATION

UNIFLEX™ SPEC - APPLICATION SPECIFIC FACEPLATES INCLUDED

Lock Compatibility: To determine compatibility of locksets not listed below, see faceplate dimensions.

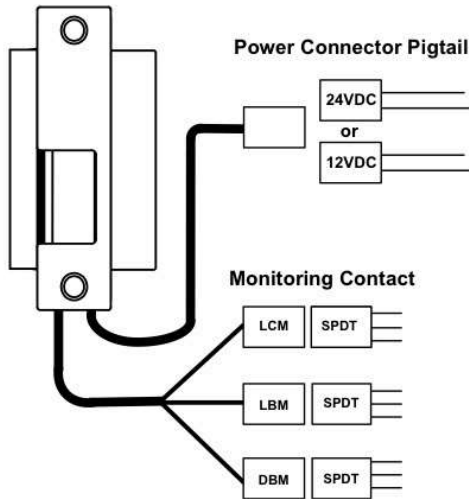
UniFLEX Spec models include strike and faceplate for individual job requirements.

Recommend for specifiers and industry professionals for fast and easy specification of individual installation requirements.

MODEL	FACEPLATE DIMENSION	LOCKSET	APPLICATION	COMPATIBLE LOCKS	OPERATION
55-A			<ul style="list-style-type: none"> •Cylindrical locksets •Locksets with ANSI centerline latch entry lockset with up to 3/4" latchbolt 	<ul style="list-style-type: none"> •All cylindrical locksets with 1/2" to 5/8" latchbolts •Locksets with ANSI centerline latch entry with up to 3/4" latchbolt 	After releasing the latchbolt, the keeper returns to the locked position.
55-B			<ul style="list-style-type: none"> •Mortise locksets and mortise exit devices with or without a deadlatch located <u>below</u> the latchbolt. 	<ul style="list-style-type: none"> •Accurate •Arrow •Best •Corbin Russwin •Dorma •Falcon •Marks •Sargent •Yale •PDQ 	After releasing the latchbolt, the keeper returns to the locked position.
55-C			<ul style="list-style-type: none"> •Mortise locksets and mortise exit devices with or without a deadlatch located <u>above</u> the latchbolt. 	<ul style="list-style-type: none"> •Schlage •Baldwin •Hager 	After releasing the latchbolt, the keeper returns to the locked position.
55-D			<ul style="list-style-type: none"> •Mortise locksets with a deadbolt and a deadlatch located <u>below</u> the latchbolt. •With deadbolt retainer installed, access control will not release projected deadbolt. •With deadbolt retainer removed, access control will release deadbolt. The door will not close when deadbolt is projected. 	<ul style="list-style-type: none"> •Accurate •Arrow •Best •Corbin Russwin •Dorma •Falcon •Marks •Sargent •Yale •PDQ 	Deadbolt Retracted: When signaled by the access control the strike keeper unlocks, permitting door latch release. The strike keeper returns to the closed and locked position. The door then returns to the closed and locked position.
55-E			<ul style="list-style-type: none"> •Mortise lockset with a deadbolt. •With deadbolt retainer installed, access control will not release projected deadbolt. •With deadbolt retainer removed, access control will release deadbolt. The door will not close when deadbolt is projected. 	<ul style="list-style-type: none"> •Baldwin 	Deadbolt Retainer Installed <u>Night-Latch/Access Control Lockout:</u> When the deadbolt is projected the strike will not release by access control. Deadbolt Retainer Removed <u>Night-Latch:</u> When the deadbolt is projected, the strike keeper unlocks, permitting door latch and deadbolt release by the access control. The strike keeper returns to the closed and locked position. The door will not close and lock when the deadbolt is extended and must be manually retracted to permit door closure.
55-F			<ul style="list-style-type: none"> •Mortise locksets with a deadbolt and a deadlatch located <u>above</u> the latchbolt. •With deadbolt retainer installed, access control will not release projected deadbolt. •With deadbolt retainer removed, access control will release deadbolt. The door will not close when deadbolt is projected. 	<ul style="list-style-type: none"> •Schlage •Hager 	Deadbolt Retracted: When signaled by the access control the strike keeper unlocks, permitting door latch and deadbolt release by the access control. The strike keeper returns to the closed and locked position. The door will not close and lock when the deadbolt is extended and must be manually retracted to permit door closure.

INSTRUCTIONS

FIG. 1 WIRE DIAGRAM
55 SERIES ELECTRIC STRIKE



HIGH SECURITY DOOR SECURE MONITORING:
LBM/LCM Required
LCM & LBM wired in series indicates door is closed, latched and deadlocked or door is unlatched, open or unlocked.

FIG. 2 FIELD REVERSIBLE
FAILSAFE / FAILSECURE

Failsecure Mode: Factory supplied, Failsecure
Failsafe Mode: Remove cover, push solenoid toward end of strike as shown below.

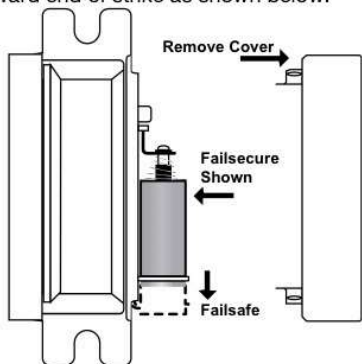


FIG. 3 QUICK CONNECT POWER INPUT
(INCLUDED WITH STRIKES)

- 12VDC and 24VDC pigtails Included
- No need to cut and splice wires to configure voltage
- Fewer wire nuts required
- Small connectors provide organized space saving wiring
- Easy troubleshooting



FIG. 4 QUICK CONNECT BUZZER (SEE ACCESSORIES)

- Buzzer in line between small connectors
- For failsecure strikes, audible tone indicate unlocked
- No need to cut and splice wires
- Reduces wire nut connections
- Small connectors provide organized space saving wiring
- Easy troubleshooting



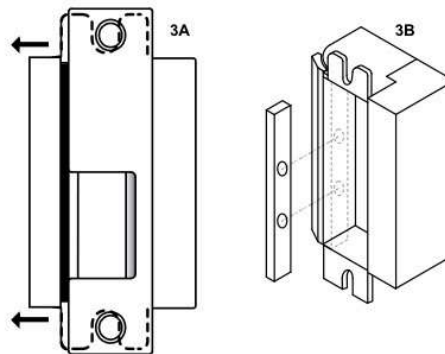
FIG. 5 QUICK CONNECT BRIDGE RECTIFIER (SEE ACCESSORIES)

- Bridge rectifier in line between small connectors
- No need to cut and splice wires
- Eliminates 4 wire nut connections
- Small connectors provide organized space saving wiring
- Easy troubleshooting



FIG. 6 HORIZONTAL ALIGNMENT ADJUSTMENT

3A-Nominal Alignment: Loosen mounting screws. Shift strike body behind the faceplate horizontally. Tighten mounting screws.
3B-Excessive Alignment Issues: Remove shim filler bar from keeper.



Latch & Deadbolt Monitoring Strikes



Compatible with Mechanical, Electrified and Battery Powered

- Cylindrical Locksets
- Mortise Locksets With or Without Deadbolts
- Deadbolts
- Mortise Exit Devices

APPLICATIONS

- Latch Status & Request-to-Exit Signaling for Mechanical and Electrified Cylindrical and Mortise Locks & Mortise Exit Devices
- Latch Status & Request-to-Exit for Battery Powered Locks
- Deadbolt Status
- Alarm Shunt or Activation
- Interlock and Mantrap Signaling
- Door Ajar or Forced Entry Signaling
- Shared Bathrooms: Ensures Unlocking of Both Doors When Exiting Either Door of a Shared Bathroom
- Delayed Egress Lock Activation, Eliminates Need for Exit Device Switch and No Wires in Door

FEATURES

- For Standard ANSI 2-3/4" or 4.3/4" Strike Plates (Provided by Others)
- Solid Stainless Steel Actuators Installed in Heavy Gauge Strike Back Box
- Unobtrusive, Vandal Resistant Actuators Are Recessed to Inhibit Tampering.
- Field Adjustable for Latch & Bolt Length
- SPDT and DPDT Contacts Available
- All Wiring Maintained in Frame, Eliminating the Need for Power Transfer Devices and Wires in the Door, Maintaining Fire Door Integrity





MS-14



MS-16



MS-18



MS-20

Strike plate provided by others

MODELS

-  **MS-12** SPDT Cylindrical latch or tubular deadbolt monitor 2-3/4"
-  **MS-14** SPDT Cylindrical latch monitor 4-7/8"
-  **MS-16** SPDT Mortise lock latch monitor
-  **MS-18** SPDT Mortise lock deadbolt monitor
-  **MS-20*** SPDT Mortise lock latch and deadbolt monitor
- MS-12D** DPDT Cylindrical latch monitor 2-3/4"
- MS-14D** DPDT Cylindrical latch monitor 4-7/8"
- MS-16D** DPDT Mortise lock latch monitor
- MS-18D** DPDT Mortise lock 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



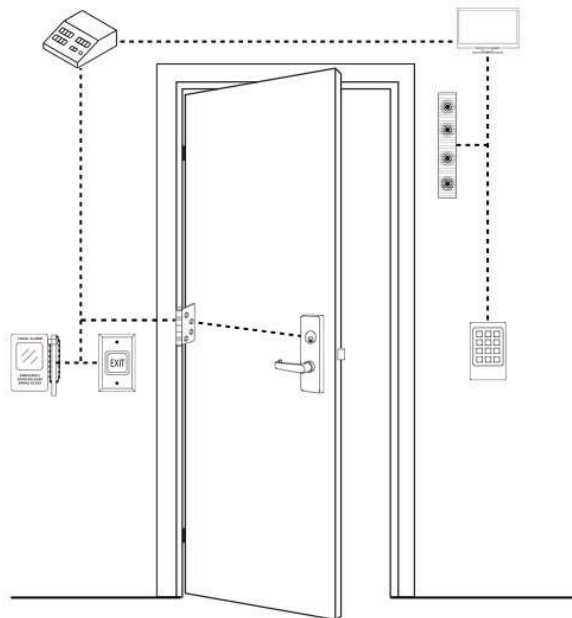


Electrified Lockset

Building and fire life safety code compliant for fire rated office doors, corridor doors, lobby doors, exit doors and stairwell doors.

HiTower®, Selectric® and Electra™ locksets provide both the locking and latching features required for fire rated doors to meet security needs and fire life safety code requirements. Whether failsafe or failsecure, controlled access and remote control capability is provided while the door stays latched even when unlocked, maintaining fire door integrity.

Since 1973 SDC has set the standard for security, safety and performance for electric locksets. Thousands of SDC electrified locksets have been installed in buildings dominating city skylines worldwide.



Electra™ Pro 7200 Series

Electrified Cylindrical Locksets



Electra™ Pro Electrified Cylindrical Locksets are designed for the access control of openings in commercial, industrial and institutional facilities where code compliance, dependable operation and resistance to physical abuse is required.

FEATURES

- Latch Status Output Standard with All Locksets
- Dual Voltage 12 and 24VDC
- Choice of Failsafe or Failsecure Operating Mode
- Clutch Allows The Lever to Operate While The Door Stays Locked for Increased Vandal and Abuse Resistance
- Independent Power Return Springs for Effective Lever Action and Prevention of Lever Sag
- SDC Cylinder with 'C' Keyway
- Small Format Interchangeable Core (Optional)
- No Exposed Mounting Screws
- Strikes Available to Match Existing Frame Preparation
- Choice of Seven Architectural Finishes
- Exceeds ANSI A156-2 Grade 1 Specifications
- SDC Lever Handle Styles Comply with ADA Easy Access Requirements and CSFM, California State Fire Marshal, Title 19
- May Be Used in New or Retrofit Construction
- Building and Fire Life Safety Code Compliance
- Ideal for High Usage Environments
- Retrofits Existing Mechanical Lock Prep

MODELS

7200 Series Locksets are locked on the outside and unlocked from the exterior by an access control or mechanical key. The inside lever is always operable for uninhibited egress.

Z7250 Failsafe - Outside locked when energized, unlocked by an access control or key from the outside and rotating the inside lever provides egress at all times

Z7252 Failsecure - Outside locked when de-energized. Unlocked by an access control or key from the outside and rotating the inside lever provides egress at all times



3774-0324-104

APPLICATIONS

BUILDING AND FIRE LIFE SAFETY CODE COMPLIANT

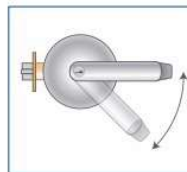
Electra™ Pro electrified cylindrical locks ensure that the door stays latched even when unlocked, maintaining fire door integrity. Electra™ Pro locksets comply with all national building and fire life safety code requirements for use on fire rated doors, including high-rise stairwell and elevator lobby doors where the use of electric strikes and magnetic locks is prohibited.

SECURITY WITH SUPERIOR AESTHETICS

Available in failsafe and failsecure modes to accommodate either security or fire life safety applications, Electra™ Pro Z7200 electrified locksets provide a superior appearance compared to exposed and vulnerable electric strikes and magnetic locks, while eliminating the need for request-to-exit devices.

SPECIFICATIONS

Voltage	Dual 12/24VDC Input
Current	600/300mA @ 12/24VDC
Latch Status Output	SPDT 3 Amps @ 30VDC
Latch Bolt	9/16" Throw
Backset	2-3/4"
Strike	4-7/8" ANSI A115.2
Door Thickness	1-3/4" to 2-1/8"
Weight	7.0 lbs



Vandal Resistant Lever Handles Standard With SDC Brand Lockset

When locked, the built-in clutch permits the handles to operate without retracting the latch, reducing potential for damage.

PRODUCT SKU SAMPLE: **Z7250 E Q R 6PKA**

HOW TO ORDER

1| SPECIFY MODEL

- Z7250** SDC Failsafe, with Latch Status Output
- Z7252** SDC Failsecure, with Latch Status Output

2| SPECIFY LEVER TRIM



G Galaxy



E Eclipse



G5 Galaxy I-Core prep



E5 Eclipse I-Core prep

3| SPECIFY FINISH

- Q** 626 Dull Chrome (Standard)
- C** 605 Bright Brass
- D** 606 Dull Brass
- H** 613 Oil Rubbed Bronze
- P** 625 Bright Chrome

4| SPECIFY INSIDE REX (OPTIONAL)

- R** Request-to-exit Output, operates on activation of inside lever, SPDT 0.1A @ 30VDC

5| SPECIFY CYLINDER

- SDC Conventional Cylinders** (Schlage "C" Keyway Standard)
- 6PKA** 6 Pin Keyed alike
- 6PKD** 6 Pin Keyed different (Standard)

OR SPECIFY I-CORES (OPTIONAL)

- [IC]** Interchangeable Core (Best 'A' Keyway Standard)
- IC7P-KA** 7 pin I-Core, Small Format, Keyed alike
- IC7P-KD** 7 pin I-Core, Small Format, Keyed different



6| SPECIFY LATCH AND BACKSET ASSEMBLIES (OPTIONAL)

- B1** 2-3/4" Backset Latchbolt (Standard)

7| SPECIFY STRIKE PLATES (OPTIONAL)

- ST1** ANSI 1-1/4" x 4-7/8" (Standard)
- ST2** T-Strike with Dust Box. 1-1/8" x 2-3/4" MUST BE SPECIFIED

ACCESSORIES

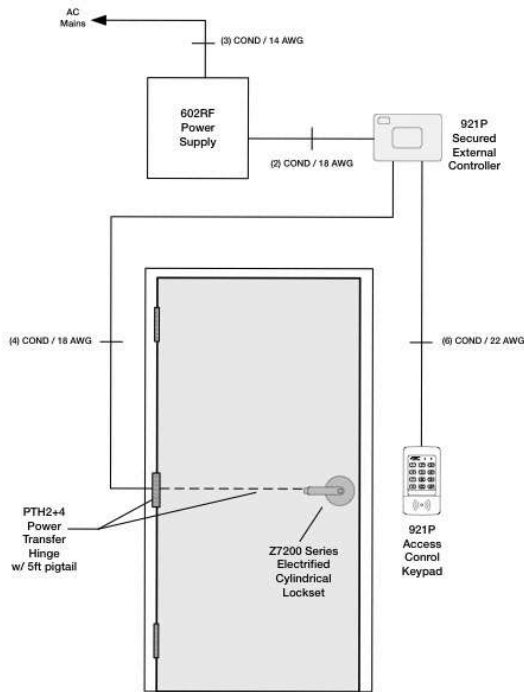
- PTH-4Q** Four Wire, Dull Chrome
- PTH-10Q** Ten Wire, Dull Chrome
- PTH-2+4Q** Six Wire Electric Hinge 1-pair 16 Amp inrush, 4 Amp continuous; 2 -pair 1 Amp @ 12/24V



see page 229

UL 10B Listed for 3hr Fire Rated Door

APPLICATIONS



921P Access Control Keypad - 2 piece
see page 159



PTH Power Transfer Hinge
see page 229



602RF 1 Amp, 12/24 VDC Class 2 Output Power Supply
see page 239



IPPro IP-based Access Control Controller
see page 147



920PW Wiegand Access Control Keypad or Reader
see page 155 and page 151



PTH Power Transfer Hinge
see page 229



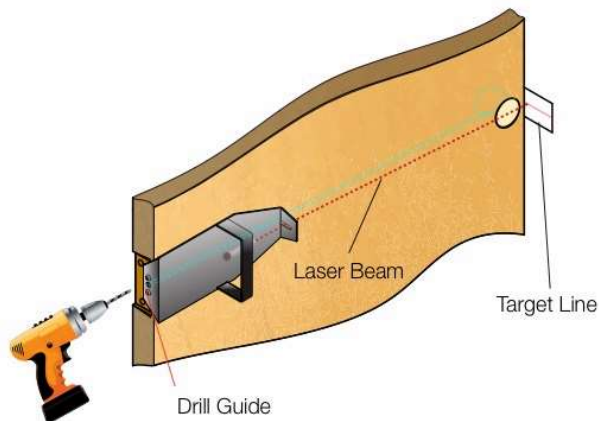
602RF 1 Amp, 12/24 VDC Class 2 Output Power Supply
see page 239

ACCESSORIES

LASER GUIDED DRILL FIXTURE KIT



Pilot Drill Guide



Laser Beam

Target Line

Drill Guide



Extra Long 1 Ft. Flute



The 7000-DGK Kit includes:

- Laser Guided Door Core Raceway Fixture
- 1/4" x 6" Pilot Drill Bit
- 3/8" x 50" Door Raceway Drill Bit
Custom designed evacuator drill bit, tool sharpened with 1' extra long flutes
- Fiberglass Wire Running Kit:
 - Flexible acrylic end connection
 - Brass hook end for pulling
 - Brass eye end for pushing
- Door Wedge
- Kit Carry Case

FEATURES

The SDC laser guided door core drill assembly provides an economical method of wire preparation for particle filled or solid wood doors to accommodate the installation of electrified locksets, exit devices and hinges

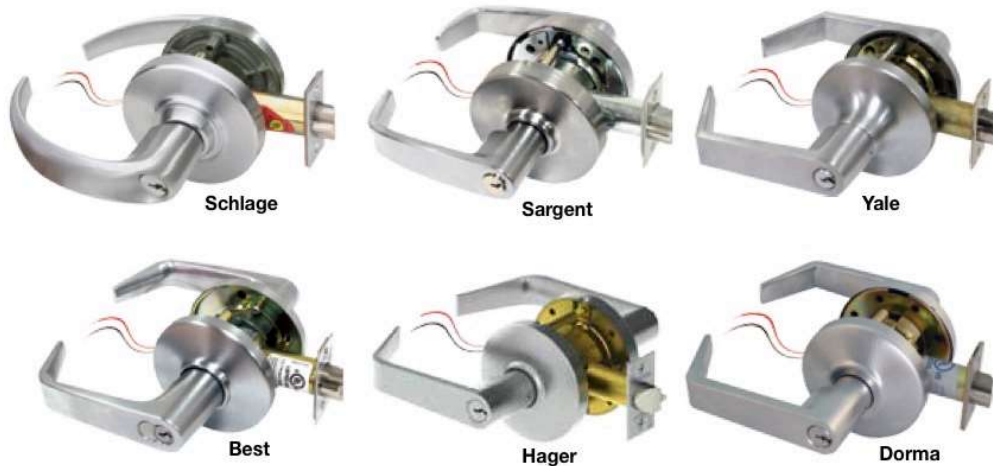
MODELS

-  **7000-DGK** Door Core Drill Guide Kit
-  **7000-DB3/8** 3/8" x 4 Ft. Drill Bit Replacement



Electra™ Mod 7200 series

Electrified Cylindrical Locks



SDC's Electra™ Mod Locksets are designed for the access control of openings in commercial, industrial and institutional facilities where code compliance, dependable operation and resistance to physical abuse is required.

Schlage ND Series

Best 9K Series

Sargent 10 Line Series

Yale 5400LN Series

Dorma C880 Series

Hager 3480

FEATURES

- Outside Lever Normally Locked, Turning Inside Lever Provides Uninhibited Egress
- Request-to-Exit Output Optional with All Locksets
- Dual Voltage 12 and 24VDC
- Choice of Failsafe or Failsecure Operating Mode
- ANSI A156.2 Grade 1
- Lever Handle Styles Comply with ADA Easy Access Requirements, CSFM, California State Fire Marshal, Title 19

MODELS

D7200	Sargent	10G04
H7200	Hager	3480
P7200	Yale	5405LN
S7200	Schlage	ND80PD
T7200	Best	93K7D
U7200	Dorma	C880

All trademarks are property of their respective owners.



3774-0324-104

SDC SDC SECURITY DOOR CONTROLS ■ WWW.SDCSECURITY.COM

APPLICATIONS

See page page 76-77 - Electra Pro - for Applications and Specs

SPECIFICATIONS

PRODUCT SKU SAMPLE: **ZS7250RHOQ**

HOW TO ORDER

1| SPECIFY BRAND MODEL

Lock *Supplied by Distributor* for modification

Failsafe	Failsecure		Failsafe	Failsecure	
D7250	D7252	Sargent	S7250	S7252	Schlage
H7250	H7252	Hager	T7250	T7252	Best
P7250	P7252	Yale	U7250	U7252	Dorma



Major Brand Electrified Lock Chassis with Trim, *Provided by SDC Factory*

Best 9K Cylindrical Locksets - SDC Electrified

SDC Failsafe	SDC Failsecure	Best 93K7D Lock	Trim
ZT725014Q	ZT725214Q	93K7D-14-626	14
ZT725015Q	ZT725215Q	93K7D-15-626	15
ZT725016Q	ZT725216Q	93K7D-16-626	16



Sargent 10 Cylindrical Locksets - SDC Electrified

SDC Failsafe	SDC Failsecure		
ZD7250BQ	ZD7252BQ	10G04-LB-26D	B
ZD7250JQ	ZD7252JQ	10G04-LJ-26D	J
ZD7250LQ	ZD7252LQ	10G04-LL-26D	L
ZD7250PQ	ZD7252PQ	10G04-LP-26D	P



SDC Z7200 Cylindrical Locksets - SDC Electrified

SDC Failsafe	SDC Failsecure	SDC Lock	Trim
Z7250G	Z7252G	Spectra Pro	Galaxy
Z7250E	Z7252E	Spectra Pro	Eclipse



Schlage ND Series - SDC Electrified

SDC Failsafe	SDC Failsecure	Schlage ND80 Lock	Trim
ZS7250ATHQ	ZS7252ATHQ	ND80PD-ATH-626	Athens
ZS7250SPAQ	ZS7252SPAQ	ND80PD-SPA-626	Sparta
ZS7250RHOQ	ZS7252RHOQ	ND80PD-RHO-626	Rhodes
ZS7250TLRQ	ZS7252TLRQ	ND80PD-TLR-626	Tubular
ZS7250OSEQ	ZS7252OSEQ	ND80PD-OME-626	Omega



Yale 5400LN Cylindrical Locksets - SDC Electrified

SDC Failsafe	SDC Failsecure	Yale 5404LN Lock	Trim
ZP7250AUQ	ZP7252AUQ	AU-5405LN-626	Augusta
ZP7250MOQ	ZP7252MOQ	MO-5405LN-626	Monroe
ZP7250PBQ	ZP7252PBQ	PB-5405LN-626	Pacific Beach



2| SPECIFY REX (OPTIONAL) *

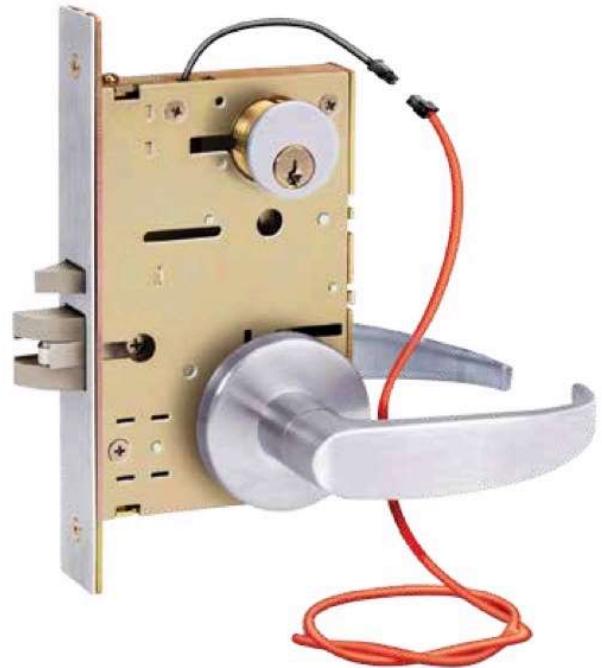
* Consult factory for REX availability

SELECTRIC® PRO 7800 Series Electrified Mortise Locksets

Selectric® Electrified Mortise Locksets are designed for the access control of openings in commercial, industrial and institutional facilities where code compliance, dependable operation and resistance to physical abuse is required.

BUILDING AND FIRE LIFE SAFETY CODE COMPLIANCE

Selectric® locksets ensure that the door stays latched even when unlocked, maintaining fire door integrity. SELECTRIC™ locksets comply with all national building and fire life safety code requirements for use on fire rated doors, including high rise stairwell and elevator lobby doors where the use of electric strikes and magnetic locks is prohibited.



FEATURES

- SDC Fully Featured Lockset with Complete Application Flexibility for New Construction or Retrofit of Major Brand Mechanical Locks
- New or Retrofit Application, Replaces Most Mechanical Locks
- Field Selectable Mode
- Field Selectable Function
- Field Selectable Voltage
- Field Selectable Handing
- Order with SDC Trim or Less Trim. Compatible with Schlage Trim Provided by Others
- Key Latch Retraction

Full Monitoring Capability (Optional)

- Request-to-Exit, SPDT
- Door Position Status, SPDT
- Latched & Locked Status, SPDT

MODELS

- Z7830** SDC Brand Locksets 7800 Complete with SDC Lever Trim Locked Both Sides, Failsafe
- Z7850** SDC Brand Locksets 7800 Complete with SDC Lever Trim Locked Outside Only, Failsafe
- Z7832** SDC Brand Locksets 7800 Complete with SDC Lever Trim Locked Both Sides, Failsecure Mode
- Z7852** SDC Brand Locksets 7800 Complete with SDC Lever Trim Locked Outside Only, Failsecure
- Z7835** SDC Brand Locksets 7800 Complete with SDC Lever Trim Locked Outside and/or Inside Outside Failsecure, Inside Failsafe



Meets NFPA
80 & 101
for Life Safety





SPECIFICATIONS Patent #7614669

Dual Voltage	600/300 mA @ 12/24VDC
Mode	Field Reversible/Failsafe/Failsecure
Door Thickness	1-3/4" Standard
Door Prep	ANSI A 156.13
Latch Bolt	3/4" Anti-friction Bolt with Auxiliary Deadlatch
Backset	2-3/4"
Strike	4-7/8" (Standard)
Key Override	6 PIN, 1 1/4" Mortise Cylinder with Schlage "C" Keyway (Optional)
Weight	7.0 lbs



LOCK FUNCTION



Locked from both sides:
Unlocked by an access control, remote control or key from either side.



Locked from outside only:
Unlocked by an access control or key from the outside. Uninhibited egress at all times by turning the inside lever handle.

PRODUCT SKU SAMPLE: **Z7850 LR Q R EE**



HOW TO ORDER

1| SPECIFY FUNCTION AND ELECTRICAL MODE

- Z7830** Locked Both Sides, Failsafe
Field Reversible to Failsecure Mode
- Z7850** Locked Outside Only, Failsafe
Field Reversible to Failsecure Mode
- Z7832** Locked Both Sides, Failsecure Mode
Field Reversible to Failsafe Mode
- Z7852** Locked Outside Only, Failsecure
Field Reversible to Failsafe Mode
- Z7835** Locked Outside and/or Inside
Outside Failsecure, Inside Failsafe

5| SPECIFY LEVER TRIM



2| SPECIFY VOLTAGE - Z7835 ONLY

- 12** 12VDC (E)
- 24** 24VDC (C)

Specify voltage for Z7835 function only.
Leave blank for all other functions which are 12/24VDC, field selectable.

3| SPECIFY HAND

- L** Left Hand **LR** Left Hand Reverse
- R** Right Hand **RR** Right Hand Reverse

All hands are field reversible without disassembly (exception Z7835)

4| SPECIFY FINISH

- Q** 626 Dull Chrome (standard)
- 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
- S** 629 Bright Stainless Steel

6| SPECIFY OUTPUTS (OPTIONAL)

- R** Request-to-exit. Indicates inside lever operation for access control request-to-exit input, alarm shunt, remote annunciation or CCTV activation, SPDT 5 Amp @ 30VDC.
- D** Door position status output. Indicates door open and door closed. SPDT 250mA @ 30VDC.
- S** Latched & locked status output. Indicates door latched and locked and door unlocked. SPDT 5 Amp @ 30VDC

7| CABLE AND CONNECTORS (OPTIONAL)

- CC1-5** 5ft. Cable & Connectors for Locks without Optional Outputs
- CC3-5** 5ft. Cable & Connectors for Locks with Optional Outputs

8| KEY CYLINDERS (OPTIONAL)

- 1 required for 7850/7852
- 2 required for 7830/7832
- CYL-6KDKQ** 6 pin, 1-1/8" Keyed different, 626 Dull Chrome
- CYL-6KAQ** 6 pin, 1-1/8" Keyed alike, 626 Dull Chrome



ACCESSORIES

- PTH-4Q** Four Wire, Dull Chrome
- PTH-10Q** Ten Wire, Dull Chrome



- PTH-2+4Q** Six Wire Electric Hinge 1-pair 16 Amp inrush, 4 Amp continuous; 2 -pair 1 Amp @ 12/24V

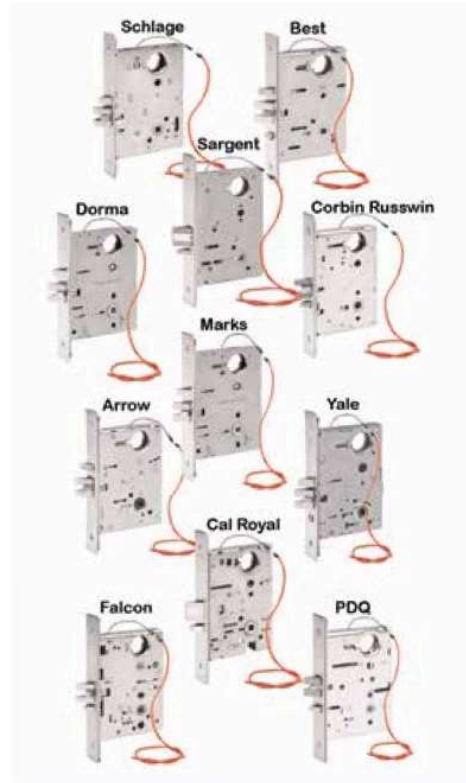
Selectric® Mod 7800 Series Electrified Mortise Locksets

MAJOR BRAND MECHANICAL LOCK ELECTRIFICATION

Schlage	Corbin Russwin	Best	Yale
Dorma	Marks	Hager	Cal Royal
Sargent	Arrow	Falcon	PDQ

Selectric® Electrified Mortise Locksets are designed for the access control of openings in commercial, industrial and institutional facilities where code compliance, dependable operation and resistance to physical abuse is required.

Send the brand lockset of your choice to SDC for electrification. When factory authorized, distributors may take advantage of SDC's mechanical lock inventory to expedite orders. SDC stocks Schlage, Corbin Russwin, Yale, Best, Falcon, Arrow and Sargent mechanical locks that may be electrified and charged to an order. Meanwhile, distributors may then send replacement mechanical locks to SDC for credit and SDC inventory replenishment.



MODELS

<p>Major Brand Electrified Lock Chassis, Less Trim, Provided by SDC Factory</p> <p>ZA Falcon</p> <p>ZD Sargent</p> <p>ZI Corbin Russwin</p> <p>ZN Arrow</p> <p>ZP Yale</p> <p>ZS Schlage</p> <p>ZT Best</p>	<p>Mortise Lock Supplied by Distributor for modification</p> <table border="0"> <tr><td>A</td><td>Falcon</td><td>LM561 / MA581</td></tr> <tr><td>D</td><td>Sargent</td><td>8204</td></tr> <tr><td>H</td><td>Hager</td><td>3880</td></tr> <tr><td>I</td><td>Corbin/Russwin</td><td>ML2055</td></tr> <tr><td>N</td><td>Arrow</td><td>B12</td></tr> <tr><td>P</td><td>Yale</td><td>8805</td></tr> <tr><td>S</td><td>Schlage</td><td>L9080</td></tr> <tr><td>T</td><td>Best</td><td>35HEW / 45H</td></tr> <tr><td>U</td><td>Dorma</td><td>M9000</td></tr> <tr><td>V</td><td>Marks</td><td>5EW</td></tr> <tr><td>W</td><td>CalRoyal</td><td>M8080</td></tr> <tr><td>X</td><td>PDQ</td><td>MR148</td></tr> </table> <p><i>*Note: 2 locking hubs required for 7830/7832</i></p>	A	Falcon	LM561 / MA581	D	Sargent	8204	H	Hager	3880	I	Corbin/Russwin	ML2055	N	Arrow	B12	P	Yale	8805	S	Schlage	L9080	T	Best	35HEW / 45H	U	Dorma	M9000	V	Marks	5EW	W	CalRoyal	M8080	X	PDQ	MR148
A	Falcon	LM561 / MA581																																			
D	Sargent	8204																																			
H	Hager	3880																																			
I	Corbin/Russwin	ML2055																																			
N	Arrow	B12																																			
P	Yale	8805																																			
S	Schlage	L9080																																			
T	Best	35HEW / 45H																																			
U	Dorma	M9000																																			
V	Marks	5EW																																			
W	CalRoyal	M8080																																			
X	PDQ	MR148																																			

All trademarks are property of their respective owners.



APPLICATIONS

See page page 81 - Selectric Pro - for Specs and Functions

SPECIFICATIONS

Send the brand lockset of your choice to SDC for electrification. When factory authorized, distributors may take advantage of SDC's mechanical lock inventory to expedite orders. SDC stocks Schlage, Corbin Russwin, Yale, Best, Falcon, Arrow and Sargent mechanical locks that may be electrified and charged to an order. Meanwhile, distributors may then send replacement mechanical locks to SDC for credit and SDC inventory replenishment.

PRODUCT SKU SAMPLE: ZS7852 LR Q R

HOW TO ORDER

1| SPECIFY BRAND MODEL

Major Brand Electrified Lock Chassis,
Less Trim, *Provided by SDC Factory*

ZA	Falcon
ZD	Sargent
ZI	Corbin Russwin
ZN	Arrow
ZP	Yale
ZS	Schlage
ZT	Best

Mortise Locks *Supplied by Distributor*

Distributors supply SDC with the mortise lock body and armored front (less trim) for modification. SDC returns the modified lock body with an electric actuator. Upon installation, two lever return spring cages (supplied by distributor) are required for proper operation.

A	Falcon	LM561/MA581
D	Sargent	8204
H	Hager	3880
I	Corbin/Russwin	ML2055
N	Arrow	B12
P	Yale	8805
S	Schlage	L9080
T	Best	35HEW/45H
U	Dorma	M9000
V	Marks	5EW
W	Cal Royal	M8080
X	PDQ	MR148

**Note: 2 locking hubs required for 7830/7832*

2| SPECIFY FUNCTION AND ELECTRICAL MODE

7830	Locked Both Sides, Failsafe, Field Reversible to Failsecure Mode
7850	Locked Outside Only, Failsafe, Field Reversible to Failsecure Mode
7832	Locked Both Sides, Failsecure, Field Reversible to Failsafe Mode
7852	Locked Outside Only, Failsecure, Field Reversible to Failsafe Mode

3| SPECIFY HAND

L Left Hand	LR Left Hand Reverse
R Right Hand	RR Right Hand Reverse

4| SPECIFY FINISH

Q	626 Dull Chrome (Standard)
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
S	629 Bright Stainless Steel
U	630 Dull Stainless Steel

5| SPECIFY OUTPUTS (OPTIONAL)

R Request-To-Exit

Indicates inside lever operation for access control request-to-exit input, alarm shunt, remote annunciation or CCTV activation, SPDT 5 Amp @ 30VDC.

Available with locks A, D, I, N, P, S, T, U, V and ZS only.

D Door Position Status Output

Indicates door open and door closed. SPDT 250mA @ 30VDC.

Available with locks S and ZS only.

S Latched & Locked Status Output

Indicates door latched and locked and door unlocked.

SPDT 5 Amp @ 30VDC

Available with locks S and SZ only.

L Latched Status

Indicates door latched and unlatched status.

SPDT 5 Amp @ 30VDC

Available with locks A, D, I, N, P, S, T, U, V and ZS only.

Consult factory for recent updates of option availability with any model.

6| CABLE AND CONNECTORS (OPTIONAL)

CC1-5 5ft. Cable & Connectors for Locks without Optional Outputs

CC3-5 5ft. Cable & Connectors for Locks with Optional Outputs

7| KEY CYLINDERS (OPTIONAL)

1 required for 7850/7852 | 2 required for 7830/7832

CYL-6KDK 6 pin, 1-1/8" Keyed different, 626 Dull Chrome

CYL-6KAQ 6 pin, 1-1/8" Keyed alike, 626 Dull Chrome

ACCESSORIES

PTH-4Q Four Wire, Dull Chrome

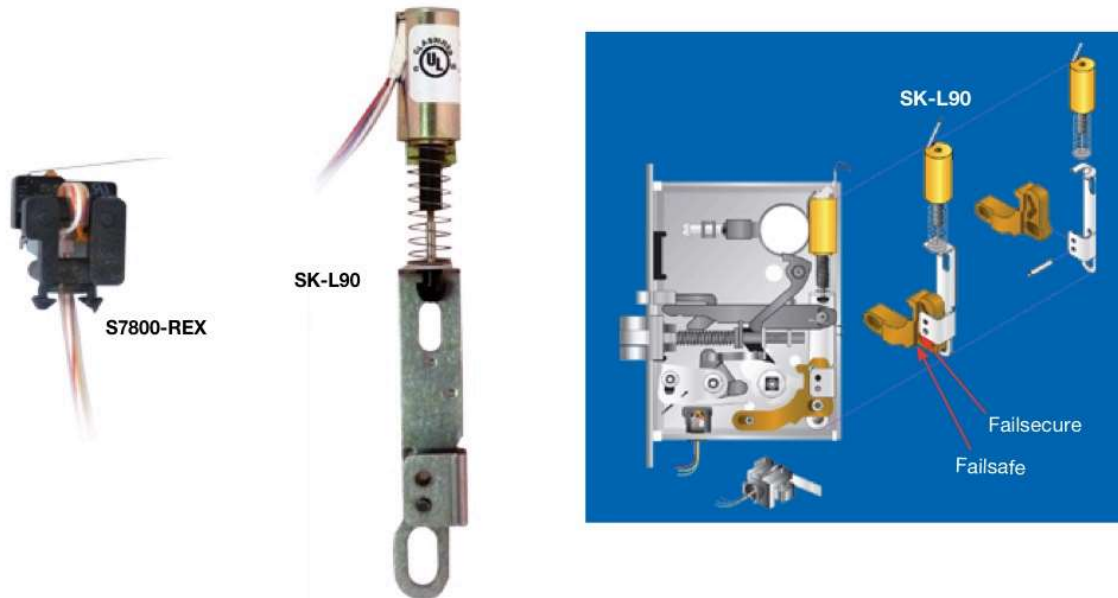
PTH-10Q Ten Wire, Dull Chrome



PTH-2+4Q Six Wire Electric Hinge 1-pair 16 Amp inrush, 4 Amp continuous; 2 -pair 1 Amp @ 12/24V

SK Field Kit

Electrify Mechanical Mortise Locks



Convert Mechanical Lock into Electric Access Controlled Lock. **SDC SK Field Electrification Kit** for Schlage L9000, Yale 8805 or Sargent 8206 mortise locks allows for fast electrification of existing locks in the field. Failsafe and Failsecure options are easily selected and can be changed in the field to suit any need. Optional Request-To-Exit kit provides indication of inside lever operation for alarm shunt, remote annunciation or CCTV activation.

FEATURES

- Reversible Failsafe or Failsecure
- 12VDC or 24VDC Input
- Installs Quick & Easy
- Available for Schalge, Yale and Sargent

SPECIFICATIONS

Voltage For Electrification Kits	600/300 mA @ 12/24VDC
Votage For REX and Latch Kits	SPDT 5 AMP @ 30VDC
Weight	0.3 lbs

All trademarks are property of their respective owners.



MODELS

SK-L90	Kit for Schlage L9070 Mechanical Mortise Lockset
SK-L90-SC	Kit, including Springcage for Schlage L9080 Mechanical Mortise Lockset
SK-88	Kit for Yale 8805 Mechanical Mortise Lockset
SK-82	Kit for Sargent 8204 Mechanical Mortise Lockset
S7800-REX	REX kit for Schlage L9070 and L9080 (indicates inside lever operation for access control input, alarm shunt, remote annunciation or CCTV auxiliary device activation)
LM-88	Field Latch Kit for Yale 8805
LM-82	Field Latch Kit for Sargent 8204

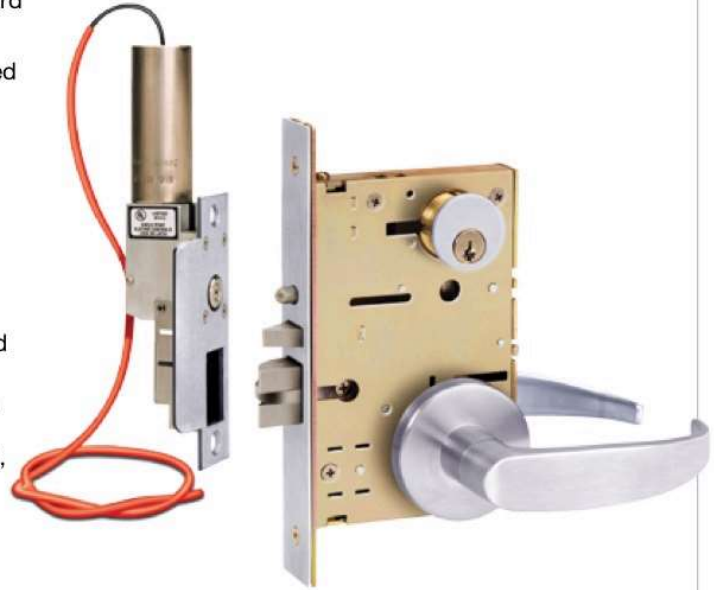
HiTower® Pro 7500 Series Frame Actuator Controlled Lockset

SDC PIONEERED AND PATENTED SINCE 1973

HiTower® lock technology has established the standard for security, safety and performance for electric locksets. Thousands of HiTower's® have been installed in buildings dominating city skylines worldwide.

SDC HiTower® locksets comply with all national and regional building codes for locking interior office, elevator lobby, exit and stairwell fire rated doors, where the use of electric strikes and magnetic locks is prohibited. HiTower® locksets also provide higher security and superior aesthetics compared to exposed and vulnerable electric strikes and magnetic locks, while eliminating the need for request-to-exit devices. While providing controlled access and remote control capability the door stays latched even when unlocked, maintaining fire door integrity.

The HiTower® lock consists of a mechanical door lock controlled by an electric actuator installed in the frame. All access control and monitoring wires are maintained in the frame. Power transfer hinges and wires through the door are not required. All expenses associated with power transfer hinges are eliminated, including costs for door wire chases that must be factory prepared to maintain the door's fire ratings.



FEATURES

- Electric Actuator for Standard Frame Fits Standard Strike Preparation
- Compact Actuator Design provides for Easy Frame Fit and Room for Wires
- Choice of Two Actuator Sizes for Standard or Narrow Frames
- Exclusive Alignment Compensation for Wide Door Gaps up to 0.3125" (8 mm)
- High Security Locking Operation Deadlocks the Latchbolt and Hubs
- Spring Loaded Hub Locking Mechanism absorbs Pressure for Smooth Lever Action
- Mechanical Key retracts the Latchbolt when locked

MODELS

- Z7500** SDC Brand Lockset
- ZY7500** SDC retrofit lockset replaces SDC modifications of discontinued manufacturer models:
Falcon-LM581; Sargent-7704/7705; Corbin-9557L/2257; Russwin- 7059L; Arrow-1600EW; Yale-8705; Almet-5007; Best-35HEW
- ZR7500** SDC retrofit lockset replaces discontinued 5000/6000 Series
- ZS7500** SDC supplied Schlage L9080 and electric frame actuator, LESS TRIM

All trademarks are property of their respective owners.



Meets NFPA
80 & 101
for Life Safety



SDC SDC SECURITY DOOR CONTROLS ■ WWW.SDCSECURITY.COM

87

APPLICATIONS

- High-rise stairwell doors
- Elevator lobby doors
- Perimeter exit doors
- Hospital communicating bathroom
- Office doors
- Computer rooms
- Equipment rooms
- Pharmacy storage rooms
- Money counting rooms
- Security and safety mantraps

COMPETITIVE LOCK COMPARISON CHART

SDC - HiTower®	ACSI - Gemini	Corbin/Ruswin
FAILSAFE		
7530	8500-M2-PL	ML22960
		ML22907
7550	8500-M1-PL	ML22950
		ML22905
FAILSECURE		
7560	8500-M2-PUL	ML22980
		ML22909
7570	8500-M1-PUL	ML22970
		ML22908
OPTIONS		
SC-10	QC	
L SPDT (Latch Status only)		
S SPDT (Latch & Deadlock Status)	CLS Closed loop only (SPDT not available)	
MORTAR GUARD		
7500EB-S (1.75" - 2" Face Frames)	302-03-02	
7500EB-N (1.25" - 1.5" Face Frames)	303-03-04	

HiTOWER® 7500

FRAME ACTUATOR CONTROLLED LOCKSET

1 Hardwire control with NO Electric Hinge

2 NO Wires thru Door

All access control and lock monitoring wires are in the frame.

3 Eliminate Parts & Labor

All expenses associated with power transfer hinges are eliminated, including costs for door wire chases that must be factory prepared to maintain the door's

4 Vandal Resistant

The built-in clutch permits the handles to operate without retracting the latch, reducing potential for damage.

5 Thousands have been installed in buildings dominating city skylines worldwide.

1973 SDC Pioneered & Patented

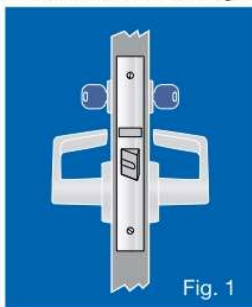
Since 1973 HiTower lock technology has established the standard for security, safety and performance for electric locksets.

Multi-Brand Compatibility
 Von Duprin • Yale • Corbin Russwin • Adams Rite • SDC • Phil Dor-O-Matic • IDC • Dorma • Hager • Cal-Royal • K2 • TownSteel Falcon • First Choice • Sargent • Arrow

LOCK FUNCTION

FAILSAFE - POWER TO LOCK

Locked when energized, the failsafe mode is recommended for fire life safety applications. Such as, stairwell doors, perimeter exit doors and safety mantraps. Loss of power or a signal from the life safety system causes all doors to unlock for free uninhibited access and egress.



7530 / 7560

Recommended for Fire Life Safety Applications. Unlocked by power loss or signal from the fire life safety system. See SDC power supplies with fire life safety system interface for release of locks in an emergency.

7530 LOCKED FROM BOTH SIDES

Locked when energized, unlocked by an access control, remote control or a key from either side (SEE FIG. 1).

Suggested use: Openings that are to be locked on both sides, such as: communicating doors; inner offices; safety mantraps.

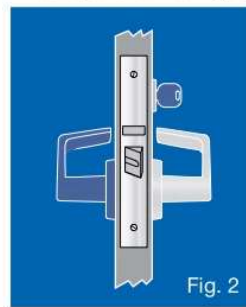
7550 LOCKED OUTSIDE ONLY, FREE EGRESS FROM THE INSIDE

Locked when energized, unlocked by an access control, key from the outside. Uninhibited egress at all times by rotating the inside lever (SEE FIG. 2).

Suggested use: Stairwell doors, lobby doors, exit doors, inner offices, safety mantraps, communicating bathrooms.

FAILSECURE - POWER TO UNLOCK

Locked when de-energized, the failsecure mode is recommended for security applications. Such as, inner offices, equipment rooms and security mantraps. Loss of power causes all doors to lock. Battery back-up is required for continued operation during a power loss.



7550 / 7570

Recommended for High Security Applications. Power loss causes doors to lock. See SDC power supplies for continued operation during power failures. (SDC and Schlage only)

7560 LOCKED FROM BOTH SIDES

Locked when de-energized, unlocked by an access control, remote control or a key from either side (SEE FIG. 1).

Suggested use: Openings that are to be locked on both sides, such as: communicating doors, inner offices, security mantraps.

7570 LOCKED OUTSIDE ONLY, FREE EGRESS FROM THE INSIDE

Locked when de-energized, unlocked by an access control, key from the outside. Uninhibited egress at all times by rotating the inside lever (SEE FIG. 2).

Suggested use: Inner offices, computer rooms, equipment or storage rooms, cashier rooms, security mantraps.

SPECIFICATIONS

Grade	ANSI 156.13 Grade 1
Backset	2.75"
Min. Door Thickness	1.75"
Weight	7.0 lbs
Electrical	.5 Amp @24VDC; .5 Amp @ 24VAC; .2 Amp @115Vac
<i>Standard Frame Actuator Strike Prep</i>	
Dimension	Standard ANSI 4-7/8" x 1-1/4"
Face Frame Thickness	1-3/4" to 2"

<i>Narrow Frame Actuator Strike</i>	
Dimension	8-1/2" x 1-1/4"
Face Frame Thickness	1-1/4" to 1-1/2"
<i>Failsecure Actuator Strike</i>	
Dimension	SDC Z/ZR7560, Z/ZR7570: 4-7/8" x 1-1/4"
	Schlage ZS7560, ZS7570: 5-3/4" x 1-1/4"
Face Frame Thickness	2"

PRODUCT SKU SAMPLE: Z7550 LR C Q LE SC10-5

 **HOW TO ORDER**

1| SPECIFY MODEL

SDC Mortise Lockset with Lever Trim

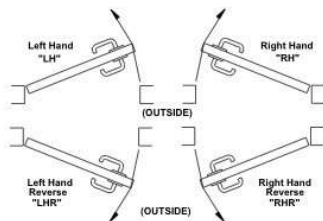
- Z** SDC Brand Lockset
- ZY** SDC retrofit lockset replaces SDC modifications of discontinued manufacturer models (see MODELS page 87 for the full list)
- ZR** SDC Replaces discontinued SDC 5000/6000 Series
- ZS** SDC supplied Schlage L9080 and electric frame actuator, **LESS TRIM**

2| SPECIFY FUNCTION

- 7530** Locked Both Sides, Failsafe
- 7550** Locked Outside Only, Failsafe
- 7560** Locked Both Sides, Failsecure
- 7570** Locked Outside Only, Failsecure

3| SPECIFY HAND

- L** Left Hand
- LR** Left Hand Reverse
- R** Right Hand
- RR** Right Hand Reverse



4| SPECIFY ACTUATOR VOLTAGE

STANDARD FAILSAFE ACTUATORS
For 1.750" to 2" face frames.
A 115VAC **B** 24VAC **C** 24VDC

NARROW FAILSAFE ACTUATORS
For 1.25" to 1.5" face frames. Special strike preparation required.
D 115VAC **E** 24VAC **F** 24VDC

FAILSECURE ACTUATOR
For 2" face frames. Available with source Z, ZR, ZS*
G 115VAC **H** 24VAC **J** 24VDC
*ZS7560/70 - Strike 5-3/4" x 1-1/4"

5| SPECIFY FINISH

- 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
- Q** 626 Dull Chrome (Standard)
- S** 629 Polished Stainless
- U** 630 Dull Stainless

6| SPECIFY LEVER TRIM



7| SPECIFY ADD-ONS: (OPTIONAL)

LOCK STATUS AND WIRE HARNESS

- L** Latch Status Switch, SPDT 3 Amps @ 30VDC
- S** Latch and Deadlock Status 3 Amps @ 30VDC
- SC-10** Socket Connectors with 10 ft. Cable, Power Wiring Only
- SC-10-5** Socket Connectors with 10 ft. Cable for Power and Options

SPECIAL STRIKES

- SSP** Special Retrofit Strike Plate

MORTAR GUARD ELECTRIC BACK BOXES

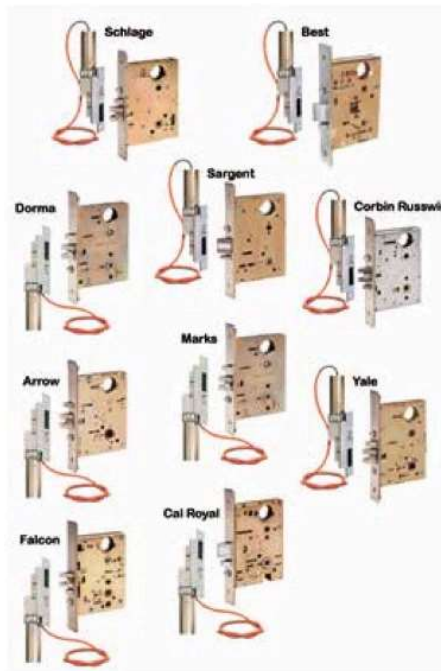
FOR FRAME ACTUATORS WITH CONDUIT KNOCKOUTS

- 7500EB-S** For Standard Actuators in 1-3/4" or 2" Face Frames
- 7500EB-N** For Narrow Actuators in 1-1/4" or 1-1/2" Face Frames
- 7560EB-2** For Failsecure Actuators Installed in 2" Face Frames

HiTower® MOD 7500 Series Frame Actuator Controlled Lockset

MAJOR BRAND MECHANICAL LOCK ELECTRIFICATION

Arrow	Falcon	Yale
Best	Dorma	Falcon
Corbin/Ruswin	Sargent	Cal Royal
Marks	Hager	Schlage



The HiTower® MOD series features the same benefits and application of the HiTower Pro, but adds the ability to retrofit the lock body of your choice. (see MODELS for lock compatibility)

SDC can provide an SDC lockset with lever handles complete with the industry renowned HiTower® frame actuator (HiTower® Pro). Or you may send the lock body of your choice to SDC for conversion (HiTower® MOD).

MODELS

<p>Major Brand Electrified Lock Chassis, Less Trim, Provided by SDC Factory</p> <p>ZA Falcon</p> <p>ZD Sargent</p> <p>ZI Corbin/Ruswin</p> <p>ZN Arrow</p> <p>ZP Yale</p> <p>ZS Schlage</p> <p>ZT Best</p>	<p>Mortise Lock Supplied by Distributor for modification</p> <table border="0"> <tr> <td>A Falcon</td> <td>LM-561/MA581</td> </tr> <tr> <td>(* Falcon - Distributor supplies faceplate)</td> <td>020100-000</td> </tr> <tr> <td>D Sargent</td> <td>8204</td> </tr> <tr> <td>H Hager</td> <td>3880</td> </tr> <tr> <td>I Corbin/Ruswin</td> <td>2057</td> </tr> <tr> <td>N Arrow</td> <td>B12</td> </tr> <tr> <td>O Yale</td> <td>7130F-L5 Exit Device</td> </tr> <tr> <td>P Yale</td> <td>8805</td> </tr> <tr> <td>R Schlage Retro (Replaces 5000 Series)</td> <td>L9080</td> </tr> <tr> <td>S Schlage</td> <td>L9080</td> </tr> <tr> <td>T Best</td> <td>45H</td> </tr> <tr> <td>U Dorma</td> <td>M9000</td> </tr> <tr> <td>V Marks</td> <td>5EW</td> </tr> </table>	A Falcon	LM-561/MA581	(* Falcon - Distributor supplies faceplate)	020100-000	D Sargent	8204	H Hager	3880	I Corbin/Ruswin	2057	N Arrow	B12	O Yale	7130F-L5 Exit Device	P Yale	8805	R Schlage Retro (Replaces 5000 Series)	L9080	S Schlage	L9080	T Best	45H	U Dorma	M9000	V Marks	5EW
A Falcon	LM-561/MA581																										
(* Falcon - Distributor supplies faceplate)	020100-000																										
D Sargent	8204																										
H Hager	3880																										
I Corbin/Ruswin	2057																										
N Arrow	B12																										
O Yale	7130F-L5 Exit Device																										
P Yale	8805																										
R Schlage Retro (Replaces 5000 Series)	L9080																										
S Schlage	L9080																										
T Best	45H																										
U Dorma	M9000																										
V Marks	5EW																										

All trademarks are property of their respective owners.

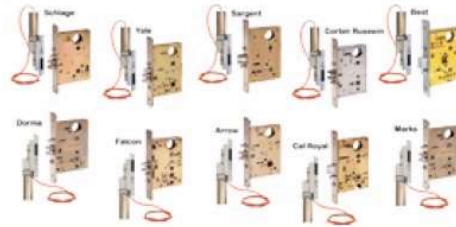


Meets NFPA 80 & 101 for Life Safety



-  APPLICATIONS
-  SPECIFICATIONS
-  LOCK FUNCTION

See page 88 -
HiTower Pro - for
Applications, Specs
and Lock Functions



PRODUCT SKU SAMPLE: S 7550 LR C Q SC-10

 HOW TO ORDER

1| SPECIFY MODEL

Major Brand Electrified Lock Chassis, Less Trim, *Provided by SDC Factory*

- ZS** Schlage
- ZD** Sargent
- ZP** Yale
- ZA** Falcon
- ZN** Arrow
- ZT** Best
- ZI** Corbin Russwin

Mortise Locks *Supplied by Distributor*

Distributors supply SDC with the mortise lock body and armored front (less trim) for modification. SDC returns the modified lock body with an electric actuator. Upon installation, two lever return spring cages (supplied by distributor) are required for proper operation.

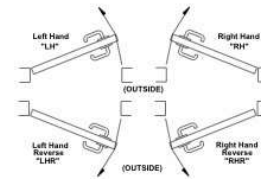
A Falcon	LM-561/MA581
(* Falcon - Distributor supplies faceplate)	020100-000
D Sargent	8204
H Hager	3880
I Corbin/Russwin	2057
N Arrow	B12
O Yale	7130F-L5 Exit Device
P Yale	8805
R Schlage Retro (Replaces 5000 Series)	L9080
S Schlage	L9080
T Best	45H
U Dorma	M9000
V Marks	5EW

2| SPECIFY FUNCTION

- 7530** Locked Both Sides, Failsafe
- 7550** Locked Outside Only, Failsafe

3| SPECIFY HAND

- L** Left Hand
- LR** Left Hand Reverse
- R** Right Hand
- RR** Right Hand Reverse



4| SPECIFY ACTUATOR VOLTAGE

STANDARD FAILSAFE ACTUATORS

For 1.750" to 2" face frames.

- A** 115VAC **B** 24VAC **C** 24VDC

NARROW FAILSAFE ACTUATORS

For 1.25" to 1.5" face frames.

Special strike preparation required.

- D** 115VAC **E** 24VAC **F** 24VDC

5| SPECIFY FINISH

- 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
- Q** 626 Dull Chrome (Standard)
- S** 629 Polished Stainless
- U** 630 Dull Stainless

6| SPECIFY ADD-ONS: (OPTIONAL)

LOCK STATUS AND WIRE HARNESS

- L** Latch Status Switch, SPDT
3 Amps @ 30VDC
- S** Latch and Deadlock Status
3 Amps @ 30VDC
- SC-10** Socket Connectors with 10 ft. Cable, Power Wiring Only
- SC-10-5** Socket Connectors with 10 ft. Cable for Power and Options

SPECIAL STRIKES

- SSP** Special Retrofit Strike Plate

MORTAR GUARD ELECTRIC BACK BOXES

FOR FRAME ACTUATORS WITH CONDUIT KNOCKOUTS

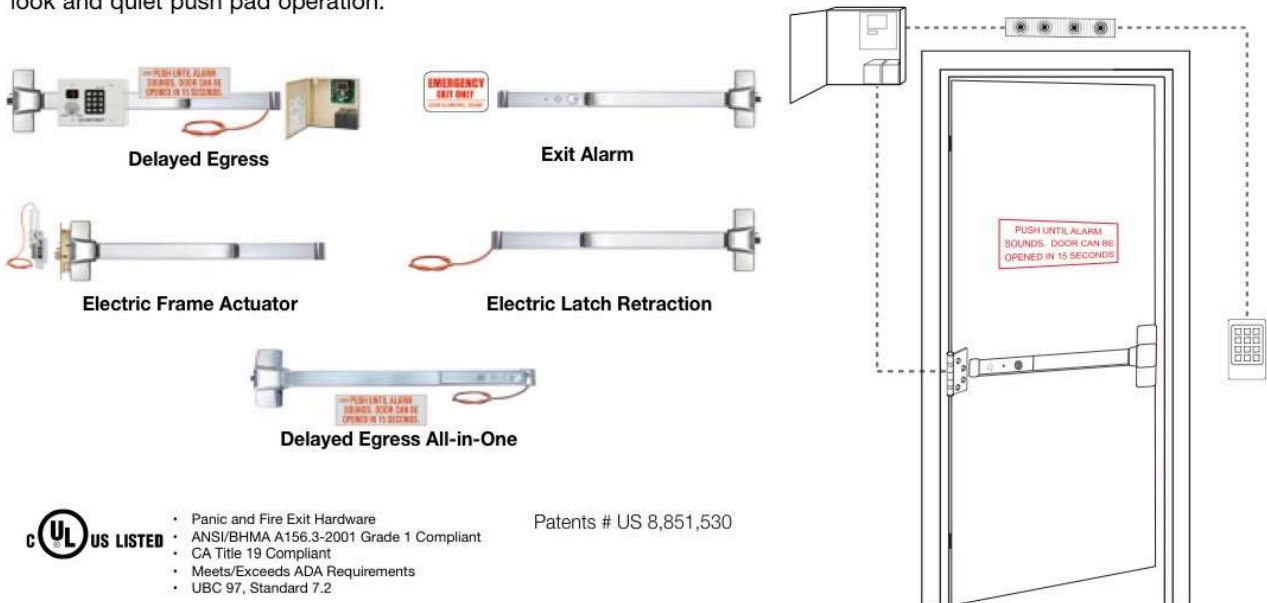
- 7500EB-S** For Standard Actuators in 1-3/4" or 2" Face Frames
- 7500EB-N** For Narrow Actuators in 1-1/4" or 1-1/2" Face Frames
- 7560EB-2** For Failsecure Actuators Installed in 2" Face Frames



Exit Devices



The new SDC S6000 Spectra™ Series panic and fire rated exit devices are available in rim mount, mortise and surface vertical rod configurations. Spectra Class mechanical exit devices are UL listed and ANSI A156.3 Grade 1 compliant and comply with all national and state building and fire life safety codes. The SDC Spectra™ Series exit devices have a modern look and quiet push pad operation.



- Panic and Fire Exit Hardware
- ANSI/BHMA A156.3-2001 Grade 1 Compliant
- CA Title 19 Compliant
- Meets/Exceeds ADA Requirements
- UBC 97, Standard 7.2

Patents # US 8,851,530

S6000 Spectra™ Series Specification Grade Exit Devices

The mechanical SDC S6000 Spectra™ Series panic and fire rated exit devices have a modern look and quiet push pad operation and are available in rim mount, mortise and surface vertical rod configurations. Spectra Class mechanical exit devices are UL listed and ANSI A156.3 Grade 1 compliant and comply with all national and state building and fire life safety codes.



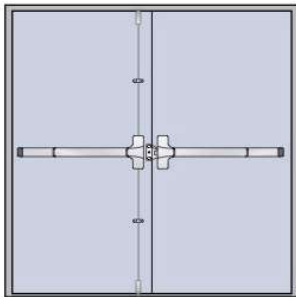
MODELS

- S6100** Rim Mount
- S6200** SVR Surface Vertical Rod
- S6300** Mortise

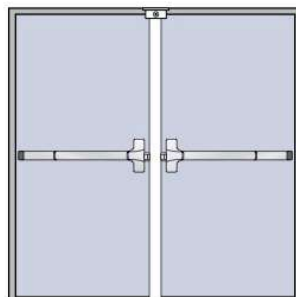
APPLICATIONS

- RHR or LHR Hollow Metal, Wood and Mineral Core Doors
- 1-3/4" Door Thickness Standard Specify Thickness Other Than 1-3/4"

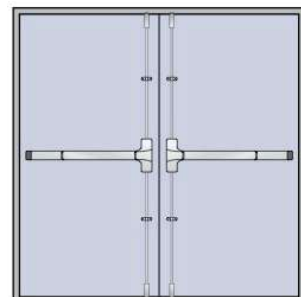
DOUBLE DOOR APPLICATIONS



Rim Device and SVR Device combination - same direction. Overlapping astragal is not required, but coordinator required with a double door strike.



Two Rim Devices on 2 independent active doors with removable mullion.



Two Surface Vertical Rod (SVR) - same direction. Overlapping astragal is not required.



S6100 RIM MOUNT EXIT DEVICES

For use on single doors or pair of doors with mullion (minimum stile width of 4-1/2")

SPECIFICATIONS

Latch Bolt	Stainless Steel, 3/4" Throw
Dead Latch	Deadlocking, Stainless Steel, 5/8" Throw
Strike	Stainless Steel
Weight	11.0 lbs



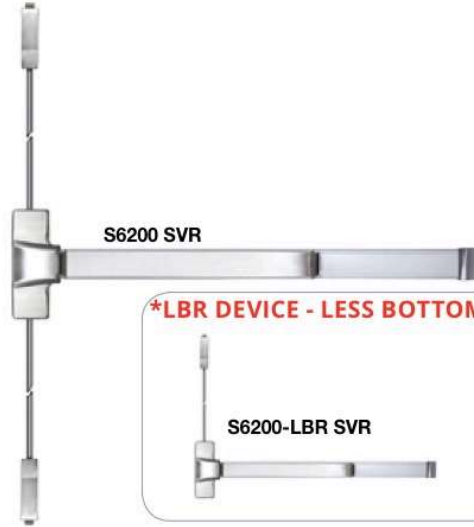
S6100

S6200 SURFACE VERTICAL ROD EXIT DEVICES*

For use on single doors or pair of doors (minimum stile width of 4-1/2")

SPECIFICATIONS

Top Latch	Stainless Steel, 37/64"
Top Strike	Included
Bottom Latch	Stainless Steel, 37/64"
Bottom Strike	Included
Latch Case Covers	Steel, Stainless Steel or Brass
Vertical Rods	Aluminum Tube
Standard Height	for 7'0" Doors
Weight	13.0 lbs



S6200 SVR

*LBR DEVICE - LESS BOTTOM ROD



S6200-LBR SVR

PRODUCT SKU SAMPLE: S61 03 P U 36 R EK03

HOW TO ORDER

1| SPECIFY MODEL

- S61** Rim Mount
- S62** SVR Surface Vertical Rod

2| SPECIFY FUNCTION

- 01** Exit only, No Trim
- 02** Dummy pull or lever (opens when dogged)
- 03** Lever or pull, key latch retraction
- 08** Lever with key locks/unlocks lever
- 14** Lever trim always active

3| SPECIFY PANIC OR FIRE RATED

- P** Panic Exit Device: Mechanical Dogging STD:
(See Part # CD for Optional Key Cylinder Dogging)
- F** Fire Exit Device: Mechanical Dogging Not Available

4| SPECIFY FINISH

- Headcover, Touchpad and Endcap
- U** 630 Dull Stainless Steel Standard

5| SPECIFY LENGTH

- 36** For 36" Door
- 42** For 42" Door
- 48** For 48" Door

6| SPECIFY DEVICE OPTIONS

- R** Request-To-Exit Output, SPDT
- L** Latch Status Output, SPDT

FOR 62 SERIES DEVICES ONLY:

- LBR** Less Bottom Rod, for Panic Devices
- LBRF** Less Bottom Rod, for Fire Rated Devices

7| SPECIFY TRIM (OPTIONAL)

MECHANICAL

- SPECIFY MECHANICAL TRIM FUNCTION** **EK** Eclipse **GK** Galaxy
- Dummy Trim: **EK02, GK02, SP02**
- Key Retracts Latchbolt: **EK03, GK03, SP03**
- Key Locks/Unlocks Lever: **EK08, GK08**
- No Cylinder Lever Always Active: **EK14, GK14**
- SPECIFY MECHANICAL TRIM FINISH**
- U** 630 Dull Stainless Steel Standard **SP** Saturn

SPECIFY MECHANICAL TRIM OPTIONS:

- Rim Cylinder Required for 03 function, Mortise Cylinder Required for 08 Function, CD Option, and S6300
- CD** Keyed Dogging. Specify Key Cylinder Separately. Not Available with (F) Fire Exit Device.
- CYL-6KDDQ** 6 pin, 1.125" Mortise Cylinder, Keyed Different, Dull Chrome
- CYL-6KAQ** 6 pin, 1.125" Mortise Cylinder, Keyed Alike, Dull Chrome
- CP01** 6-pin Rim Cylinder, Keyed Different, Specifically For EK03, GK03 and SP03

ELECTRIC TRIM OPTIONAL

- EKE03** Eclipse, Less Cylinder
- GKE03** Galaxy, Less Cylinder

SPECIFY ELECTRIC TRIM OPTIONS

- LS** Locked/Unlocked Status, SPDT 3 Amp Contact

S6300 MORTISE EXIT DEVICE

For use on single doors or active leaf of double doors

SPECIFICATIONS

Lock Case	Steel Plated 6-1/16" x 3-15/16" x 29/32"
Anti-Friction Latchbolt	3/4" Throw
Hand	Reversible without removing the lock from the door
Auxiliary Deadlock Bolt	Non-Handed, Stainless Steel
Strike	ANSI 4-7/8"
Trim (Included)	Eclipse Escutcheon Galaxy Escutcheon
Weight	11.0 lbs



PRODUCT SKU SAMPLE: S63 03 P RR U 36 GE R

HOW TO ORDER

1| SPECIFY MODEL

S63 Mortise includes Trim

2| SPECIFY FUNCTION

- 01** Exit only, No Trim
- 02** Dummy pull or lever (opens when dogged)
- 03** Lever or pull, key latch retraction
- 08** Lever with key locks/unlocks lever
- 14** Lever trim always active

3| SPECIFY PANIC OR FIRE RATED

- P** Panic Exit Device: Mechanical Dogging STD:
(See Part # CD for Optional Key Cylinder Dogging)
- F** Fire Exit Device: Mechanical Dogging Not Available

4| SPECIFY HAND

- RR** Right Hand Reverse Bevel, RHRB
- LR** Left Hand Reverse Bevel, LHRB

5| SPECIFY FINISH

- Headcover, Touchpad and Endcap
- U** 630 Dull Stainless Steel Standard

6| SPECIFY LENGTH

- 36** For 36" Door
- 42** For 42" Door
- 48** For 48" Door

7| SPECIFY TRIM

- EE** Eclipse Escutcheon
- GE** Galaxy Escutcheon
- EK** Eclipse
- GK** Galaxy

SPECIFY MECHANICAL TRIM FUNCTION

- Dummy Trim: **EK02, GK02**
- Key Retracts Latchbolt: **EK03, GK03**
- Key Locks/Unlocks Lever: **EK08, GK08**
- No Cylinder Lever Always Active: **EK14, GK14**

SPECIFY MECHANICAL TRIM FUNCTIONS AND OPTIONS:

- Rim Cylinder Required for 03 function, Mortise Cylinder Required for 08 Function, CD Option, and S6300
- CD** Keyed Dogging. Specify Key Cylinder Separately. Not Available with (F) Fire Exit Device.

- CYL-6KDQ** 6 pin, 1.125" Mortise Cylinder, Keyed Different, Dull Chrome
- CYL-6KAQ** 6 pin, 1.125" Mortise Cylinder, Keyed Alike, Dull Chrome
- CP01** 6-pin Rim Cylinder, Keyed Different, Specifically For EK03, GK03 and SP03

7| SPECIFY ELECTRIC TRIM (OPTIONAL)

- EKE03** Eclipse, Less Cylinder
- GKE03** Galaxy, Less Cylinder

SPECIFY ELECTRIC TRIM OPTIONS

- LS** Locked/Unlocked Status, SPDT 3 Amp Contact

8| SPECIFY DEVICE OPTIONS

- R** Request-To-Exit Output, SPDT
- L** Latch Status Output, SPDT

ACCESSORIES (ELECTRIC)

- PTH-4Q** Four Wire, Dull Chrome
- PTH-10Q** Ten Wire, Dull Chrome
- PTM-2AL** Two Wire Aluminum Powder Coat, US28 equivalent
- PTM-2BZ** Two Wire Dark Brown Powder Coat, US10B equivalent
- PTM-10AL** Ten Wire Aluminum Powder Coat, US28 equivalent
- PTM-10BZ** Ten Wire Dark Brown Powder Coat, US10B equivalent
- 602RF** 1 Amp, 12/24 VDC Class 2 Output Power Supply, 12" W x 12" H x 3.75" D Box

ACCESSORIES

STRIKES (SCREWS INCLUDED)

RIM DEVICES USE RIM STRIKES



ST1P
Standard for S6100P
Projection: 13/16"

ST1F
Standard for S6100F
Projection: 13/16"

SURFACE / CONCEALED VERTICAL ROD DEVICES USE

TOP STRIKES

ST2P
Standard for S6200P
Projection: 29/32"

ST2F
Standard top strike for S6200F
Projection: 1-1/8"

BOTTOM STRIKES (Floor Strikes)



Mortise: 2-1/4"

OPTIONAL THRESHOLD STRIKES

ST28T
Optional floor strike for using threshold openings.
Projection: 3/8"

OPTIONAL DOUBLE DOOR STRIKE

ST2DF
Optional for Pairs of Doors with Rim Mount Device
Projection: 1-15/16"

OPTIONAL DOUBLE DOOR STRIKE

REMOVABLE MULLION

KR90F
Standard Key Removable Mullion for Panic Exit and Fire Exit Rim Mount Devices
Length: 8ft
Material: 2" 11 Gauge, Steel

OPTIONAL MULLION STRIKE

ST1MP
For 6100P
ST1MF
For 6100F
Projection: 7/8"

ELECTRIC TRIM



EKE03
Eclipse, less cylinder

GKE03
Galaxy less cylinder

FEATURES

- Failsecure, field reversible to failsafe
- 4 ft. cable and connectors
- 12/24VDC @ 600/300 mA

S6000 Spectra™

Exit Check® - Delayed Egress All-In-One



The EXIT CHECK® ALL-IN-ONE device integrates our premium Spectra™ bar with SDC's innovative delayed egress electronics.



FEATURES

When unauthorized egress is initiated by depressing the push pad of the S6000-101, an audible alarm will sound and an irreversible delay period of 15 seconds will begin. After the delay period has expired, the device unlocks, permitting egress until the device is reset. In a life safety emergency, the device will immediately unlock upon loss of power or when powered by a fire control supervised power supply.

- Low Power consumption 540 mA @24VDC
- 15 second exit delay, 1 or 2 second nuisance delay
- Built-in Visual and Audible Annunciation
- Single or pair of doors
- Key reset, bypass (Mortise cylinder not included)
- Field-selectable 1 to 30 second request-to-exit, anti-tailgate and door prop alarm
- UL Listed

SPECIFICATIONS

Input Voltage	24 VDC
Input Current	540 mA Max
Monitor Relay	1 Amp contacts @12/24 VDC
Slave Output	24 VDC @ 250 mA
Weight	11.0 lbs

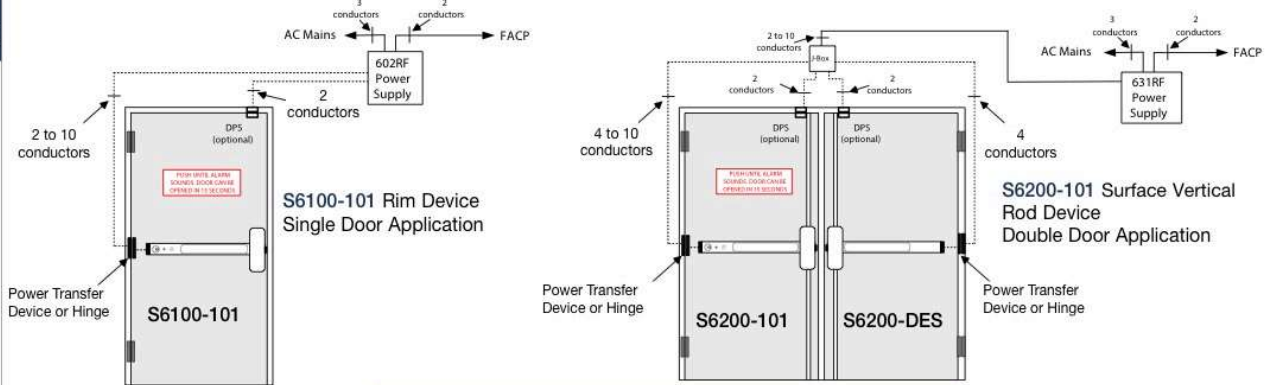
MODELS	
S6100-101	Rim Mount
S6200-101	Surface Vertical
S6300-101	Mortise
S6800-101	Concealed Vertical





APPLICATION

- Restricting the egress of wandering patients for their own safety
- Restricting the egress of commercial center patrons for security application needs
- Controlling pedestrian traffic in transportation facilities, including airport jetways and tarmacs
- Reducing shoplifting and employee theft



PRODUCT SKU SAMPLE: **S61 03 P U 36 101 NC EKE03U**

HOW TO ORDER

1) SPECIFY DEVICE

- S61** Rim Mount
- S62** Surface Vertical - ROD GUARDS SUGGESTED (by others)
- S63** Mortise [03 Lever Trim included] - specify: **EE/GE**
- S68** Concealed Vertical

2) SPECIFY FUNCTION

- 01** Exit Only (No Trim)
- 02** Dummy
- 03** Nightlatch Lever, Key Latch Retraction

3) SPECIFY PANIC OR FIRE RATED

- P** Panic
- F** Fire

3A) SPECIFY HAND (S63 MORTISE ONLY)

- LR** Left hand reverse bevel, LHRB
- RR** Right hand reverse bevel, RHRB

4) SPECIFY FINISH

- U** 630 Dull Stainless Steel (standard)

5) SPECIFY LENGTH

- 36** For 36" Doors (standard)
- 42** For 42" Doors
- 48** For 48" Doors

6) SPECIFY DELAYED EGRESS

- 101** Electrification of master exit device and integrated controller with key switch control and reset, less cylinder
- DES** For pair of doors, additional exit device equipped with delayed egress mechanism, less integrated controller. **Must be ordered together with 101 device.**

7) SPECIFY OPERATIONS

If no Operation Mode is specified, **ND** is the SDC Standard Supplied Code Setting

- NC** IBC, IFC, NFPA 101, NFPA 1-UFC, UBC,SBC Compliant
Fixed 15 second exit delay, Field selectable 0 or 1 second nuisance delay, Fixed manual power-up after power loss or emergency release, Manual Reset
- ND** IBC, IFC, NFPA 101, NFPA 1-UFC, UBC,SBC Compliant
Fixed 15 second exit delay and field selectable 0 or 1 second nuisance delay, Field selectable automatic or manual power-up after emergency release, Manual Reset
- BC** BOCA National Building Code and Chicago Building Code Compliant
Fixed 15 second exit delay, Fixed 0 second nuisance delay, Field selectable automatic or manual power-up after emergency release, Manual or Auto Reset 30 seconds after door closure. Auto reset is retriggered if door opens before 30 seconds
- BD** BOCA National Building Code
Fixed 15 second exit delay, Field selectable 0 or 1 second nuisance delay, Field selectable automatic or manual power-up after emergency release, Manual or Auto Reset 30 seconds after door closure. Auto reset is retriggered if door opens before 30 seconds

8) SPECIFY TRIM (OPTIONAL)

S61 RIM, S62 SURFACE AND S68 CONCEALED VERTICAL ONLY

Mechanical Trim (less cylinder)

- EK02U** Dummy Eclipse Escutcheon
- GK02U** Dummy Galaxy Escutcheon
- EK03U** Eclipse Escutcheon
- GK03U** Galaxy Escutcheon



Electric Trim

- Failsecure, field reversible to failsafe
- 4 ft cable
- 600/300 mA @12/24VDC

- EKE03U** Eclipse style electric trim less mortise cylinder, Stainless Steel Finish
- GKE03U** Galaxy style electric trim less mortise cylinder, Stainless Steel Finish



- CP01** 6-pin Rim Cylinder, Keyed Different, Specifically For EK03, GK03 and SP03

S6000 Spectra™ Delayed Egress



DELAYED EGRESS

The delayed egress for the Spectra Exit Device is a 2-piece option. The master exit device is electrified and the wall mounted controller adds keypad control and key reset capabilities.



FEATURES

- Code Dependent Exit Delay and Nuisance Times
- Reset, Sustained Bypass and Momentary Bypass by Keypad or Optional Mortise Cylinder

MODELS

- DE** Electrification of Master Exit Device and Wall Mount Controller with Keypad Control & Reset
- KDE** Electrification of Master Exit Device and Wall Mount Controller with Both Keypad and Key Switch Control & Reset, Less Cylinder
- DES** for Pair of Doors, Additional Exit Device Equipped with Delayed Egress Mechanism, Less Controller.
MUST BE ORDERED TOGETHER WITH DE AND DEVICE

SPECIFICATIONS

Exit Delay	15 or 30-Second Exit Delay (Code Dependent)
Nuisance Delay	1 or 2 Second Delay
Voice Annunciation	Digital Countdown Display with Door Indicator
Power Requirements	Single: 24VDC @ 430mA Tandem: 24VDC @ 600mA
Weight	13.0 lbs



PRODUCT SKU SAMPLE: **S61 03 P U 36 DE NC EKE03U**

HOW TO ORDER:

1| SPECIFY MODEL

- S61** Rim Mount
 - S62** SVR Surface Vertical Rod
 - S63** Mortise (03 Lever trim included)
- Specify: **EE/GE** Eclipse or Galaxy Escutcheon

2| SPECIFY FUNCTION

- 01** Exit Only
- 02** Dummy
- 03** Nightlatch

3| SPECIFY PANIC OR FIRE RATED

- P** Panic Exit Device
- F** Fire Exit Device

4| SPECIFY HAND (FOR S63 ONLY)

- RR** Right Hand Reverse Bevel, RHRB
- LR** Left Hand Reverse Bevel, LHRB

5| SPECIFY FINISH

- U** 630 Dull Stainless Steel

6| SPECIFY LENGTH

- 36** For 36" Door
- 42** For 42" Door
- 48** For 48" Door

7| SPECIFY CONTROLLER

- DE** Electrification of Master Exit Device and Wall Mount Controller with Keypad Control & Reset 
- KDE** Electrification of Master Exit Device and Wall Mount Controller with Both Keypad and Key Switch Control & Reset, Less Cylinder 
- DES** for Pair of Doors, Additional Exit Device Equipped with Delayed Egress Mechanism, Less Controller. Must be Ordered Together with DE/KDE Device.

8| SPECIFY OPERATION

If no Operation Mode is specified, **NA** is the SDC **Standard** Supplied Code Setting

- NA** IBC, IFC, NFPA Compliant, Field selectable 15 or 30 second exit delay and 1 or 2 second nuisance delay, Field selectable automatic or manual power-up after power loss or emergency release, Manual Reset
- NC** IBC, IFC, NFPA 101, NFPA 1-UFC, UBC, SBC Compliant, Fixed 15 second exit delay, Field selectable 0 or 1 second nuisance delay, Fixed manual power-up after power loss or emergency release, Manual Reset
- ND** IBC, IFC, NFPA 101, NFPA 1-UFC, UBC, SBC Compliant, Fixed 15 second exit delay and field selectable 0 or 1 second nuisance delay, Field selectable automatic or manual power-up after emergency release, Manual Reset
- BC** BOCA National Building Code/City of Chicago, Fixed 15 second exit delay, Fixed 0 second nuisance delay, Field selectable automatic or manual power-up after emergency release, Manual or Auto Reset 30 seconds after door closure. Auto reset is retrigged if door opens before 30 seconds
- BD** BOCA National Building Code, Fixed 15 second exit delay, Field selectable 0 or 1 second nuisance delay, Field selectable automatic or manual power-up after emergency release, Manual or Auto Reset 30 seconds after door closure. Auto reset is retrigged if door opens before 30 seconds


9| SPECIFY TRIM

FOR MORTISE S63 ONLY

- EE** Eclipse Escutcheon **GE** Galaxy Escutcheon



9| SPECIFY TRIM (OPTIONAL)
RIM, SURFACE ONLY

Mechanical Trim (less cylinder)

- EK02U** Dummy Eclipse Escutcheon 
- GK02U** Dummy Galaxy Escutcheon 
- EK03U** Eclipse Escutcheon
- GK03U** Galaxy Escutcheon


Electric Trim

- Failsecure, field reversible to failsafe
- 4 ft cable
- 600/300 mA @12/24VDC

- EKE03U** Eclipse style electric trim less mortise cylinder, Stainless Steel Finish 
- GKE03U** Galaxy style electric trim less mortise cylinder, Stainless Steel Finish 

- CP01** 6-pin Rim Cylinder, Keyed Different, Specifically For EK03, GK03 and SP03

10| SPECIFY OPTIONS FOR CONTROLLER

- DEC-J** 3 Gang Interior-101-DEC 
- SHD-J** Shroud for Outdoor Use DEC-J

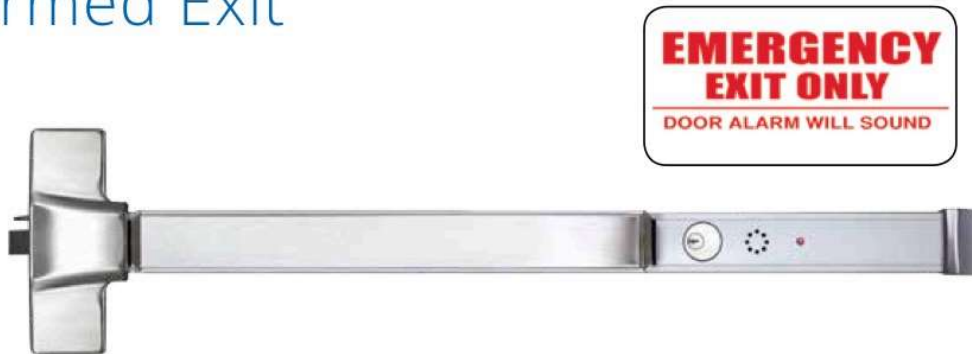
ACCESSORIES

- PTH-4Q** Four Wire, Dull Chrome
- PTH-4QDPS** Four Wire w/DPS, Dull Chrome
- PTH-10Q** Ten Wire, Dull Chrome
- MC-4PAK** Frame Mounted DPS - 10 pack

- PTM-10AL** Ten Wire Aluminum Powder Coat, US28 equivalent
- PTM-10BZ** Ten Wire Aluminum Powder Coat, US10B equivalent, Dark Brown Powder Coat

S6000 Spectra™

Alarmed Exit



ALARMED EXIT

Audible alarm and multi-colored LED provide alert to emergency egress. A field selectable alarm mode includes continuous alarm with manual key reset; or automatic rearm of alarm 2 min after door closes and may be retriggered. May be manually rearmed by key before automatically rearmed.



FEATURES

- 100 dB Alarm; Visual and Audible On/Off Status:
 - Armed - Green LED Blinks Every 4 Seconds
 - Alarm Mode - Red LED, Bypass - No LED
- Remote Status Output
- Remote Inhibit

MODELS

- A** Exit Alarm, 9V Battery Powered
- B** Exit Alarm, 12-24V AC/DC Input, 9V Battery Backup

SPECIFICATIONS

Arming Delay	15 or 60 Seconds
Modes	2 Modes: Continuous Alarm: with Manual Key Reset Automatic Rearm: 2 Minutes After Door Closes or Manual Key Reset Before 2 Minutes
Weight	11.0 lbs



PRODUCT SKU SAMPLE: **S61 03 P U 36 B AR6 EKE03U**

HOW TO ORDER:

1) SPECIFY MODEL

- S61** Rim Mount
- S62** SVR Surface Vertical Rod
- S63** Mortise (03 Lever trim included)
Specify: **EE/GE** Eclipse or Galaxy Escutcheon

2) SPECIFY FUNCTION

- 01** Exit Only
- 03** Nightlatch, Lever, Key Latch Retraction

3) SPECIFY PANIC OR FIRE RATED

- P** Panic Exit Device
- F** Fire Exit Device

4) SPECIFY HAND (FOR S63 ONLY)

- RR** Right Hand Reverse Bevel, RHRB
- LR** Left Hand Reverse Bevel, LHRB

5) SPECIFY FINISH

- U** 630 Dull Stainless Steel

6) SPECIFY LENGTH

- 36** For 36" Door
- 42** For 42" Door
- 48** For 48" Door

7) SPECIFY EXIT ALARM

- A** Exit Alarm, 9V Battery Powered
- B** Exit Alarm with 12/24V AC/DC Input
(9V Battery provides power backup)

Options:

- AR6** 6 or 10 Minute Alarm with Auto Rearm and Manual Key Reset
- AD1** 1 Second Arming Delay
- AR20** 20 Minute Alarm with Auto Rearm and Manual Key Reset

8) SPECIFY TRIM

- FOR MORTISE S63 ONLY**
- EE** Eclipse Escutcheon
 - GE** Galaxy Escutcheon

**8) SPECIFY TRIM (OPTIONAL)
RIM, SURFACE ONLY**

Mechanical Trim (less cylinder)

- EK02U** Dummy Eclipse Escutcheon
- GK02U** Dummy Galaxy Escutcheon
- EK03U** Eclipse Escutcheon
- GK03U** Galaxy Escutcheon



Electric Trim

- Failsecure, field reversible to failsafe
- 4 ft cable
- 600/300 mA @12/24VDC

- EKE03U** Eclipse style electric trim less mortise cylinder, Stainless Steel Finish
- GKE03U** Galaxy style electric trim less mortise cylinder, Stainless Steel Finish

- CP01** 6-pin Rim Cylinder, Keyed Different, Specifically For EK03, GK03 and SP03

ACCESSORIES

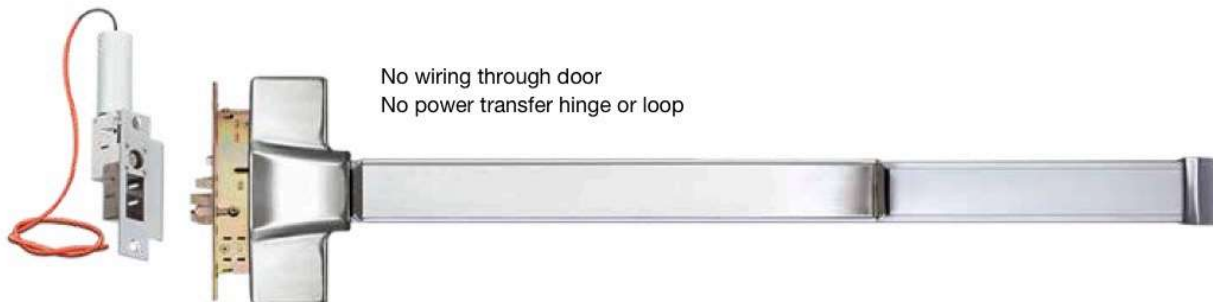
- PTH-4Q** Four Wire, Dull Chrome
- PTH-10Q** Ten Wire, Dull Chrome

- PTM-2AL** Aluminum Powder Coat, US28 equivalent
- PTM-2BZ** Dark Brown Powder Coat, US10B equivalent



S6000 Spectra™

HiTower Pro® Frame Actuator Controlled Mortise Exit Device



No wiring through door
No power transfer hinge or loop

ELECTRIC FRAME ACTUATOR CONTROLLED EXIT DEVICE

Incorporating the SDC patented HiTower® frame actuator to control the locking and unlocking of the door. Features include failsafe operation and unlocks by access control, power loss or signal from fire command center. Door stays latched even when unlocked. All wiring is maintained in the strike jamb. Complies with national building and fire codes.



FEATURES

- Fire Rated Exit Device
- Failsafe (Unlocks by access control, power loss or signal from fire command center.)
- For Use with Fire Rated Exit & Stairwell Doors
- Door Stays Latched Even when Unlocked
- All Wiring is Maintained in The Strike Jamb
- Complies with National Building and Fire Codes
- No Power Hinge

MODELS

S6303FH Fire Rated Mortise Exit Device with Electric Frame Actuator, Key Retracts Latch

SPECIFICATIONS

Voltage	24VDC, 24VAC or 115VAC
Weight	12.0 lbs



PRODUCT SKU SAMPLE: **S6303FH B RR 36 U S GE03 U**

HOW TO ORDER:

1) SPECIFY MODEL

S6303FH Fire Rated Mortise Exit Device with Electric Frame Actuator, Key Retracts Latch

2) SPECIFY ACTUATOR VOLTAGE & FRAME SIZE
FAILSAFE ACTUATOR FOR 1-3/4" TO 2" FACE FRAMES

- A** 115VAC 0.2 Amp
- B** 24VAC 0.5 Amp
- C** 24VDC 0.5 Amp

FAILSAFE ACTUATOR FOR 1-1/4" TO 1-1/2" FACE FRAMES

- D** 115VAC 0.2 Amp
- E** 24VAC 0.5 Amp
- F** 24VDC 0.5 Amp

3) SPECIFY HAND

- RR** Right Hand Reverse Bevel, RHRB
- LR** Left Hand Reverse Bevel, LHRB

4) SPECIFY LENGTH

- 36** For 36" Door
- 42** For 42" Door
- 48** For 48" Door

5) SPECIFY HEAD COVER & PUSH PAD FINISH
 (Push Bar Base Finish Anodized Aluminum)

- U** 630 Dull Stainless Steel

6) SPECIFY OPTIONAL STATUS OUTPUTS

- L** Latch Position Status Output, SPDT, 3 Amp
- S** Latch & Deadlocked Status Output, SPDT, 3 Amp
- SC-10** Socket Connectors with 10 ft. Cable, Power Wiring Only
- SC-10-5** Socket Connectors with 10 ft. Cable for Power and Options L or S

7) SPECIFY TRIM

- EE03** Eclipse x Escutcheon
- E03** Eclipse
- GE03** Galaxy x Escutcheon
- G03** Galaxy
- NE03** Nova x Escutcheon
- N03** Nova



8) SPECIFY TRIM FINISH

- U** 630 Dull Stainless Steel (Standard)

9) SPECIFY KEY CYLINDERS AND OPTIONAL HARDWARE (OPTIONAL)

- CYL-6KDQ** 6 Pin, 1.125" Mortise Cylinder, Keyed different, Dull Chrome
- CYL-6KAQ** 6 Pin, 1.125" Mortise Cylinder, Keyed alike, Dull Chrome

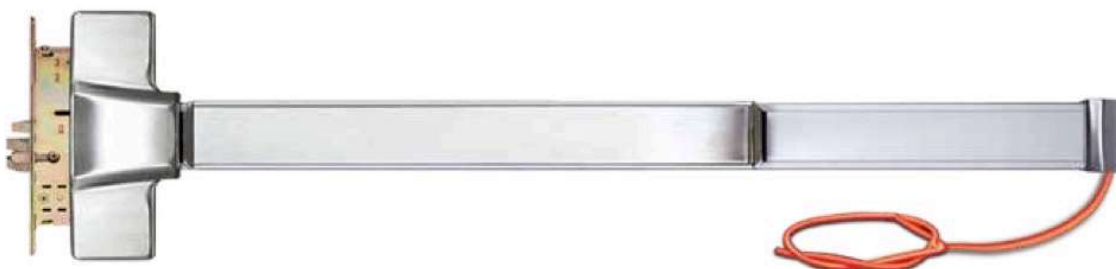
ACCESSORIES

- 602RF** 1 Amp, 24VDC Class 2 Output Power Supply 12" W x 12" H x 3.75" D Box
- 631RF** 1.5 Amp, 24VDC Class 2 Output Power Supply 12" W x 12" H x 3.75" D Box



S6000 Spectra™

Electric Mortise Exit Device



ELECTRIC MORTISE EXIT DEVICE

The SDC Brand electrified mortise exit device incorporating a clutch for vandal resistance and failsafe-failsure function.



FEATURES

- Field Reversible Failsafe/Failsure.
- Remains Latched When Unlocked for Fire Door Integrity
- Failsafe (F) Fire Rated Device for Stairwell Doors
- Power Loss or Signal from Fire Command Center Releases Failsafe Device Immediately
- Complies with National Building and Fire Codes

MODELS

- MS** Failsure Electric Mortise Exit Device
- MF** Failsafe Electric Mortise Exit Device

SPECIFICATIONS

Voltage	600/300 mA @ 12/24VDC
Weight	11.0 lbs



PRODUCT SKU SAMPLE: **S63 03 F RR U 36 EE MF**

HOW TO ORDER:

1| SPECIFY MODEL
S63 Mortise

2| SPECIFY FUNCTION
01 Exit Only
03 Nightlatch

3| SPECIFY PANIC OR FIRE RATED
P Panic Exit Device
F Fire Exit Device

4| SPECIFY HAND
RR Right Hand Reverse Bevel, RHRB
LR Left Hand Reverse Bevel, LHRB

5| SPECIFY FINISH
U 630 Dull Stainless Steel (Standard)

6| SPECIFY LENGTH
36 For 36" Door
42 For 42" Door
48 For 48" Door

7| SPECIFY TRIM
EE Eclipse Escutcheon
GE Galaxy Escutcheon

8| SPECIFY FAILSAFE OR FAILSECURE
MF Failsafe Electric Mortise Exit Device
MS Failsecure Electric Mortise Exit Device

ACCESSORIES

CONCEALED ELECTRIC POWER TRANSFER

2 Conductor: Two (2) 18 Ga. Wires, 5 Amp @ 12/24 V AC/DC

PTM-2AL Aluminum Powder Coat, US28 Equivalent

PTM-2BZ Dark Brown Powder Coat, US10B Equivalent

10 Conductor: Ten (10) 24 Ga. Wires, 1 Amp @ 12/24V AC/DC

PTM-10AL Aluminum Powder Coat, US28 Equivalent

PTM-10BZ Dark Brown Powder Coat, US10B Equivalent



FIRE RATED CONCEALED MORTISE POWER TRANSFER

PT-5 Concealed Mortise Mount Power Transfer Loop

Dimensions: 11.5"H x 1"W x 0.75"D

10B Listed For
 3 Hrs Fire Rated Doors



PT-5



POWER TRANSFER HINGE

PTH-4 Four Conductor Hinge, 1 Amp @ 12/24V per pair, 4.5" x 4.5" Five Knuckle Standard Weight

PTH-10 Ten Conductor Hinge, 1 Amp @ 12/24V per pair, 4.5" x 4.5" Standard Weight

Finish

All Base Material Steel

Q 626 Dull Chrome (Standard) **H** 613 Oil Rubbed Bronze

C 605 Bright Brass **P** 625 Bright Chrome

Options

DPS Concealed Door Position Switch SPDT, 250mA @ 30VDC



POWER TRANSFER LOOPS

PT-2U With End Caps

PT-3V With Aluminum Wire Termination Box



PT-2U

PT-3V

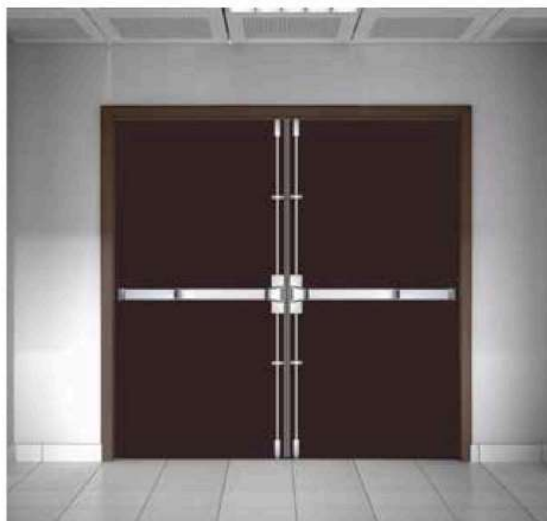
S6000 Spectra™

Electric Dogging



ELECTRIC DOGGING

When energized by optional built-in key switch or remote switch manual, depressing the pushpad, causes the pushpad and latch to remain retracted (unlocked) providing push-pull door operation. When de-energized or signaled by a fire alarm, the pushpad and latch are released.



FEATURES

- Available for Fire Rated & Non Fire Rated Devices
- Built-In Optional Key Switch or Remote Switch enables Push-Pull Door Operation

MODELS

- **G** Electric Dogging (Failsecure 6100, 6200, 6300)

SPECIFICATIONS

Voltage	170/100 mA @ 12/24VDC
Monitoring Available	Latch Status and REX Output Available
Weight	11.0 lbs



PRODUCT SKU SAMPLE: **S61 03 P U 36 G KS EKE03U**

HOW TO ORDER:

1| SPECIFY MODEL

- S61** Rim Mount
- S62** SVR Surface Vertical Rod
- S63** Mortise (03 Lever trim included)
Specify: **EE/GE** Eclipse or Galaxy Escutcheon

2| SPECIFY FUNCTION

- 01** Exit Only
- 02** Dummy
- 03** Nightlatch

3| SPECIFY PANIC OR FIRE RATED

- P** Panic Exit Device
- F** Fire Exit Device

4| SPECIFY HAND (FOR S63 ONLY)

- RR** Right Hand Reverse Bevel, RHRB
- LR** Left Hand Reverse Bevel, LHRB

5| SPECIFY FINISH

- U** 630 Dull Stainless Steel

6| SPECIFY LENGTH

- 36** For 36" Door
- 42** For 42" Door
- 48** For 48" Door

7| SPECIFY ELECTRIC DOGGING

- G** Electric Dogging
- Options:
 - KS** Built-In Key Switch
 - L1** Dogged Status Indicator, Less Cylinder, Green = Dogged (Unlocked)

8| SPECIFY TRIM FOR MORTISE S63 ONLY

- EE** Eclipse Escutcheon
- GE** Galaxy Escutcheon

9| SPECIFY TRIM (OPTIONAL) RIM S61 AND SURFACE S62 ONLY
Mechanical Trim (less cylinder)

- EK02U** Dummy Eclipse Escutcheon
- GK02U** Dummy Galaxy Escutcheon
- EK03U** Eclipse Escutcheon
- GK03U** Galaxy Escutcheon



Electric Trim

- Failsecure, field reversible to failsafe
- 4 ft cable
- 600/300 mA @12/24VDC

- EKE03U** Eclipse style electric trim less mortise cylinder, Stainless Steel Finish
- GKE03U** Galaxy style electric trim less mortise cylinder, Stainless Steel Finish



- CP01** 6-pin Rim Cylinder, Keyed Different, Specifically For EK03, GK03 and SP03

ACCESSORIES

- PTH-4Q** Four Wire, Dull Chrome Power Transfer Hinge
- PTH-10Q** Ten Wire, Dull Chrome Power Transfer Hinge



- PTM-2AL** Electric Power Transfer Device, Aluminum Powder Coat, US28 equivalent
- PTM-2BZ** Electric Power Transfer Device, Dark Brown Powder Coat, US10B equivalent



- 602RF** 1 Amp, 12/24 VDC Class 2 Output Power Supply, 12" W x 12" H x 3.75" D Box
- 631RF** 1.5 Amp, 12/24 VDC Class 2 Output Power Supply, 12" W x 12" H x 3.75" D Box



S6000 Spectra™

Electric Latch Retraction & Dogging



ELECTRIC LATCH RETRACTION

Electric Latch Retraction enables electric access control and dogging of mechanical exit devices. When energized the motor retracts the exit device latch and pulls the pushpad on most devices into the dogged (depressed) position enabling momentary or sustained push and pull operation of the door.



FEATURES

- Choice of Internal or External Module Electric Latch Retraction and Dogging
- Use for Rim, Surface Vertical or Mortise Exit Devices

MODELS

- E** Dual Electric Latch Retraction/Dogging
- EM** External Module Dual Electric Latch Retraction/Dogging

SPECIFICATIONS

Operation	Momentary or Maintained Latch Bolt and Push Pad Retraction, with Simultaneous Dogging. Automatic Re-Triggering of Latch Retraction
Finish	Dull Stainless Steel
Voltage	24VDC @ 700 mA Activation, 200 mA Continuous
Weight	11.0 lbs



PRODUCT SKU SAMPLE: **S61 03 P RR U 36 E EK03U**

HOW TO ORDER:

1| SPECIFY MODEL

- S61** Rim Mount
- S62** SVR Surface Vertical Rod
- S63** Mortise (03 Lever trim included)
Specify: **EE/GE** Eclipse or Galaxy Escutcheon

2| SPECIFY FUNCTION

- 02** Dummy Lever or Pull
- 03** Nightlatch, Lever or Pull, Key Latch Retraction

3| SPECIFY PANIC OR FIRE RATED

- P** Panic Exit Device
- F** Fire Exit Device

4| SPECIFY HAND

- RR** Right Hand Reverse Bevel, RHRB
- LR** Left Hand Reverse Bevel, LHRB

5| SPECIFY FINISH

- U** 630 Dull Stainless Steel

6| SPECIFY LENGTH

- 36** For 36" Door
- 42** For 42" Door
- 48** For 48" Door

7| SPECIFY ELECTRIC LATCH RETRACTION

- E** Dual Electric Latch Retraction Dogging
- EM** External Module Dual Electric Latch Retraction/Dogging (8 Wires Req'd)

8| SPECIFY TRIM

FOR MORTISE S63 ONLY (LESS CYLINDER)

- EE** Eclipse Escutcheon
- GE** Galaxy Escutcheon

8| SPECIFY TRIM (OPTIONAL)
RIM S61 AND SURFACE S62 ONLY
Mechanical Trim (less cylinder)

- EK02U** Dummy Eclipse Escutcheon
- GK02U** Dummy Galaxy Escutcheon
- SP02U** Dummy Saturn Escutcheon
- EK03U** Eclipse Escutcheon
- GK03U** Galaxy Escutcheon
- SP03U** Saturn Escutcheon



CP01 6-pin Rim Cylinder, Keyed Different, Specifically For EK03, GK03 and SP03

RETROSELECT™ Package

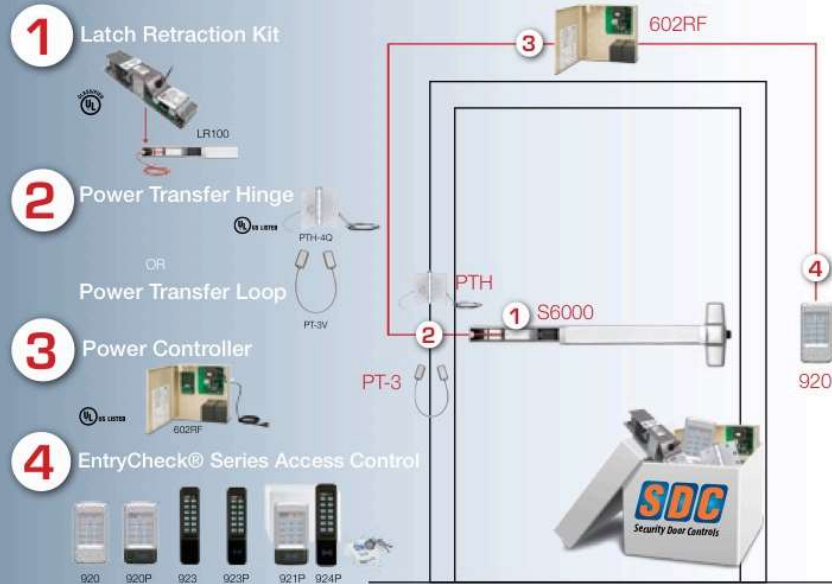
ALL INCLUSIVE LATCH RETRACTION RETROFIT KIT

The SDC RetroSELECT™ Package is an all-inclusive Latch Retraction Retrofit Kit for most major brands - a **System Package** designed to include everything in one box with one shipment convenience and reduced package pricing. Includes Electric Latch Retraction, Access Control, Power Hinge or Loop, and Power Supply, depending on the package configuration.

CALL TO ORDER

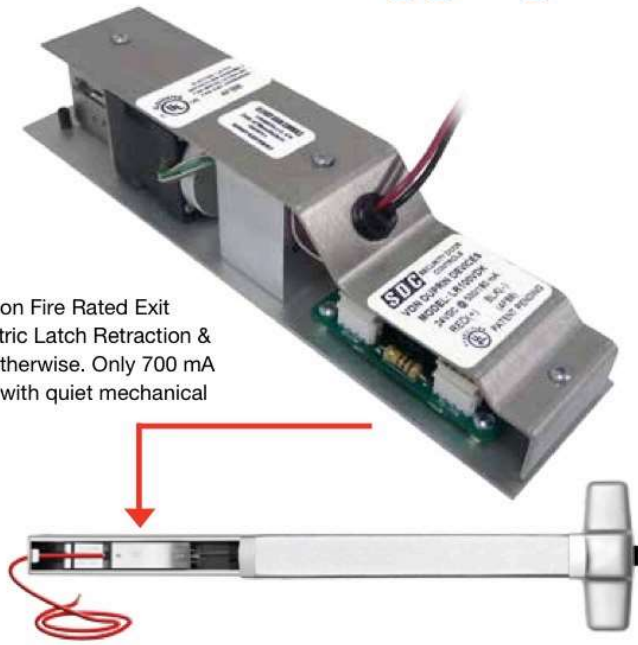
Use Promo Code: **RETRO**
For Your Direct RetroSelect™ Discount!
(offer exclusive for SDC Direct Accounts)

800.413.8783



QUIET DUO™ LR100

Latch Retraction / Dogging Kit Series



QUIET DUO™ ELR KIT

For Use with Fire Rated & Non Fire Rated Exit Devices. Simultaneous Electric Latch Retraction & Dogging* unless specified otherwise. Only 700 mA Inrush, 200 mA Continuous with quiet mechanical and electric operation

Patents # US 8,851,530

QUIET DUO™ LR100 SERIES AVAILABLE FOR THESE BRANDS:

- Von Duprin
- Yale
- Corbin Russwin
- Dor-O-Matic
- Hager
- Adams Rite
- Jackson
- Stanley K2
- IDC
- TownSteel
- Arrow
- PHI
- Tell
- Falcon
- Dorma
- Cal-Royal
- PDQ
- Falcon IR
- Marshall Best
- Sargent
- SDC
- Detex

Refer to next pages to confirm compatibility of Rim, Mortise, Surface & Concealed Vertical Rod for each brand.

FEATURES

- 700 mA Inrush, 200 mA Continuous @ 24VDC
- For Access Control and Sustained Dogging Applications
- Simultaneous Latch Retraction and Dogging (Pushpad Depressed*) for Most Exit Devices
- Pushpad is Depressed* Electrically for Quieter Push / Pull Operation
- Automatic Re-Trigger if Device Does Not Pull on First Try

* IMPORTANT NOTE: Electric pushpad depression not available with Corbin Russwin, Yale, and Adams Rite.

BENEFITS

- Eliminates Need for Costly Replacement of Existing Exit Device
- Significantly Less Labor and Costs Compared to Competitive Retrofit Kits
- Eliminates Need for Costly Power Supplies with High Inrush Circuitry. Compatible with UL Listed Access Control Power Supply
- Only 1 Amp SDC Brand Power Supply Required for Up to 2 Exit Devices
- Low Current Enables Longer Wire Runs with Smaller Gauge Wire
- No Door Sequencers Required for Pairs of Manual Doors
- Installs in Von Duprin Non-Fire Rated Panic Device without Removing From The Door



All trademarks are property of their respective owners.

SDC SECURITY DOOR CONTROLS ■ WWW.SDCSECURITY.COM

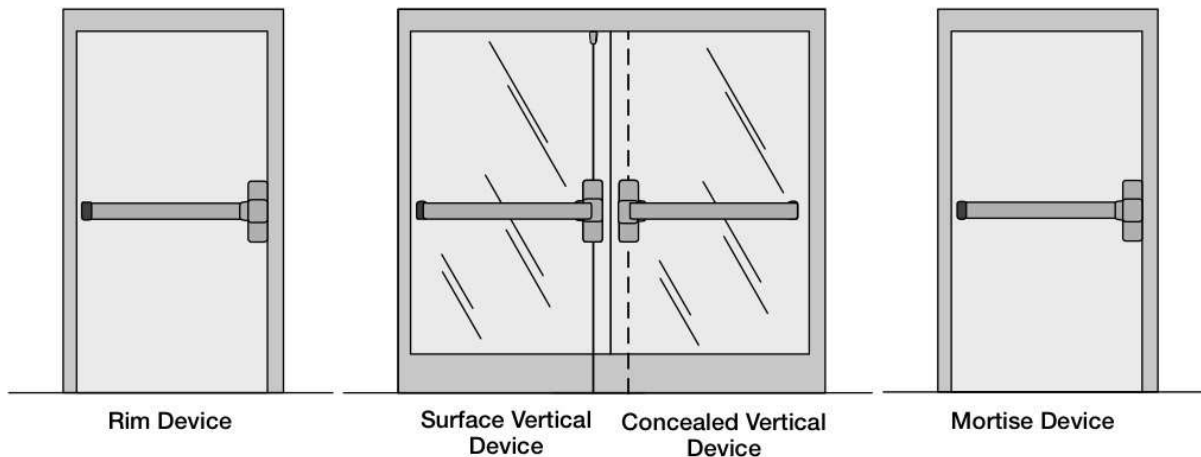
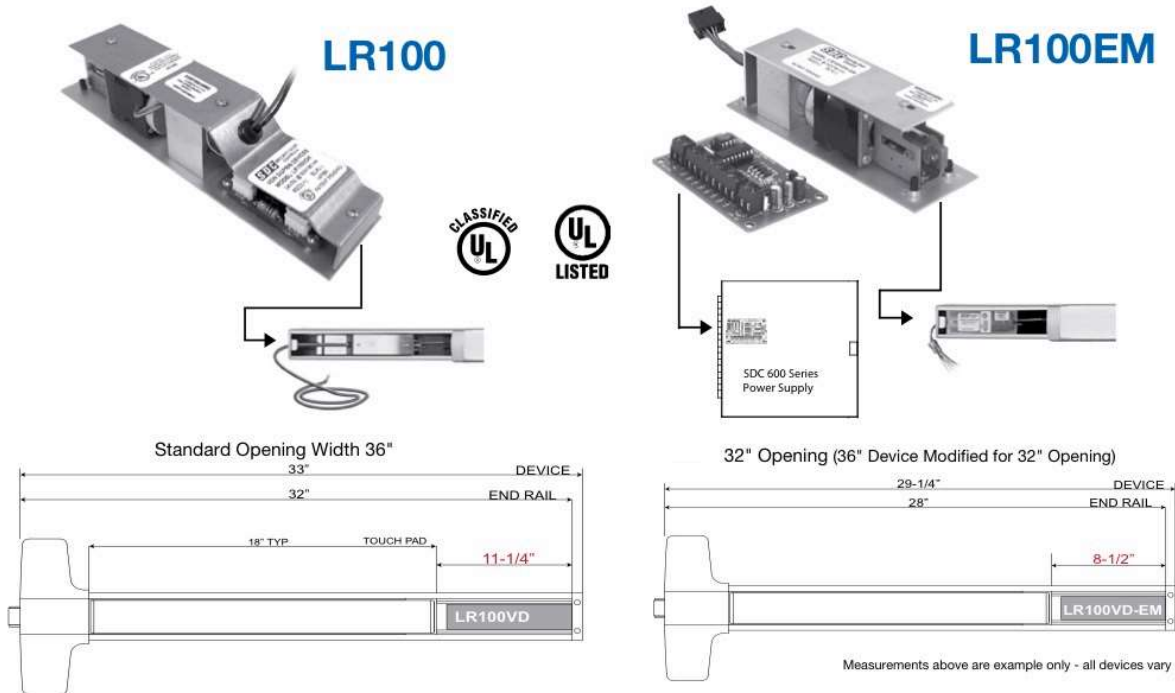
APPLICATION

The SDC LR100 Series Electric Latch Retraction Kit enables electric access control and dogging of mechanical exit devices. When energized the motor retracts the exit device latch and pulls the pushpad into the dogged (depressed) position enabling momentary or


sustained push and pull operation of the door. The latch retraction mechanism may be activated by an access control, remote control device or building automation system. The exit device always provides uninhibited egress.

Field Installed Retrofit Kit - UL Classified for use with 3hr fire rated and non-fire rated exit devices.

SDC Factory Installed Kit - UL Listed for use with 3hr fire rated and non-fire rated exit devices. Distributor sends exit device to SDC for kit installation.



 MODELS

Adams Rite Exit Device		
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	LR100ARK 	LR100AR
30"	LR100ARK-EM	LR100AR-EM
Models		
Rim Mount	8700** / 8800 / 3700	
Surface Vertical Rod	8100 / 8200 / 3100	
Concealed Vertical Rod	8500 / 8600 / 3600	
Options		
LRAR1R	REX Status Kit	

* Note: Retracts only the latch ** Works with EM version ONLY

Arrow 1000 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	LR100AWK 	LR100AW
Models		
Rim Mount	S1250	
Surface Vertical Rod	S1150	
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100AWK-ED910	LR100AW-ED910
Models		
Rim Mount	ED910	

Cal-Royal Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100CAK	LR100CA
Models		
Rim Mount	7700 / F7700	
Surface Vertical Rod	7760 / F7760	
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100CAK-9800	LR100CA-9800
Models		
Rim Mount	9800 / F9800	
Surface Vertical Rod	9860 / F9860	
Opening for	Field Retrofit Kit	Factory Installed
30"	LR100CAK-EM	LR100CA-EM
Models		
Rim Mount	2200 / F2200 / 9800 / F9800	
Surface Vertical Rod	2260 / F2260 / 9860 / F9860	

Corbin Russwin ED Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100CRK 	LR100CR
30"	LR100CRK-EM	LR100CR-EM
42" - 48"	LR100CRK-42/48	LR100CR-42/48
Models		
Rim Mount	ED5200 / ED4200	
Surface Vertical Rod	ED5400	
Concealed Vertical Rod	ED4800 / ED5800	
Options		
LRCR1L	Latch Status Kit	
LRCR1R	REX Status Kit	



* Note: Retracts only the latch

Design Hardware Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100DHK	LR100DH
Models		
Rim Mount	1000R	
Surface Vertical Rod	1000V	

Detex Exit Device		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100DXK 	LR100DX
Models		
Rim Mount	10 / 40 Series	
Surface Vertical Rod	20 / 50 Series	
Concealed Vertical Rod	80 / 81 / 62 / 63 Series	
Options		
LRDX1R	REX Status Kit	

Dorma Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100DAK 	LR100DA
Models		
Rim Mount	9300 / F9300	
Surface Vertical Rod	9400 / F9400	

Falcon 24/25 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100FRK 	LR100FR
Models		
Rim Mount	25-R / F-25-R / 24-R / F-24-R	
Surface Vertical Rod	25-V / F-25-V / 24-V / F-24-V	
Concealed Vertical Rod	25-C / F-25-C / 24-C / F-24-C	

Falcon Dor-O-Matic Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100FAK 	LR100FA
30"	LR100FAK-EM	LR100FA-EM
Models		
Rim Mount	1790	
Concealed Vertical Rod	1690	
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100DMK 	LR100DM
Models		
Rim Mount	1590	
Concealed Vertical Rod	1490	

Hager 4500 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"- 48"	LR100HK 	LR100H
30"	LR100HK-EM	LR100H-EM
Models		
Rim Mount	4501 - Rim	
Surface Vertical Rod	4501 - SVR	
Options		
LRH1L	Latch Status Kit	
LRH1R	Pushpad/Dogging Status or REX Status Kit	


Jackson 2000 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100JAK	LR100JA
Models		
Rim Mount	2095	
Concealed Vertical Rod (top latch)	2085	
Concealed Vertical Rod (top bolt)	2086	

IDC (International Door Closers) 8000 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"- 48"	LR100IDCK	LR100IDC
30"	LR100IDCK-EM	LR100IDC-EM
Models		
Rim Mount	8610 / 8810 / 8510 / 8710	
Surface Vertical Rod	8630 / 8830 / 8530 / 8730	
Mortise	8620 / 8820	
Concealed Vertical Rod	8650 / 8850 / 8550 / 8750	
Options		
LRIDC1L	Latch Status Kit	
LRIDC1R	Pushpad/Dogging Status or REX Status Kit	


Marshall Best Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100MBSK	LR100MBS
Models		
Rim Mount	Q1100 / QF1100	
Surface Vertical Rod	Q1200 / QF1200	


Pamex Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"- 48"	LR100PAK	LR100PA
30"	LR100PAK-EM	LR100PA-EM
Models		
Rim Mount	EP9000	
Surface Vertical Rod	EP9000V	
Concealed Vertical Rod	EP9020V	

PDQ Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	LR100PDQK	LR100PDQ
Models		
Rim Mount	6200R	
Surface Vertical Rod	6200V	

PHI (Precision Hardware)		Exit Devices
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100PDK 	LR100PD
Models		
Rim Mount	2100 / 2400	
Surface Vertical Rod	2200 LBR	
Concealed Vertical Rod	2800 LBR / 2600	
Rim Mount	5100	
Surface Vertical Rod	5200 LBR	
Options		
LRP1L	Latch Status Kit for PHI Rim 2000 Series	
LRP2L	Latch Status Kit for PHI Vertical 2000 Series	
LRP1R	REX Status or Pushpad/Dogging Status for PHI 2000 Series	



Sargent		Exit Devices
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	LR100SGK 	LR100SG
30"	LR100SGK-EM	LR100SG-EM
Models		
Rim Mount	8500 / 8800	
Surface Vertical Rod	8700	
Concealed Vertical Rod	8400 / 8600	
Mortise	8300 / 8900	
Options		
LRSG2R	Latch Status and REX Status or Pushpad/Dogging Status Kit	


SDC		6000 Series Exit Devices
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	LR100SDCK 	LR100SDC
30"	LR100SDCK-EM	LR100SDC-EM
Models		
Rim Mount	S6100	
Surface Vertical Rod	S6200	
Mortise	S6300	
Concealed Vertical Rod	S6800	
Options		
LRSDC1L	Latch Status Kit	
LRSDC1R	Pushpad/Dogging Status or REX Status Kit	

Stanley K2		QED Series Exit Devices
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	LR100K2K 	LR100K2
30"	LR100K2K-EM	LR100K2-EM
Models		
Rim Mount	QED111	
Surface Vertical Rod	QED114	
Concealed Vertical Rod	QED124	
Options		
LRK2R	Latch Status and REX Status or Pushpad/Dogging Status Kit	

Tell		Exit Devices
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100TEK	LR100TE
Models		
Rim Mount	9500	
Surface Vertical Rod	9400	

TownSteel		ED1100 Series Exit Devices
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	LR100TSK	LR100TS
30"	LR100TSK-EM	LR100TS-EM
Models		
Rim Mount	ED1100	
Surface Vertical Rod	ED1200	
Concealed Vertical Rod	ED1300	
Options		
LR100TSK-55/56	Latch Status and REX Status or Pushpad/Dogging Status Kit	
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100TSK-55/56	LR100TS-55/56
Models		
Rim Mount	ED5500	
Surface Vertical Rod	ED5600	
Options		
LR100TSK-65/67	REX Status Kit for ED5500	
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100TSK-65/67	LR100TS-65/67
Models		
Rim Mount	ED6500	
Surface Vertical Rod	ED6700	

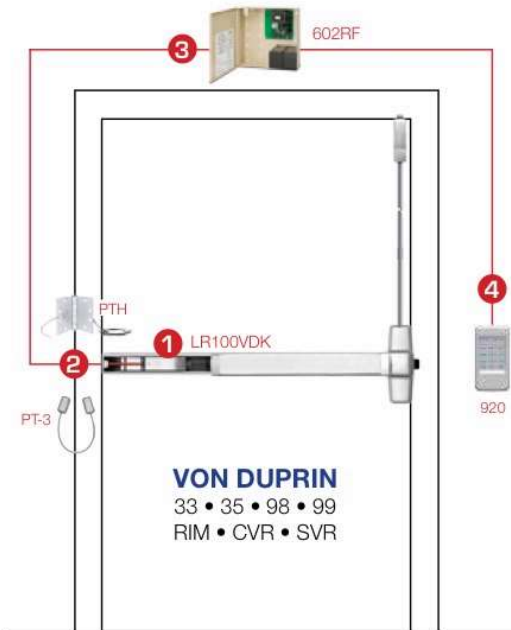
Von Duprin 98/99 and 33/35 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	LR100VDK 	LR100VD
30"	LR100VDK-EM 	LR100VD-EM
Models		
Rim Mount	98 / 99	33A / 35A
Surface Vertical Rod	9827 / 9927	3327A / 3527A
Concealed Vertical Rod	9847 / 9947	3347A / 3547A
Mortise	9875 / 9975	
Three Point latching	9857 / 9957	
Options		
LRVD1L	Latch Status Kit for Von Duprin 98/99 and 22 Series	
LRVD2L	Latch Status Kit for Von Duprin 33/35 Series	
LRVD1R	REX Status or Pushpad/Dogging Status for Von Duprin 98/99 Series	
LRVD2R	REX Status or Pushpad/Dogging Status for Von Duprin 33/35 Series	

Von Duprin 22 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	LR100VDK-22 	LR100VD22
30"	LR100VDK-22-EM	LR100VD-EM22
Models		
Rim Mount	22	
Surface Vertical Rod	2227	
Options		
LRVD1L	Latch Status Kit for Von Duprin 98/99 and 22 Series	
LRVD2R	REX Status or Pushpad/Dogging Status for Von Duprin 22 Series	

Yale 7000 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	LR100YDK 	LR100YD
30"	LR100YDK-EM	LR100YD-eM
42" - 48"	LR100YDK-42/48	LR100YD-42/48
Models		
Rim Mount	7100, 7102, 7200	
Surface Vertical Rod	7110, 7210	
Concealed Vertical Rod	7120, 7220	
Options		
LR1L	Latch Status Kit	
LR1R	Pushpad/Dogging Status or REX Status Kit	

see page 121 for Application Solutions

* Note: Retracts only the latch



PERFORMANCE PACKAGE

ALL INCLUSIVE ELECTRIC LATCH RETRACTION



Reduced Package Pricing. One Box - One Shipment Convenience

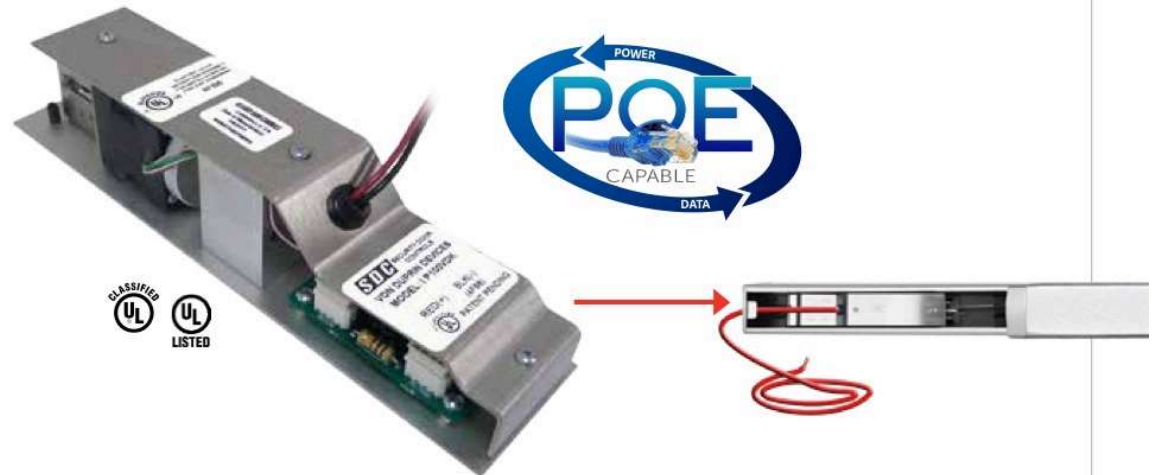
- **EASY INSTALL**
- **GUARANTEED COMPATABILITY**
- **AVAILABLE FROM SDC SHIPQUICK INVENTORY**
- **QUIET OPERATION**
- **WARRANTY EXTENSION TO 10 YEARS**
- **ONE SOURCE SUPPORT**

- 1** LR100VDK - Latch Retraction Kit
 - Field Install
 - 24VDC, 700mA Motor 
 - Electromagnetic Dogging
- 2** PTH-4Q - Power Transfer Hinge
 - 4 wire, 4-1/2" x 4-1/2" 
 - 5ft Cable
 PT-3V - Power Transfer Loop
 - 18" Armored Flex Conduit
 - Wire Junction Box
- 3** 602RF Power Supply
 - Filtered & Regulated 
 - Emergency Release Input
 - Isolated Battery Circuit
- 4** 920 EntryCheck® Digital Keypad
 - Indoor, Outdoor Heavy Duty Cast Housing
 - 500 User Codes
 - Easy Programming

Quiet Duo™ Series

IP100 12V Latch Retraction/Dogging Kit

SDC DESIGNED AND MANUFACTURED



The SDC IP100 Series 12V PoE-Capable Electric Latch Retraction Kit enables electric access control and dogging of mechanical exit devices. When energized the motor retracts the exit device latch and pulls the pushpad into the dogged (depressed) position enabling momentary or sustained push and pull operation of the door.

The latch retraction mechanism may be activated by an access control, remote control device or building automation system. The exit device always provides uninhibited egress.

QUIET DUO™ IP100 SERIES AVAILABLE FOR THESE BRANDS:

- Von Duprin
- SDC
- Corbin Russwin
- Hager
- Sargent
- Yale
- Adams Rite
- Falcon

Refer to next pages to confirm compatibility of Rim, Mortise, Surface Vertical Rod for each brand.



FEATURES

- 700 mA Inrush, 200 mA Continuous @ 12VDC
- Power Over Ethernet (PoE) Capable
- For Access Control and Sustained Dogging Applications
- Simultaneous Latch Retraction and Dogging (Pushpad Depressed) for Most Exit Devices*
- Pushpad is Depressed* Electrically for Quieter Push / Pull Operation
- Automatic Re-Trigger if Device Does Not Pull On First Try
- Eliminates Need for Costly Replacement of Existing Exit Device
- Significantly Less Labor and Costs Compared to Competitive Retrofit Kits
- Low Current Enables Longer Wire Runs with Smaller Gauge Wire
- No Door Sequencers Required for Pairs of Manual Doors

* IMPORTANT NOTE: Electric pushpad depression not available with Corbin Russwin, Yale, and Adams Rite.



All trademarks are property of their respective owners.

SDC SECURITY DOOR CONTROLS ■ WWW.SDCSECURITY.COM

119

SPECIFICATIONS

Voltage 12VDC

Current 700mA inrush, 200mA continuous

MODELS

Adams Rite Exit Device		
Opening for	Field Retrofit Kit	Factory Installed
36"	IP100ARK	IP100AR
Models		
Rim Mount	8700 / 8800 / 3700	

* Note: Retracts only the latch

Corbin Russwin ED Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	IP100CRK	IP100CR
Models		
Rim Mount	ED5200 / ED4200	
Options		
LRCR1L	Latch Status Kit	
LRCR1R	REX Status Kit	

* Note: Retracts only the latch

Falcon 24/25 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	IP100FRK	IP100FR
Models		
Rim Mount	25-R / F-25-R / 24-R / F-24-R	

Hager 4500 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	IP100HK	IP100H
Models		
Rim Mount	4501 - Rim	
Surface Vertical Rod	4501 - SVR	
Options		
LRH1L	Latch Status Kit	
LRH1R	Pushpad/Dogging Status or REX Status Kit	

Sargent Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	IP100SGK	IP100SG
Models		
Rim Mount	8800	
Surface Vertical Rod	8700	
Options		
LRSG1R	REX Status Kit	

* Note: Retracts only the latch

SDC 6000 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	IP100SDCK	IP100SDC
Models		
Rim Mount	S6100	
Surface Vertical Rod	S6200	
Options		
LRSDC1L	Latch Status Kit	
LRSDC1R	Pushpad/Dogging Status or REX Status Kit	

Von Duprin 98/99 and 33/35 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36" - 48"	IP100VDK	IP100VD
Models		
Rim Mount	98 / 99	33A / 35A
Surface Vertical Rod	9827 / 9927	3327A / 3527A

* Note: Retracts only the latch

Yale 7000 Series Exit Devices		
Opening for	Field Retrofit Kit	Factory Installed
36"	IP100YDK	IP100YD
Models		
Rim Mount	7100 / 7102 / 7200	
Options		
LRY1L	Latch Status Kit	
LRY1R	REX Status Kit	

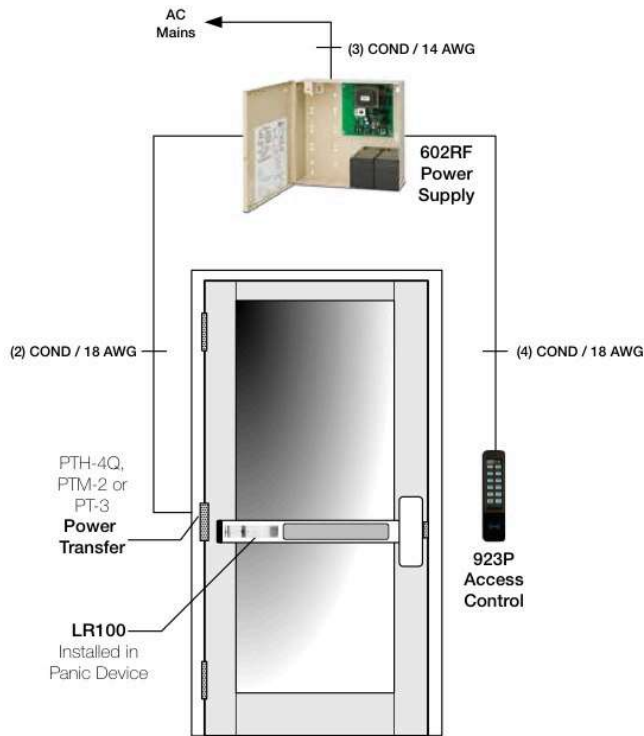
* Note: Retracts only the latch

ACCESSORIES

- PTH-4Q** Power Transfer Hinge, 4 Wire, UL Listed, Fire Rated
- PTH-10Q** Power Transfer Hinge, 4 Wire, UL Listed, Fire Rated
- PT-5** Mortise Power Transfer Device, UL 294 Listed, Fire Rated

- PT-3V** Stainless steel door loop with surface wire junction
- PTM-2** Electric Power Transfer Device, (2) 18 GA wires, 5 Amp Max., UL Listed, Fire Rated
- PTM-10** Electric Power Transfer Device, (10) 24 Ga. wires, 1 Amp Max., UL Listed, Fire Rated

APPLICATION



923P Access Control Keypad
see page 157



PTH Power Transfer Hinge
see page 229

PTM-2 Power Transfer Hinge
see page 231

PT-3 Power Transfer Hinge
see page 235



602RF 1 Amp, 12/24 VDC Class 2 Output Power Supply
see page 239



IPPro IP-based Access Control Controller
see page 147



920PW Wiegand Access Control Keypad or Reader
see page 155 and page 151



PTH Power Transfer Hinge
see page 229



602RF 1 Amp, 12/24 VDC Class 2 Output Power Supply
see page 239

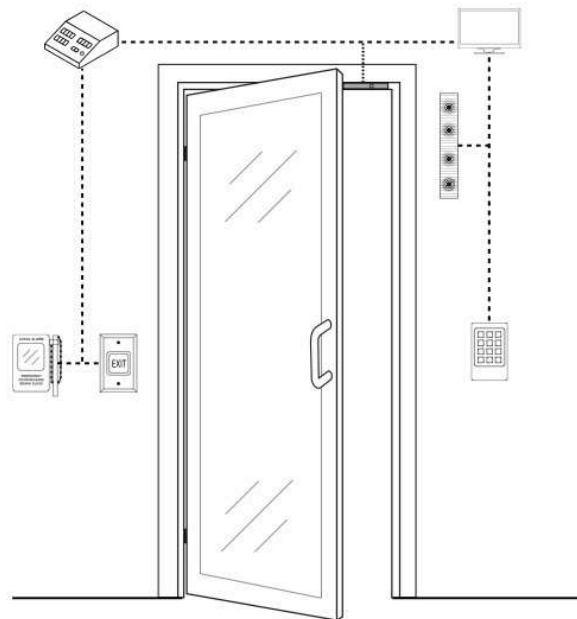


Electric Bolt Locks

Recommended for high security interior door and cabinet applications where electromagnetic locks are not required.

The SDC family of electric bolt locks include long life solenoid driven direct throw mortise bolts, Spacesaver® right angle bolts for narrow frames and door stiles and surface mounted bolt locks for door and cabinet applications. Compatible with virtually any access control system, electromechanical bolt locks are available in failsafe and failsecure modes.

As the inventor of numerous electronic lock designs, SDC founder **Art Geringer** is credited with ushering in the modern era of access control hardware with his development of the 90° throw electric lock. Now commonly used, this creation opened the potential of electric locking capabilities and began the great migration to electric locking systems.



1090 / 1290 Spacesaver® Bolt Locks

The Spacesaver®, first designed and patented by SDC, is a fundamental innovation in electric locking technology for access control applications.



FEATURES

STAINLESS STEEL BOLT

Greater security is provided by the 0.625" diameter solid stainless steel bolt. The bolt rotates freely, making attempts to tamper or cut extremely difficult.

SPECIFICATION GRADE SOLENOID

All Spacesaver® lock solenoids are manufactured by SDC to precision specifications. SDC solenoids are capable of superior overall performance in both force and longevity, providing years of service compared to commercial grade solenoids.

CODE COMPLIANT

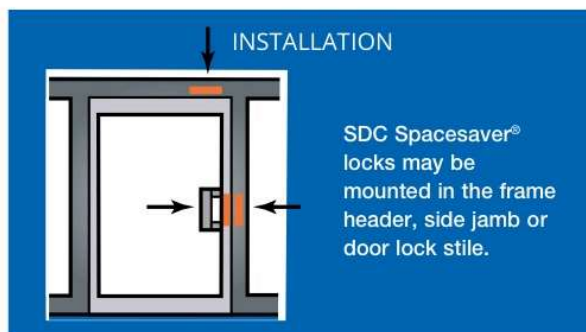
Classified in accordance with Uniform Building Code standard 7-2, "Fire Test for Door Assemblies"

FIELD ADJUSTABLE AUTO-RELOCK SWITCH

The automatic relock switch keeps the bolt retracted while the door is open. The door depresses the ball switch assembly on closure, causing the bolt to project automatically, locking the door. In addition, the ball switch assembly is bidirectional, permitting the locks to be used on swinging and sliding doors.



The auto relock assembly is field adjustable to compensate for wide door gap. (See Figure 1 & 2 above)



The stainless steel bolt projects at right angles to the lock mechanism, allowing installation of Spacesaver® locks, by means of a simple cutout, in virtually any standard 1.75" frame, or in most door lock stiles. With the entire lock concealed, aesthetic acceptability is complete, security is greater and installation in old or new construction is fast, easy and economical.

MODELS	
1091AI	Fail-safe 12/24VDC
1091AIWD	Fail-safe 12/24VDC, with 8-1/2" x 1-1/2" x 1/8" faceplate, specifically for wood frames
1091ADLI	Fail-safe Deadlocking 12/24VDC
1091ADLWDI	Fail-safe Deadlocking 12/24VDC with 8-1/2" x 1-1/2" x 1/8" faceplate, specifically for wood frames
1291AH	Fail-secure 12/24VDC
1291AHWD	Fail-secure 12/24VDC, with 9" x 1-1/2" x 1/8" faceplate, specifically for wood frames



LOCK FUNCTION

1091A FAILSAFE

The **1091A** is locked when energized. Recommended for safety applications, it is intended that the door unlock automatically when power is interrupted by the access control, power failure or signal from a fire life safety system.

- Bolt Throw 0.75"

The **1091ADL** is equipped with a deadlocking mechanism that prevents the bolt from being tampered with and pried to unlock. The 1091ADL has all the operational features of the 1091A (above) and is recommended for failsafe applications requiring a higher level of security.

1291A FAILSECURE

The **1291A** is locked when de-energized and unlocked when energized. Recommended for security applications only, it is intended that the door remains locked when power is interrupted by a power failure.

- Bolt Throw 0.625"

SPECIFICATIONS

Face Plate	8"L x 1-1/2"W x 1/8"D (unless noted differently)
Strike	4"L x 1-1/2"W x 1/8"D
Frame Inner Dimension Requirements	8"L x 1-1/2"W x 1-1/2"D See figure 4 below
Bolt Material	Solid Stainless Steel
Bolt Diameter	5/8"
Bolt Throw	1091A/1091ADL: 3/4" 1291A: 5/8"
Mounting Tabs	Two aluminum mounting tabs are provided for easy lock installation. See figure 3B below
Dual Voltage Coil	0.45 Amp @ 24VDC Continuous Duty 0.9 Amp @ 12VDC Continuous Duty
Weight	1.45 lbs

Figure 3A, 3B, 3C, 3D: Typical Frame Header or Side Jamb Installation

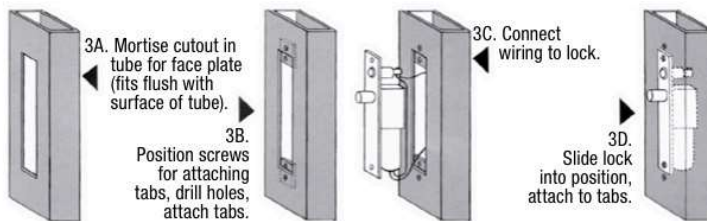
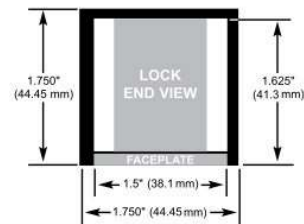


Figure 4: End View



PRODUCT SKU SAMPLE: **1091AI V D B**

HOW TO ORDER

1| SPECIFY MODEL

- 1091AI** Failsafe 12/24VDC
- 1091AIWD** Failsafe 12/24VDC, with 8-1/2" x 1-1/2" x 1/8" faceplate, specifically for wood frames
- 1091ADLI** Failsafe Deadlocking 12/24VDC
- 1091ADLWDI** Failsafe Deadlocking 12/24VDC, with 8-1/2" x 1-1/2" x 1/8" faceplate, specifically for wood frames
- 1291AH** Failsecure 12/24VDC
- 1291AHWD** Failsecure 12/24VDC, with 9" x 1-1/2" x 1/8" faceplate, specifically for wood frames

2| SPECIFY FINISH

- V** 628 Clear Anodized Aluminum (Standard)
- 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
- Q** 626 Dull Chrome
- U** 630 Satin Stainless Steel
- Y** 335 Black Anodized

3| SPECIFY OPTIONS

- B** Magnetic Bolt Status Switch SPDT 0.25 Amp @ 30VDC Indicates bolt locked and bolt unlocked.
- D** Mechanical Door Position Switch SPDT 5 Amps @ 30VDC Integral to the auto relock ball switch assembly. Indicates, door closed and door open. Recommended for minimum security applications only

1091ADMR / 1291ADMR Spacesaver®

Electric Dead Bolt Locks with Mechanical Release

The **Spacesaver®**, first designed and patented by SDC, is a fundamental innovation in electric locking technology for access control applications.

FEATURES

STAINLESS STEEL BOLT

Greater security is provided by the 0.625" diameter stainless steel bolt. The bolt rotates freely, making attempts to tamper or cut extremely difficult.

SPECIFICATION GRADE SOLENOID

All Spacesaver® lock solenoids are manufactured by SDC to precision specifications. SDC solenoids are capable of superior overall performance in both force and longevity, providing years of service compared to commercial grade solenoids.

MECHANICAL RELEASE FUNCTION

When used with a mortise key cylinder (not included), the manual release assembly will retract the bolt.

FIELD ADJUSTABLE AUTO-RELOCK SWITCH

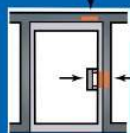
The automatic relock switch keeps the bolt retracted while the door is open. The door depresses the ball switch assembly on closure, causing the bolt to project automatically, locking the door. In addition, the ball switch assembly is bidirectional, permitting the locks to be used on swinging and sliding doors.



Fig. 1

Fig. 2

The auto relock assembly is field adjustable to compensate for wide door gap. (See Figure 1 & 2 above)



INSTALLATION

SDC Spacesaver® locks may be mounted in the frame header, side jamb or door lock stile.

The stainless steel bolt projects at right angles to the lock mechanism, allowing installation of Spacesaver® locks, by means of a simple cutout, in virtually any standard 1.75" frame, or in most door lock stiles. With the entire lock concealed, aesthetic acceptability is complete, security is greater and installation in old or new construction is fast, easy and economical.



MODELS

1091ADMR Failsafe 12/24VDC
1291ADMR Failsecure 12/24VDC



LOCK FUNCTION

1091ADMR FAILSAFE

The 1091ADMR is locked when energized. Recommended for safety applications, it is intended that the door unlock automatically when power is interrupted by the access control, power failure or signal from a fire life safety system.

- Bolt Throw 0.75"

1291ADMR FAILSECURE

The 1291ADMR is locked when de-energized and unlocked when energized. Recommended for security applications only, it is intended that the door remains locked when power is interrupted by a power failure.

- Bolt Throw 0.625"

SPECIFICATIONS

Face Plate	10-1/2"L x 1-1/2"W x 1/8"D (unless noted differently)
Strike	4"L x 1-1/2"W x 1/8"D
Frame Inner Dimension Requirements	8"L x 1-1/2"W x 1-1/2"D See figure 4 below
Bolt Material	Stainless Steel
Bolt Diameter	5/8"
Bolt Throw	1091ADMR: 3/4" 1291ADMR: 5/8"
Mounting Tabs	Two aluminum mounting tabs are provided for easy lock installation. See figure 3B below
Dual Voltage Coil	0.45 Amp @ 24VDC Continuous Duty 0.9 Amp @ 12VDC Continuous Duty
Weight	2.0 lbs

Figure 3A, 3B, 3C, 3D: Typical Frame Header or Side Jamb Installation

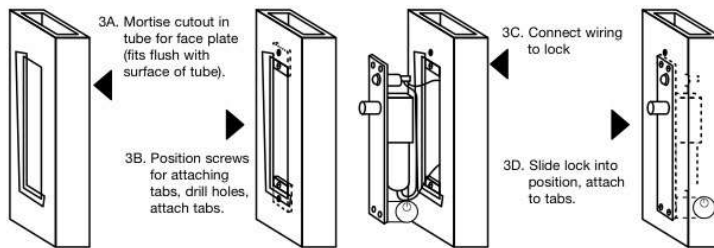
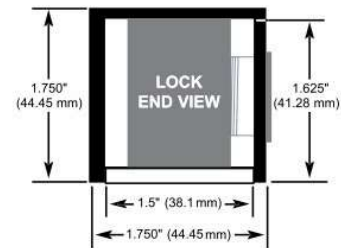


Figure 4



PRODUCT SKU SAMPLE: **1091ADMR V D B CYL-6KDQ**

HOW TO ORDER

1| SPECIFY MODEL

- 1091ADMR** Failsafe 12/24VDC
- 1291ADMR** Failsecure 12/24VDC

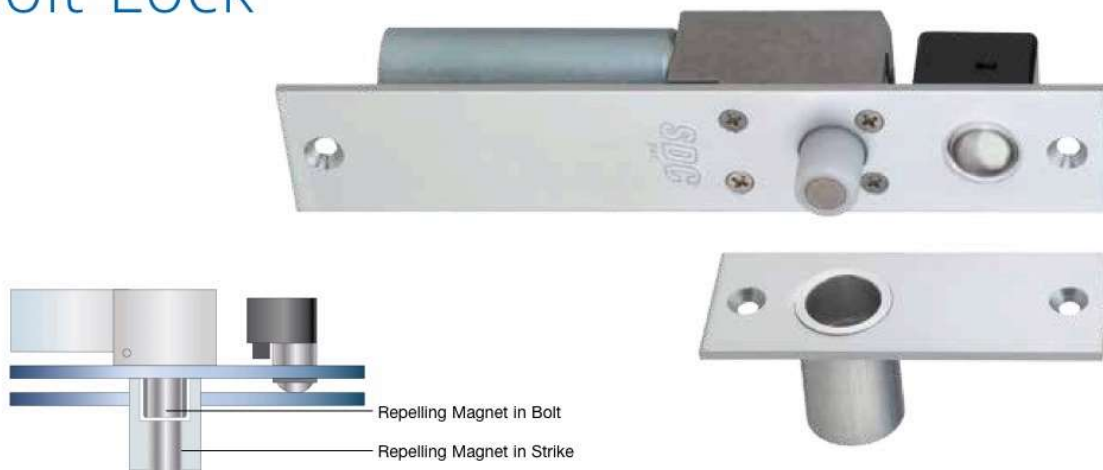
2| SPECIFY FINISH

- V** 628 Clear Anodized Aluminum (Standard)
- 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
- Q** 626 Dull Chrome
- U** 630 Satin Stainless Steel
- Y** 335 Black Anodized

3| SPECIFY OPTIONS

- B** Magnetic Bolt Status Switch
SPDT 0.25 Amp @ 30VDC
Indicates bolt locked and bolt unlocked.
- D** Mechanical Door Position Switch
SPDT 5 Amps @ 30VDC
Integral to the auto relock ball switch assembly. Indicates, door closed and door open. Recommended for minimum security applications only
- CYL-6KDQ** 6 pin, 1-1/8" Keyed different, 626 Dull Chrome
- CYL-6KAQ** 6 pin, 1-1/8" Keyed alike, 626 Dull Chrome

FS23M Dual Failsafe Spacesaver® Bolt Lock



The **FS23M** dual failsafe feature is available only from SDC. Conventional failsafe locking bolts rely solely on a spring to retract the bolt while the FS23M bolt will unlock with or without the assistance of the spring. This is the only electric bolt lock listed by the California State Fire Marshal for locking of perimeter entrance and emergency exit doors after-hours.

FEATURES

DUAL FAILSAFE

The SDC designed and patented **FS23M** is locked when energized. Recommended for safety applications, the door unlocks automatically when power is interrupted by the access control, power failure or a signal from the fire life safety system.

Large repelling magnets are located within the bolt and strike. When power is interrupted the bolt is retracted and held back by a spring. Should the spring fail, repelling magnets eject the bolt from the strike, unlocking the door.

While designed for perimeter applications the performance characteristics of the **FS23M** make it the first choice for all interior or exterior openings where the use of an electric bolt lock is applicable.

SPECIFICATION GRADE SOLENOIDS

All Spacesaver® lock solenoids are manufactured by SDC to precision specifications. SDC solenoids are capable for superior overall performance in both force and longevity, providing years of service compared to other manufacturers off-the-shelf or commercial grade designs.

BOLT DESIGN

The bolt is made of a lightweight and extremely resilient nylon material. While lack of weight enables the magnet to eject the bolt, an inherent feature is powerful and smooth operation. The longevity of this lock is unsurpassed compared to electromechanical locks with steel bolts with abrasive metal to metal interaction.

Additional bolt features include:

- 2500lbs Bolt Strength
- Hardened Magnet Core, Resistant to Metal Cutting Saws

MODELS

FS23MI	Dual Failsafe 12/24VDC
FS23MWDI	Dual Failsafe 12/24VDC, specifically for wood frames



Figure 3A, 3B, 3C, 3D: Typical Frame Header or Side Jamb Installation

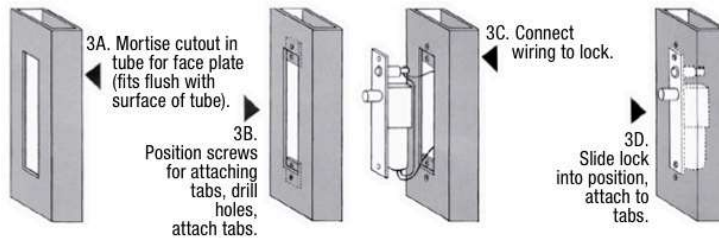
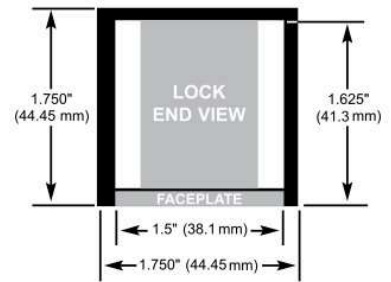


Figure 4: End View



SPECIFICATIONS

Face Plate	8"L x 1-1/2"W x 1/8"D - standard 8-1/2"L x 1-1/2"W x 1/8"D - wood
Strike	4"L x 1.5"W x 1-9/16"D
Frame Inner	8"L x 1-1/2"W x 1-5/8"D
Dimension Requirements	See figure 4
Bolt Material	Nylon with Center Magnet
Bolt Diameter	5/8"
Bolt Throw	5/8"
Mounting Tabs	Two Aluminum Mounting Tabs Are Provided for Easy Lock Installation See figure 3B
Dual Voltage Coil	0.45 Amp @ 24VDC Continuous Duty, 0.9 Amp @ 12VDC Continuous Duty
Weight	1.5 lbs



PRODUCT SKU SAMPLE: **FS23MI C D B**

HOW TO ORDER

1| SPECIFY MODEL

- FS23MI** Dual Failsafe 12/24VDC
- FS23MWDI** Dual Failsafe 12/24VDC, specifically for wood frames

2| SPECIFY FINISH

V 628 Clear Anodized Aluminum (Standard)

SPECIAL FINISHES:

- 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
- Q** 626 Dull Chrome
- U** 629 Satin Stainless Steel
- Y** 335 Black Anodized

3| SPECIFY OPTIONS

- B** Magnetic Bolt Status Switch
SPDT 0.25 Amp @ 30VDC
Indicates bolt locked and bolt unlocked.
- D** Mechanical Door Position Switch
SPDT 5 Amps @ 30VDC
Integral to the auto relock ball switch assembly.
Indicates, door closed and door open. Recommended for minimum security applications only

1190 / 2090 Spacesaver® Bolt Locks



The **Spacesaver®**, first designed and patented by SDC, is a fundamental innovation in electric locking technology for access control applications. The stainless steel bolt projects at right angles to the lock mechanism, allowing installation of Spacesaver® locks, by means of a simple cutout, in virtually any standard 1.75" frame, or in most door lock stiles. With the entire lock concealed, esthetic acceptability is complete, security is greater and installation in old or new construction is fast, easy and economical.



FEATURES

POWERFUL EXTRA HEAVY DUTY DESIGN

The **1190** and **2090** Spacesaver® bolt locks are the most powerful commercial grade units available on the market. They are designed to provide years of trouble free operation. There are only three moving parts within the hefty solid metal body of the **1190A** and five in the **2090A**.

POWERFUL EXTRA HEAVY DUTY SOLENOID

The solenoids are the strongest found in the industry for commercial or industrial grade applications. The power and strength of the solenoids far surpasses any competitive models. All Spacesaver® lock solenoids are manufactured by SDC to precision specifications. SDC solenoids are capable of superior overall performance in both force and longevity, providing years of service.

CODE COMPLIANCE

Classified in accordance with Uniform Building Code standard 7-2, "Fire Test for Door Assemblies"

SOLID STAINLESS STEEL BOLT

Greater security is provided by the 0.75" (19 mm) diameter solid stainless steel bolt. The bolt rotates freely, making attempts to tamper or cut extremely difficult.

FIELD ADJUSTABLE AUTO-RELOCK SWITCH

The automatic relock switch keeps the bolt retracted while the door is open. The door depresses the ball switch assembly on closure, causing the bolt to project automatically, locking the door. In addition, the ball switch assembly is bidirectional, permitting the locks to be used on swinging and sliding doors.



Fig. 1

Fig. 2

The auto relock assembly is field adjustable to compensate for wide door gap. See Figure 1 & 2



MODELS



1190AU

1190AWD

2090AU

2090AWD

Failsafe, 24VDC only
Failsafe, 24VDC only, specifically for wood frames
Failsecure, 24VDC only
Failsecure, 24VDC only, specifically for wood frames



LOCK FUNCTION
1190A FAILSAFE

The 1190A is locked when energized. Recommended for safety applications, it is intended that the door unlock automatically when power is interrupted by the access control, power failure or signal from a fire life safety system.

- Bolt Throw 0.75"

2090A FAILSECURE

The 2090A is locked when de-energized and unlocked when energized. Recommended for security applications only, it is intended that the door automatically locks when power is interrupted by the access control or power failure.

- Bolt Throw 0.75"
- Auxiliary Locks
- Complies with "Positive Pressure" Requirements of Standard UL10C
- Listed US & Canada
- Bolt Throw 0.75"



Figure 3A, 3B, 3C, 3D: Typical Frame Header or Side Jamb Installation

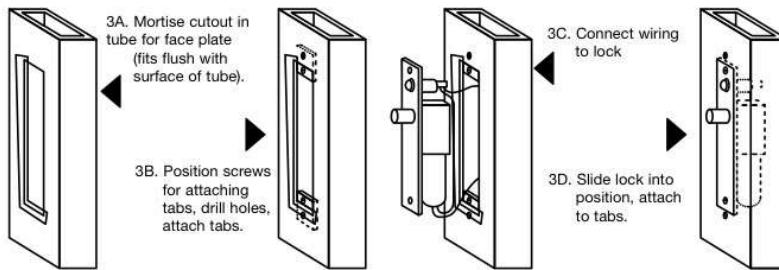
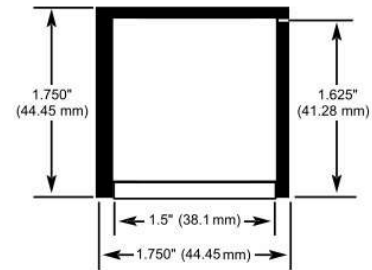


Figure 4



SPECIFICATIONS

Face Plate	8"H x 1-1/2"W x 1/8"D - standard 11"H x 1-3/4"W x 1/8"D - wood
Strike	4"H x 1-1/2"W x 1/8"D
Frame Inner Dimension	1190A: 8"H x 1-1/2"W x 1-1/2"D (See figure 4)
Requirements	2090A: 10"H x 1-1/2"W x 1-1/2"D
Bolt Material	Solid Stainless Steel
Bolt Diameter	3/4"
Bolt Throw	3/4"
Mounting Tabs	Two aluminum mounting tabs are provided for easy lock installation. See figure 3B 1190A: 0.7 Amp @ 24VDC 2090A: Inrush 2.5 Amp, Continuous 0.5 Amp @ 24VDC
Weight	1.45 lbs

PRODUCT SKU SAMPLE: **1190AU D**

HOW TO ORDER

1 | SPECIFY MODEL

1190AU Failsafe, 24VDC only
1190AWD Failsafe, 24VDC only, specifically for wood frames
2090AU Failsecure, 24VDC only
2090AWD Failsecure, 24VDC only, specifically for wood frames

2 | SPECIFY OPTION

B Bolt Position Sensor, SPDT
D Door Position Sensor, SPDT

1490 / 2490 Spacesaver® Bolt Locks



The **Spacesaver® Extra Narrow** is fully concealed and easily installed in 1.5" (38.1mm) frame or door stile. First designed and patented by SDC, the **Spacesaver®** is a fundamental innovation in electric locking technology for access control applications.

The stainless steel bolt projects at right angles to the lock mechanism, allowing installation of **Spacesaver®** locks, by means of a simple cutout, in virtually any standard 1.5" frame, or in most door lock stiles. With the entire lock concealed, esthetic acceptability is complete, security is greater and installation in old or new construction is fast, easy and economical.

FEATURES

SOLID STAINLESS STEEL BOLT

Greater security is provided by the .625" diameter stainless steel bolt. The bolt rotates freely, making attempts to tamper or cut extremely difficult.

SPECIFICATION GRADE SOLENOIDS

All **Spacesaver®** lock solenoids are manufactured by SDC to precision specifications. SDC solenoids are capable of superior overall performance in both force and longevity, providing years of service.

FIELD ADJUSTABLE AUTO-RELOCK SWITCH

The automatic relock switch keeps the bolt retracted while the door is open. The door depresses the ball switch assembly on closure, causing the bolt to project automatically locking the door. In addition, the ball switch assembly is bi-directional, permitting the locks to be used on swinging and sliding doors.



Fig. 1

Fig. 2

The auto relock assembly is field adjustable to compensate for wide door gap. See Figure 1 & 2

MODELS

- | | |
|---------------|-------------------------|
| 1490AI | Fail-safe, 24VDC only |
| 2490AH | Fail-secure, 24VDC only |

LOCK FUNCTION

1490A FAILSAFE

The **1490A** is locked when energized. Recommended for safety applications, it is intended that the door unlock automatically when power is interrupted by the access control, power failure or signal from a fire life safety system.

- Bolt Throw 1/2" (12.7mm)

2490A FAILSECURE

The **2490A** is locked when de-energized and unlocked when energized. Recommended for security applications only, it is intended that the door automatically locks when power is interrupted by the access control or power failure.

- Bolt Throw 1/2" (12.7 mm)



Figure 3A, 3B, 3C, 3D: Typical Frame Header or Side Jamb Installation

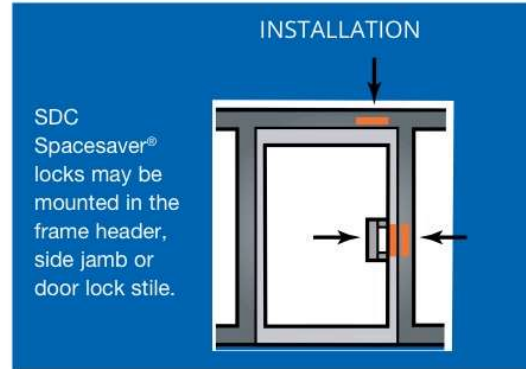
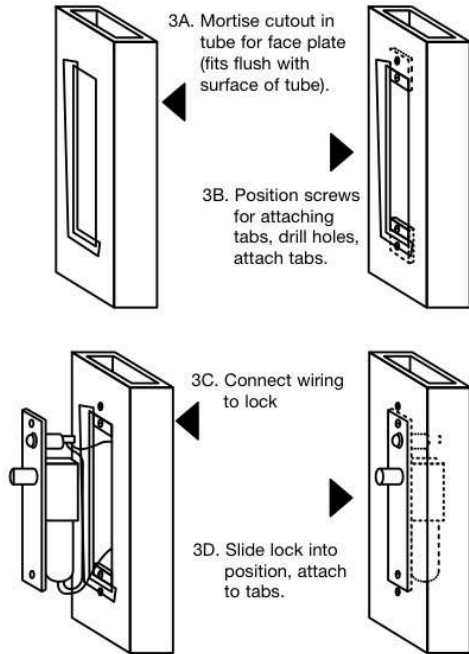
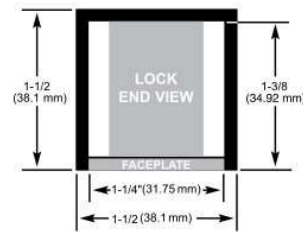


Figure 4



PRODUCT SKU SAMPLE: **1490AI C D B**



HOW TO ORDER

1| SPECIFY MODEL

- 1490AI** Failsafe, 24VDC
- 2490AH** Failsecure, 24VDC

2| SPECIFY FINISH

- V** 628 Clear Anodized Aluminum (Standard)

SPECIAL FINISHES:

- 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
- Q** 626 Dull Chrome
- U** 630 Satin Stainless Steel
- Y** 335 Black Anodized

3| SPECIFY OPTIONS

- B** Bolt Position Sensor, SPDT
- D** Door Position Sensor, SPDT



SPECIFICATIONS

Face Plate	8"L x 1-1/4"W x 1/8"D
Strike	4"L x 1-1/2"W x 1/8"D
Frame Inner Dimension Requirements	8"L x 1-1/4"W x 1-3/8"D See figure4
Bolt Material	Stainless Steel
Bolt Diameter	5/8"
Bolt Throw	1/2"
Mounting Tabs	Two aluminum mounting tabs are provided for easy lock installation. See figure 3B
	1490 Failsafe 0.45 Amp @ 24VDC Continuous Duty 0.9 Amp @ 12VDC Continuous Duty
	2490 Failsecure 0.45 Amp @ 24VDC Continuous Duty 0.9 Amp @ 12VDC Continuous Duty
Weight	1.4 lbs

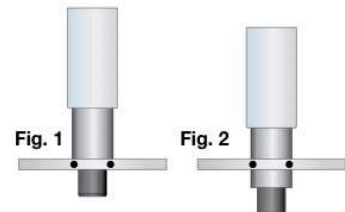
100 / 200 Conventional Mortise Bolt Lock



110/210 Series

The failsafe 110 and failsecure 210 are the most basic bolt locks available. The bolt assembly is adjustable forward up to 1" past the face plate to accommodate wide door gaps or special applications (See figures 1 & 2).

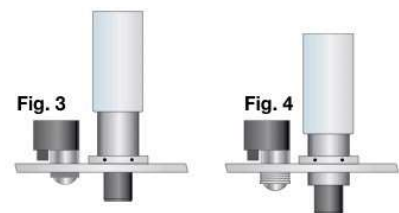
Not for use in wood frames.



160/260 Series

The failsafe 160 and failsecure 260 bolt locks are equipped with an auto relock switch that keeps the bolt retracted when the door is open and causes the door to lock when closed. The auto relock switch and the bolt assembly are both adjustable for wide door gaps. (See Fig. 3 & 4).

Not for use in wood frames.



MODELS

- 110IV** Failsafe
2-3/4" H x 1-1/4" W faceplate less auto relock switch
- 210HV** Failsecure
2-3/4" H x 1-1/4" W faceplate less auto relock switch

- 160IV** Failsafe
4-7/8" H x 1-1/4" W faceplate with auto relock switch
- 260HV** Failsecure
4-7/8" H x 1-1/4" W faceplate with auto relock switch

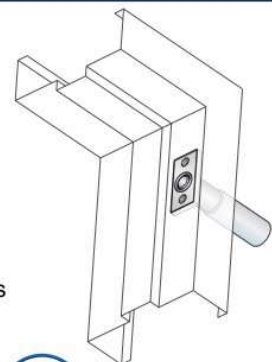
OPTION MC-4 Door Contact Switch (mounted separate from lock)

SPECIFICATIONS

Electrical Specifications	
Voltage	Dual 900/450 mA @ 12/24 VDC
Mechanical Specifications	
Finish	628 Anodized Aluminum
Faceplate	110IV, 210HV: 2-3/4" H x 1-1/4" W x 0.25" D 160IV, 260HV: 4-7/8" H x 1-1/4" W x 0.25" D
Strike	Mortise strike standard. Not for wood frames.
Bolt	1/2" dia. x 1/2" throw
Depth	5"
Weight	1.7 lbs

APPLICATION

- Pharmacy Cabinets
- Gun Cabinets
- Utility Cabinets
- Display Cabinets
- OEM Applications
- Swing and Sliding Doors



Electric Bolt Locks

180 / 280 Series Surface Mount Bolt Locks

UNIVERSAL MOUNTING CAPABILITY PROVIDES CONTROLLED ACCESS OF DOORS, CLOSETS AND CABINETS.

The SDC universal surface mount electric bolt locks are available in failsafe and failsecure, non-handed. The addition of a card reader, digital keypad or remote control provides access control and convenience of use for a variety of applications.



APPLICATION

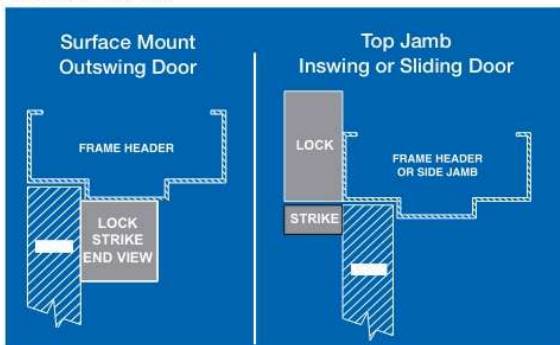
The SDC 180 and 280 series locks provide the ability to electronically secure several door configurations.

- Swinging or sliding doors
- Outswing or inswing doors
- Closet doors
- Pharmaceutical cabinets
- Gun cabinets
- Utility cabinets
- Museum display cases
- Retail display cases

SPECIFICATIONS

Bolt	Solid Stainless Steel, 1/2" dia. x 1/2" throw
Dual Voltage Coil	0.9 Amp @ 12VDC Continuous 0.45 Amp @ 24VDC Continuous
Lock Dimensions	6"L x 2"W x 2"H
Auto Relock	standard
Power Regulator	standard
Weight	2.5 lbs

INSTALLATION



PRODUCT SKU SAMPLE: **180AI V MC-4**

HOW TO ORDER

1| SPECIFY MODEL

180AI Surface mount, failsafe, auto relock, power regulator standard

280AI Surface mount, or top jamb mount, failsecure, auto relock, power regulator standard

2| SPECIFY FINISH

V 628 Aluminum (standard)

Y 335 Black

3| SPECIFY OPTIONS

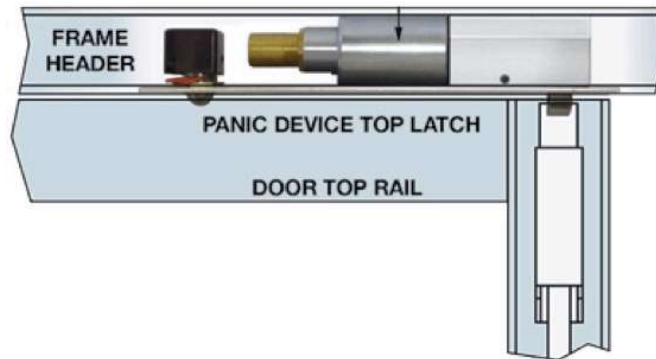
D Door Contact Switch MP-4 (mounted separate from lock)



Electric Bolt Locks

PD2090A PanicLok™

Panic Device Bolt Lock



Top Latch Release for Dor-O-Matic and Kawneer Vertical Rod Exit Devices. The PBD2090A PanicLok™ permits access control and remote timer control of narrow stile glass doors equipped with Dor-O-Matic or Kawneer concealed vertical rod exit devices.

While the PanicLok™ is used to control entry from the outside only, the exit device is always operable from the inside for uninhibited egress.

FEATURES

FAILSECURE

When the PanicLok™ is energized the door is unlocked for free access and egress. When the PanicLok™ is de-energized, the is door locked on the exterior only. A power supply with battery backup capability is required for electrical unlocking during a power failure.

POWERFUL EXTRA HEAVY DUTY DESIGN

The PanicLok™ is designed with just a few moving parts. The solenoid is manufactured by SDC to precision specifications and provides superior performance for years of service.

AUTO RELOCK SWITCH

A ball type auto relock ball switch assembly is standard to keep the lock bolt retracted when the door is open. When depressed on door closure the ball switch causes the bolt to project, locking the door automatically. The auto relock assembly is also adjustable to compensate for wide door gaps.

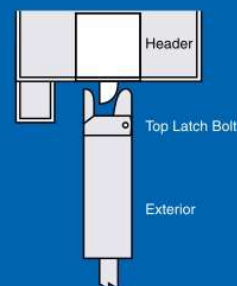
SPECIFICATIONS

Face Plate	10"H x 1-1/2"W x 1/8"D
Frame I.D. Requirements	1.5"H x 1.5"W
Bolt	Beveled Stainless Steel
Voltage	24VDC Only (Suffix C)
Current	2.5 Amp Inrush, 400 mA Continuous
Weight	2.0 lbs

MODELS

-  PD2090ALCU LH/RHR Failsecure
-  PD2090ARCU RH/LHR Failsecure

INSTALLATION



The PanicLok™ is adaptable to single or pairs of center hung doors and offset doors with a minimum of 0.125" reveal.



Electric Bolt Locks

GL160/GL260 GateLok™

Outdoor Lock for Swinging or Sliding Gates

The SDC GL160 and 260 Series GateLok™ are designed to provide access control and remote locking and unlocking capability for manual or automatic chain link, tubular steel and wrought iron sliding or swinging Tubular Steel and Wrought Iron Gates. Higher Security than Electromagnetic Locks.

FEATURES

- Higher Security Than Electromagnetic Locks
- Solid Stainless Steel 0.625" Diameter Locking Bolt
- Continuous Duty Operation
- Low Current Draw
- Auto Relock Switch
- Heavy Gauge 0.125"
- Weather Sealed Steel Housing
- Access Control Compatible
- Designed for 3" Fence Post and 2" Gate Post and are Adaptable for Smaller Sizes

LOCK OPERATION

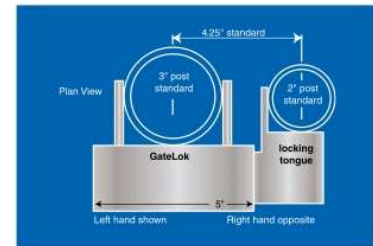
The GL160A/GL260A* GateLoks™ may be unlocked by an access control and remote control.

The GL163A/GL263A* GateLok™ may be unlocked by an access control, remote control and built-in keyswitch.

The GL260MRA GateLok™ may be unlocked by an access control, remote control and built-in mechanical key. The mechanical key is for momentary override and does not maintain a sustained unlocked mode. Mechanical key retracts the bolt even without DC power.

Standard with all GateLoks™ the adjustable Auto Relock Switch keeps the bolt retracted until the gate is in the closed position.

*Note: GL260A and GL263A cannot be unlocked without DC power.



SPECIFICATIONS

Size	5"W x 6-1/2"H x 2"D
Material	1/8" Steel
Bolt	5/8" Dia. x 5/8" Throw
Key Cylinder	ANSI 1-1/8" or 1-1/4" Standard or Interchangeable Core Mortise Key Cylinder. Provided by Others.
Failsafe	12/24 VDC 900/450mA
Failsecure	12/24 VDC 900/450mA
Finish	Black
Weight	9.0 lbs

PRODUCT SKU SAMPLE: **GL160AI D B**

HOW TO ORDER

1| SPECIFY MODEL

GL160AI	Failsafe, 12/24VDC
GL163AI	Failsafe, Built-In Keyswitch 12/24VDC
GL260AH	Failsecure 12/24VDC
GL263AH	Failsecure, Built-In Keyswitch, 12/24VDC
GL260MRAH	Failsecure, Mechanical Key Release, 12/24VDC

Mortise Key Cylinder Provided by Others.

2| SPECIFY OPTIONS

D	Gate Position Sensor SPDT, 10Amp @ 30VDC
B	Bolt Lock Position Sensor, 10Amp @ 30VDC
CYL-KDQ	6 pin, 1.125" mortise cylinder, keyed different, dull chrome





290 Micro Cabinet Lock



The 290 Micro Cabinet Lock is designed to electronically secure cabinets and drawers. The need for keys is eliminated and the addition of a keypad or remote control of your choice provides true access control and convenience of use.

FEATURES

- For Swinging or Sliding Doors
- Failsecure Continuous Duty
- Field Reversible Solenoid for Failsafe Operation
- Dual 12/24VDC
- Nonhanded
- 600lbs of Holding Force

APPLICATION

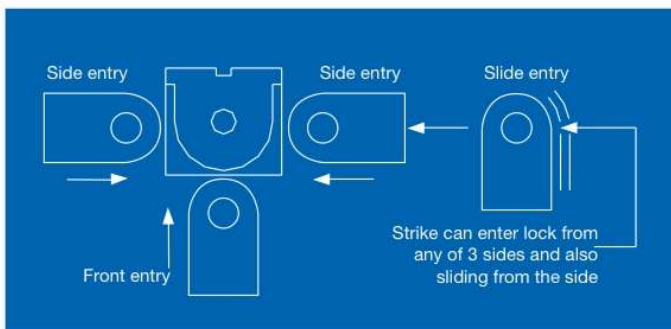
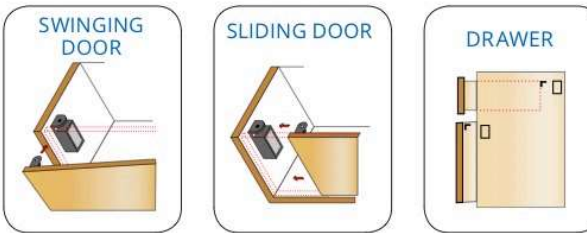
- Pharmaceutical Cabinets and Drawers
- Retail Display Cases and Drawers
- Gun Cabinets
- File Cabinets
- Utility Cabinets and Drawers
- Museum Display Cases

SPECIFICATIONS

Dual Voltage	250/130mA @ 12/24VDC
Dimensions	3-1/4"L x 1-1/8"W x 1-1/8"D"
Weight	0.4 lbs

MODELS

- 290** Micro Cabinet Lock
- 290LS** Micro Cabinet Lock with Lock Status Switch





295 Programmable Cabinet Lock

The SDC 295 Battery Powered Keyless Cabinet Lock provides an easy, economical solution for security and keyless access control for a wide variety of cabinet doors, drawers, storage lockers and more. Quickly and easily add/delete up to 30 individual user PIN codes with programmable keypad. Powered by 2 x AAA batteries, the need for low voltage wiring is eliminated.



FEATURES

- For New Installations or Retrofit of Existing Manual Cam Lock Prep
- Vertical or Horizontal Keypad Mounting
- Multiple Locking Cam Positions, Left/Right, Bottom
- Programmable Multiple User Mode or 1-Time Use Mode
- 1 Master Code: Full Programming and Control Capabilities.
- 1 Sub-Master: Limited Programming for User Codes, Maintained Unlock, Unlock Time Only
- 30 User, 4-6 Digit PIN Codes, Must be Same Length as Master Code. Field Optional User Changeable PIN
- Unlock Time Programmable From 1 to 9 sec. Factory Default 3 Sec.
- Red/Blue Bi-Color LED
- Keypad Tamper Lockout: Inoperable for 10 Seconds After 3 Incorrect Code Entries
- 2 x AAA Batteries (Included), Up to 15,000 Operations
- Concealed Manual Key Cylinder (Replaceable), 2 Keys
- Battery Failure Override, Apply 9V Battery to External Contacts, Enter Master Code

MODELS

295 Programmable Cabinet Lock

SPECIFICATIONS

Supplied Locking Cams	(A) 1-1/2" From Spindle Centerline (B) 1" From Spindle Centerline
Door Thickness	Up to 3/4"
Cam Mounting	5/16" Square Spindle
Hole Required for Spindle	15/16" Diameter
Battery Powered	2x AAA Batteries
Dimensions	4.75"H x 1.4"W x 0.8"D - 1.4"D w/Dial
Weight	0.4 lbs

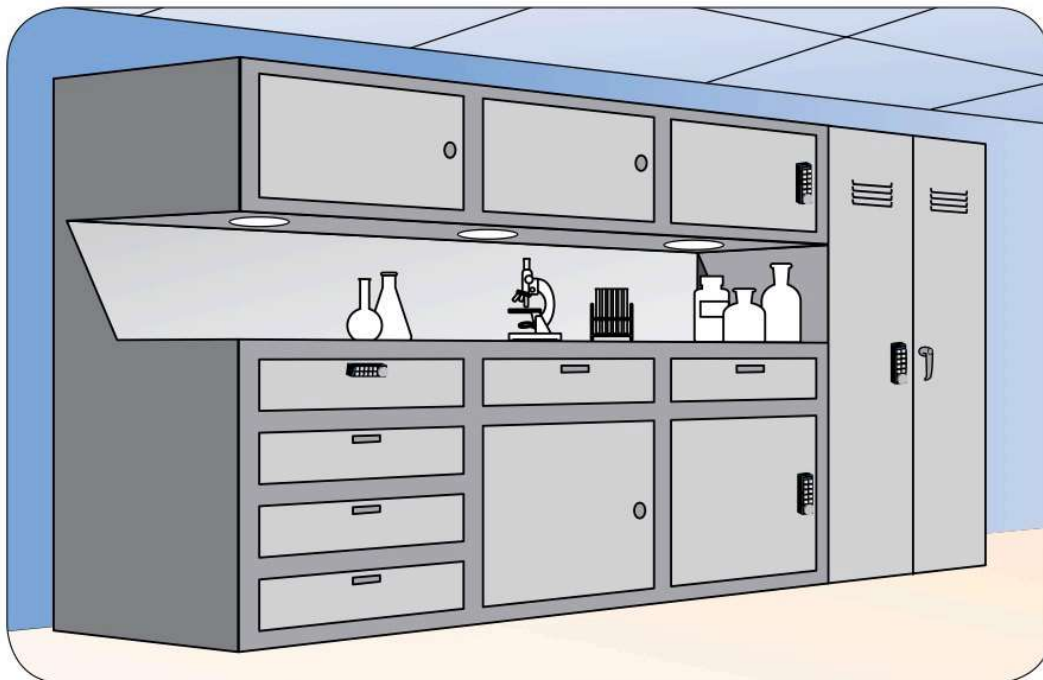


APPLICATION

- Retail and Museum: Display Cases, Cabinets
- Laboratory, Healthcare, Pharmaceutical: Files, Cabinets, Lockers and Carts
- Businesses and Schools: Office, kitchen and Bathroom Cabinets, File Cabinets, Desk Drawers, Lockers and Carts
- Industrial/Manufacturing: Metal and Wood Cabinetry for Tools, Supplies, Inventory, Hazardous Material Storage
- Residential: Cabinetry, Closets, Desks and Files
- Law Enforcement: Firearm, Evidence Lockers, Cabinets, Desk Drawers
- Rack / Cabinets: Servers, LAN, HVAC, Communications
- Electrical/Equipment Enclosures: Hinged Electrical Cabinets, NEMA, Floor and Wall Mount
- Security Equipment: Key Control Cabinets, Alarm and Power Supply Cabinets
- Console Cabinets: Security/CCTV, Guard Console Station/Cabinet

PROGRAMMING FUNCTIONS OVERVIEW

- Change Master Code/Code Length:
Performs all program functions
- Select Operation Mode
- Delete ALL User Codes
- Reset to Factory Settings
- Add/Change/Delete Sub-Master Code:
Performs following programs only
- Set Unlock Time
- Add / Change User Code
- Suspend / Restore User Code
- Suspend / Restore ALL User Codes
- Enable/Disable Maintained Unlock Mode



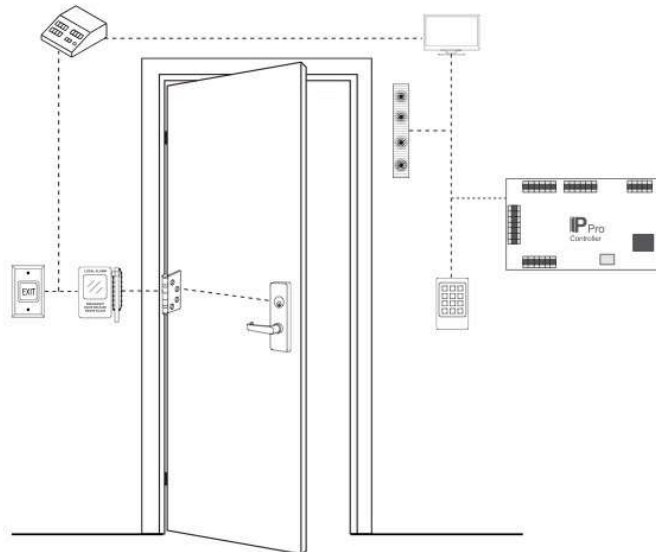


2 Access Controls



Digital & Card Access Control Systems

It's one thing to design and manufacture Locking Devices for door access and egress control, it's another thing to tie them all together with Physical Access Control components and systems to both protect people and assets while ensuring code compliance. SDC's digital and card access control systems are engineered to provide real-world door control of a single opening up to 100 doors, from indoor and stand-alone applications, to outdoor and PC-based systems. All while ensuring fire and life safety code compliance along with superior expandability and flexibility in authorization identification, authentication, access approval, and accountability of entities through login credentials - including passwords and personal identification numbers (PINs).





IP-based Access Control

The IP Pro® is a Single Door IP Controller with Expandability, Supporting up to 15,000 Users



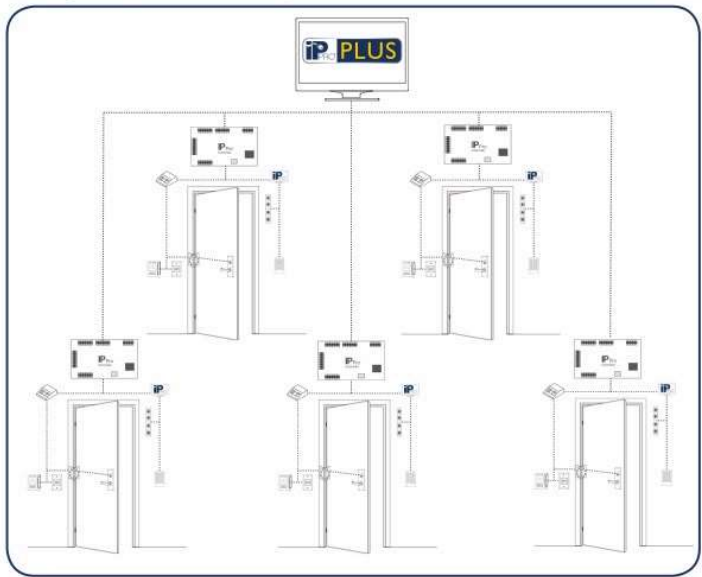
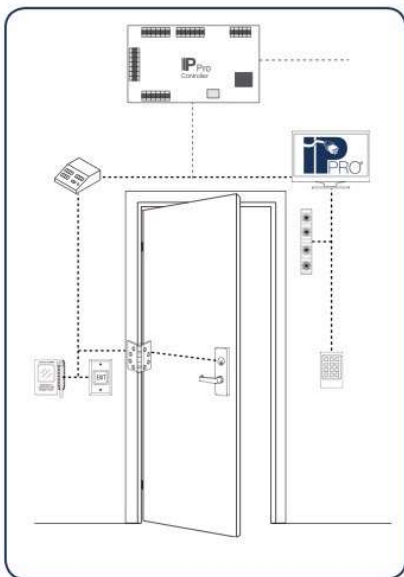
FEATURES

- Controls one door directly, with unlimited expansion capabilities
- TCP/IP communications (100/10Mbps)
- DHCP or Static IP addresses
- Password protected built-in web server or FREE downloadable 'Grid' software
- Live transaction monitoring
- Entry & exit reader capability
- Supports industry standard proximity, smart card, and multi-technology readers (Wiegand output)
- Reader short circuit protection
- Compliant with PoE+ standard
- 15,000 users (up to 2 credentials per user)
- Batch card enrollment
- 250 User groups/Time Zones/Door Groups
- Holiday support
- Scheduled Events
- Temporary Users
- Audit Trail – Up to 5,000 events from on-board storage, unlimited events vs PLUS software (limited only by your allocated server space)
- Status LED's – Power, Communications, & Fault on-board diagnostic indicators
- Anti-tailgating
- Anti-passback (global or localized)
- Supported browsers: Microsoft Internet Explorer, Firefox, Google Chrome
- Multiple credential modes: Card only, PIN only, Pin or Card, Pin & Card
- Door Status Monitoring Input
- Request-to-Exit (REX) Input
- Programmable Auxiliary Input
- Lock Relay Output
- Auxiliary Relay Output
- (2) Programmable Solid-state Outputs
- Tamper Input
- Database backup support



MODELS	
 IPDC	IP Pro Controller Board Only
 IPDCE	IP Pro Controller Board Plus Enclosure
IPDS	IP Pro Door Station Expansion Board Only
 IPDSE	IP Pro Door Station Expansion Board Plus Enclosure
 IPPRO-SKE	IP Pro Starter Kit, Including Controller Board, Splitter, Injector, Plus Controller Enclosure
IPPRO-SK	IP Pro Starter Kit, Including Controller Board, Splitter, Injector
 IPI-30	IP Pro Injector 30W PoE+
 IPS-12	IP Pro Splitter 12VDC PoE+
 IPRW	IP Pro Wiegand Reader - PROX, HID Compatible (125 kHz)

SPECIFICATIONS	
IP Pro Controller/ Door Station Expansion	
Voltage	12 VDC Input
Current Consumption (max)	250mA - Controller 120mA - Door Station Expansion
Operating Temperature	14°F – 122°F (Indoor Use Only)
Dimensions	5.375" x 3.5" x 0.875" Board Only 9.25" x 6.5" x 2.1875" w/ ABS Plastic Enclosure
Weight	1lb
Relay Output Type	Form C (SPDT) x 2
Relay Contact Rating	Main (Lock) – 5A @ 30VDC Auxiliary – 1A @30VDC
Connections	Digital Inputs: 4 Dry Contact Inputs Ethernet: RJ45 (Controller Only) RS-485 Terminal Bus Reader Power – 12VDC Reader Data – Wiegand (26bit to 37bit) Reader LED Control – Red & Green Two Solid State Outputs (100mA Max)
Weight	1.4 lbs
IP Pro Splitter	
Input voltage	44 - 57 VDC
Input power	30W Max
Output power	24W Max
Output Current	2A @ 12V
IP Pro Injector	
PoE+ Output Pin Assignment & Polarity	4/5 (+), 7/8 (-)
Output Power Voltage	55VDC
User Port Power	30 Watts (Guaranteed)



Install - Expand - Control



- Embedded software
- Browser Accessible
- 1 to 32 doors



- FREE Access Control Software
- PC Accessible
- 1 to 100 doors

EMBEDDED
software managed
via web browser



or Download **FREE**
SOFTWARE
for full Grid Access





Our new PLUS PC-Client software is available as a free download to provide door access control for up to 100 doors from a single PC. PLUS is a role-based access control software suite with different interface modules, depending on user type.

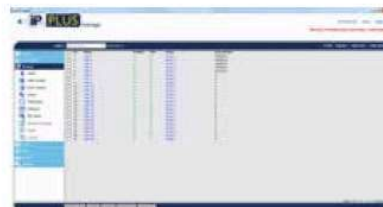


PLUS Hardware is used by the installer to set up controllers, doors and user profiles



- Enable & edit IPPro controllers
- Enable & edit door settings
- Create event filters
- Enable e-mail notifications

PLUS Manage is used by system administrators to facilitate database changes required on a day-to-day basis, and offers various reporting tools



- Create, view, & edit users
- Add access & holiday schedules
- Generate user & event reports

PLUS Server is used by system administrators to perform specialized tasks, such as database backups, firmware updates, importing/exporting users



- Perform manual or schedule automatic backups
- Import/Export Users
- Perform IPPro firmware updates

Live System events can be monitored from either module!

APPLICATION

Access Controls

IP Pro™ Access Control Solution

Single Door Electrified Lock Application

- Access Control**
IP Controller
IPDCE
- Power Supply**
12 and 24VDC Output
OPTIONAL BATTERY BACKUP
RB20A-2
602RFX12VR
- Wiegand Reader Options** (Choose one)
Prox Reader or Keypad-Prox Combo
IPRW, 920PW, 923PW
OPTIONAL CREDENTIALS
Fobs - HD138-15
Cards - HD138-25
- Electrified Lock**
Cylindrical or Mortise
Z735EQ, Z765EQ
- Power Transfer Hinge**
4 Wts., 4" x 4"
PTH-4Q

SYSTEM OPERATION

Door is normally closed and secured by an electrified lockset.

Emergency Override: The door may be accessed by key override.

Authorized Access: Presenting a valid card or entering a valid user code on the reader will momentarily unlock the door for access. The unlock time will be configured by the access control programming. The door may also be programmed for maintained access.

Low Voltage: System is powered by a regulated & filtered power supply with 12VDC output for access control equipment and 24VDC output for locking hardware to maximize efficiency. Loss of power will result in unsecured door, unless equipped with optional battery back-up.

IP-based Access Control: User-friendly programming interface via a built-in web server, accessible from any networked PC.

Authorized Egress: Free egress is available at all times by turning the inside lever, retracting the latchbolt, and opening the door.

SDC (800) 413-8783 • www.SDCsecurity.com

IP Pro™ Access Control Solution

Single Door Electric Strike Application

- Access Control**
IP Controller
IPDCE
- Power Supply**
12 and 24VDC Output
OPTIONAL BATTERY BACKUP
RB20A-2
602RFX12VR
- Wiegand Reader Options** (Choose one)
Prox Reader or Keypad-Prox Combo
IPRW, 920PW, 923PW
OPTIONAL CREDENTIALS
Fobs - HD138-15
Cards - HD138-25
- Electric Strike**
Centerline Latch Entry or No Center Line Relocator*
45-A, 25-4U, 55-ABCU

SYSTEM OPERATION

Door is normally closed and secured by an electrified lockset.

Emergency Override: The door may be accessed by key override.

Authorized Access: Presenting a valid card or entering a valid user code on the reader will momentarily unlock the door for access. The unlock time will be configured by the access control programming. The door may also be programmed for maintained access.

Low Voltage: System is powered by a regulated & filtered power supply with 12VDC output for access control equipment and 24VDC output for locking hardware to maximize efficiency. Loss of power will result in unsecured door, unless equipped with optional battery back-up.

IP-based Access Control: User-friendly programming interface via a built-in web server, accessible from any networked PC.

Authorized Egress: Free egress is available at all times by turning the inside lever, retracting the latchbolt, and opening the door.

SDC (800) 413-8783 • www.SDCsecurity.com

IP Pro™ Access Control Solution

Single Door Electric Latch Retraction Application

- Access Control**
IP Controller
IPDCE
- Power Supply**
12 and 24VDC Output
OPTIONAL BATTERY BACKUP
RB20A-2
602RFX12VR
- Wiegand Reader Options** (Choose one)
Prox Reader or Keypad-Prox Combo
IPRW, 920PW, 923PW
OPTIONAL CREDENTIALS
Fobs - HD138-15
Cards - HD138-25
- Exit Device Electric Latch Retraction**
Complete Device or Field Retrofit Kit (Choose one)
S6100E, LR100 Kit
- Power Transfer Device**
Five Transfer Hinge or Loop (Choose one)
PTH-4Q, PT-3V, PT-5"

SYSTEM OPERATION

Door is normally closed and secured by an exit panic device.

Authorized Access: Presenting a valid card or entering a valid user code on the keypad will momentarily retract the latch on the exit device, permitting access. The unlock time will be configured by the access control programming. The door may also be programmed for maintained access (keep-open).

Low Voltage: System is powered by a regulated & filtered power supply with 12VDC output for access control equipment and 24VDC output for locking hardware to maximize efficiency.

IP-based Access Control: User-friendly programming interface via a built-in web server, accessible from any networked PC.

Manual Override: Key override is available from the unsecured side via optional active trim.

Authorized Egress: Free egress is available at all times by pressing the exit device, retracting the latch, and opening the door.

Authorized Access: Presenting a valid card or entering a valid user code on the keypad will momentarily unlock the door for access. The unlock time will be configured by the access control programming. The door may also be programmed for maintained access.

Low Voltage: System is powered by a regulated & filtered power supply with 12VDC output for access control equipment and 24VDC output for locking hardware to maximize efficiency. Loss of power will result in unsecured door, unless equipped with optional battery back-up.

IP-based Access Control: User-friendly programming interface via a built-in web server, accessible from any networked PC.

Manual Release Override: Pressing the code-complete "Push to Exit" button will engage the keypad and motion sensor, unsecuring the door for a fixed 30 seconds.

Request-To-Exit (REX): Motion sensor will unlock the magnetic lock opening the door to be re-secured. The unlock time will be configured by the access control programming.

Fire & Life Safety: A signal from the Fire Alarm Panel will immediately unlock the magnetic lock.

SDC (800) 413-8783 • www.SDCsecurity.com

IP Pro™ Access Control Solution

Single Door Magnetic Lock Application

- Access Control**
IP Controller
IPDCE
- Power Supply**
12 and 24VDC Output
OPTIONAL BATTERY BACKUP
RB20A-2
602RFX12VR
- Wiegand Reader Options** (Choose one)
Prox Reader or Keypad-Prox Combo
IPRW, 920PW, 923PW
OPTIONAL CREDENTIALS
Fobs - HD138-15
Cards - HD138-25
- Electro-Magnetic Lock**
120lbs Holding Force
15T1V, 350V, E6200
OPTIONAL Release Brakes Available
- Request-To-Exit**
Push Button & Motion Release
422MU*, M2100W*, 422U
* Integrated timer

SYSTEM OPERATION

Door is normally closed and secured by an electro-magnetic lock.

Authorized Access: Presenting a valid card or entering a valid user code on the keypad will momentarily unlock the door for access. The unlock time will be configured by the access control programming. The door may also be programmed for maintained access.

Low Voltage: System is powered by a regulated & filtered power supply with 12VDC output for access control equipment and 24VDC output for locking hardware to maximize efficiency. Loss of power will result in unsecured door, unless equipped with optional battery back-up.

IP-based Access Control: User-friendly programming interface via a built-in web server, accessible from any networked PC.

Manual Release Override: Pressing the code-complete "Push to Exit" button will engage the keypad and motion sensor, unsecuring the door for a fixed 30 seconds.

Request-To-Exit (REX): Motion sensor will unlock the magnetic lock opening the door to be re-secured. The unlock time will be configured by the access control programming.

Fire & Life Safety: A signal from the Fire Alarm Panel will immediately unlock the magnetic lock.

SDC (800) 413-8783 • www.SDCsecurity.com

Download IP Pro Access Control Solution System Designs on our website at sdsecurity.com/IPPro.htm

IP Pro® IPRW Wiegand Reader



The SDC IPRW is the perfect companion for our IP Pro® Controller. It provides 26-bit Wiegand output while being HID proximity compatible. Use as Entry or Exit Reader with the IP Pro® System

SPECIFICATIONS

Operating Voltage	5-12 VDC
Current Consumption	40mA
Housing	Indoor/Outdoor (IP67) w/potted electronics
Temperature	-4°F to + 122°F
Dimensions	4.75"H x 1.5"W x .625"D
Output	26-bit Wiegand
HID-compatible	125Khz RFID
Max. Cable Distance to Host	328ft @ 12VDC, 100ft @ 5VDC
Weight	.6 lbs

MODELS

IPRW IP Pro® Wiegand Reader - PROX, HID compatible

ACCESSORIES

PROX CARDS AND KEY FOBs

- HID1326-25** HID ProxCard® II, 25 Cards
- HID1326-100** HID ProxCard® II, 100 Cards
- HID1346-10** HID ProxKey® II, 10 Key Fobs
- HID1346-100** HID ProxKey® II, 100 Key Fobs





EntryCheck™ 918

Digital Keypad



The SDC EntryCheck™ 918 Series are indoor stand alone digital keypads designed to control access of a single entry point for facilities with up to 500 users. Each user is assigned a personal identification number (PIN). Keypad entry of a valid one to six digit code activates one or both of the output relays which releases an electric door lock.

The SDC EntryCheck™ 918W is designed to interface with most access control systems and provides a standard 26-bit Wiegand output.

FEATURES

- 12-Key Illuminated, Moisture-Resistant 3 x4 Keypad
- Tamper-Resistant Screws
- Single-Gang Mount
- Programmable Site Code (918W)
- Dual LED Status Indicators
- Adjustable Audible Annunciation
- Configurable Illumination: On, Off, Timed
- 4 Outputs, 2 Relay and 2 Solid State
- Outputs Timed or Latching (On/Off)
- Assign Entry PIN's to Relays 1 and/or 2
- LED Status: Access, lockout
- Tactile Keys with Selectable Audible Levels for Key Depression or Output Activation
- Timed Anti-Passback, Anti-Tailgate
- Keypad Tamper Lockout
- Request-to-Exit/Enter Input
- Thick Stainless Steel Faceplate 3/32"

MODELS

- **918** Standalone Digital Indoor Keypad
- **918W** Indoor Keypad with Wiegand Output Single Gang

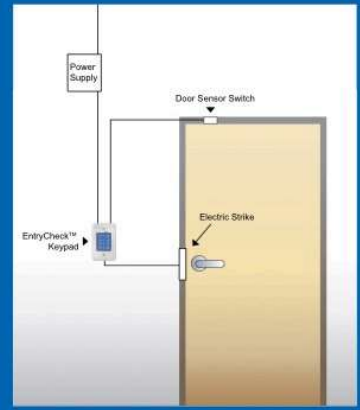




PROGRAMMING OPTIONS

The **918 EntryCheck™** includes a Door Sense/Inhibit Input feature. When programmed for “Door Sense”, a door position switch wired into the input and detects a “forced entry” or “door ajar” condition. When programmed for “Inhibit Input”, a maintained switch or automatic timer wired into a the input will disable the activation of

the main relay. The EntryCheck™ also has a request-to-exit input for connection to an exit switch and/or fire access key switch for fire/emergency access. When access is granted, the shunt option is activated shunting alarm contacts on the door or gate. This prevents triggering of an alarm during authorized access.



918 SPECIFICATIONS

Voltage	12/24 VAC/DC
Current	30mA Typical, 150mA Maximum
Outputs	Relay 1 - SPDT 5 Amps @ 30VDC Relay 2 - SPDT 2 Amps @ 30VDC Switch to Common Outputs 3 & 4 - 100mA @ 30VDC
Temperature	-10°F to + 130°F
Humidity	5% to 95% Non-Condensing
Finish	Brushed Stainless Steel
Dimensions	3"W x 4-3/4"H x 1-1/2"D (1/4" Wall Projection)
Weight	.5 lbs

918W SPECIFICATIONS

Keypad	Brushed Stainless Steel 3/32" Thick
Voltage	5-16 VDC
Current	30mA Typical, 60mA Max.
Keypad Output	26-bit Wiegand
Wiring	6" Pigtail
Temperature	-10°F to + 130°F
Humidity	5% to 95% Non-Condensing
Dimensions	3"W x 4-3/4"H x 1"D (1/4" Wall Projection)
Weight	.5 lbs

PRODUCT SKU SAMPLE: **918W H TR12**

HOW TO ORDER

1| SPECIFY MODEL

- 918** Standalone Digital Indoor Keypad
- 918W** Indoor Keypad with Wiegand Output

2| SPECIFY FINISH

- U** 630 Satin Stainless Steel
- C** 605 Bright Brass
- D** 606 Dull Brass
- H** 613 Oil Rubbed Bronze
- P** 625 Bright Chrome

3| SPECIFY OPTIONS (OPTIONAL)

- TR12** Plug in Power Supply 120 VAC Primary. Output: 12VDC @ 1 Amp. Secondary Screw Terminals

ACCESSORIES

PRIVACY SHROUD PRIVACY PROTECTION



900-PS Privacy Shroud, Ensure Privacy for Standalone Digital Keypads.

EntryCheck™ 920 Series Digital Keypads



The SDC EntryCheck™ 920 Series indoor/outdoor digital keypads are designed to control access of a single entry point with up to 500 users. Each user is assigned a personal identification number (PIN). Keypad entry of a valid one to six digit code activates one or both of the output relays which releases an electric door lock. Featuring heavy cast vandal resistant housing and cast metal blue backlit keys.

The SDC EntryCheck™ 920P adds HID proximity reader capability to the keypad. The 920PW is designed to interface with most access control systems and provides a standard 26-bit Wiegand output.

FEATURES

- Digital Keypad with or without Wiegand Output for Universal Compatibility
- Weather & Vandal Resistant Housing with Tactile Metal Keys
- HID-Compatible Proximity Reader (920P and 920PW only)
- 12-Key Illuminated, 3" x 4" Keypad
- Surface or Single-Gang Mount
- Built-In Tamper Switch
- Programmable Site Code (920PW)
- Dual LED Status Indicators
- Adjustable Audible Annunciation
- Configurable Illumination: On, Off, Timed

PROX ONLY:

- 3 User Modes:
- PIN or Card
 - Card Only
 - Card and PIN (HID-Compatible: 125kHz-RFID)

MODELS	
920	Standalone Digital Keypad
920P	Standalone Digital Keypad with Prox Reader
920PW	Digital Keypad with Prox Reader and Wiegand Output

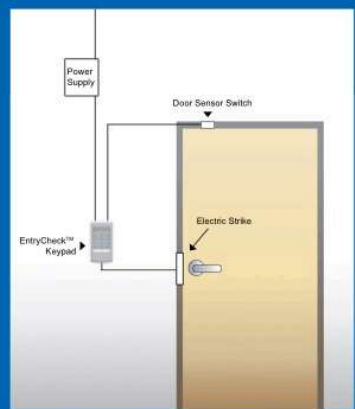




PROGRAMMING OPTIONS

The 920 EntryCheck™ series includes a Door Sense/Inhibit Input feature. When programmed for “Door Sense”, a door position switch wired into the input and detects a “forced entry” or “door ajar” condition. When programmed for “Inhibit Input”, a maintained switch or automatic timer wired into a the input will disable the activation

of the main relay. The EntryCheck™ also has a request-to-exit input for connection to an exit switch and/or fire access key switch for fire/emergency access. When access is granted, the shunt option is activated shunting alarm contacts on the door or gate. This prevents triggering of an alarm during authorized access.



920 & 920P SPECIFICATIONS

Voltage	12/24 VAC/DC
Current	30mA Typical, 150mA Maximum
Outputs	Relay 1 - SPDT 5 Amps @ 30VDC Relay 2 - SPDT 2 Amps @ 30VDC Switch to Common Outputs 3 & 4 - 100mA @ 30VDC
Temperature	-22°F to + 149°F
Humidity	5% to 95% Non-Condensing
Finish	Powder Coat Painted Cast Metal
Mount	Surface Mount
Dimensions	3"W x 5-3/4"H x 1-7/16"D (1.5" Wall Projection)
Weight	2.0 lbs

920PW SPECIFICATIONS

Keypad Housing	Powder Coat Painted Cast Metal
Voltage	5-16VDC
Current	30mA Typical, 60mA Max.
Reader Output	26-bit Wiegand
Reader Frequency	125kHz
Keypad Output	26-bit Wiegand or 4-bit Word
Wiring	6" Pigtail
Temperature	-22°F to +149°F
Humidity	5% to 95% Non-Condensing
Finish	Powder Coat Painted Cast Metal
Weight	2.0 lbs

ACCESSORIES

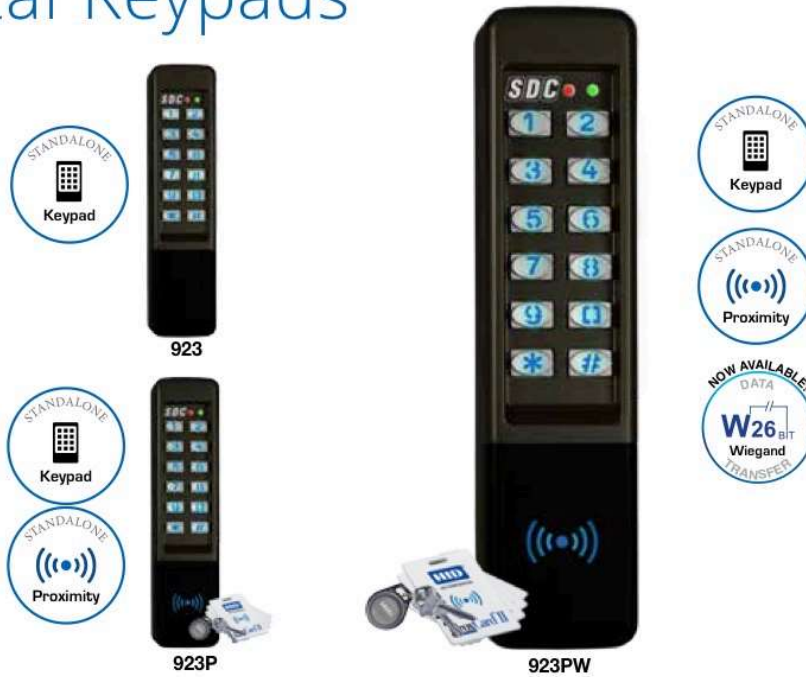
PROX CARDS AND KEY FOBs

- HID1326-25** HID ProxCard® II, 25 Cards
- HID1326-100** HID ProxCard® II, 100 Cards
- HID1346-10** HID ProxKey® II, 10 Key Fobs
- HID1346-100** HID ProxKey® II, 100 Key Fobs

PRIVACY SHROUD PRIVACY & RAIN PROTECTION

- 900-PS** Privacy Shroud, Ensure Privacy and Rain Protection for Standalone Digital Keypads.

EntryCheck™ 923 Series Digital Keypads



The SDC EntryCheck™ 923 series narrow indoor/outdoor stand-alone digital keypads are designed to control access of a single entry point for facilities with up to 500 users. Each user is assigned a personal identification number (PIN). Keypad entry of a valid one to six digit code activates one or both of the output relays which releases an electric door lock.

The SDC EntryCheck™ 923P adds HID proximity reader capability to the keypad. The 923PW is designed to interface with most access control systems and provides a standard 26-bit Wiegand output.

FEATURES

- Narrow Digital Keypad with or without Wiegand Output for Universal Compatibility
- Weather & Vandal Resistant Housing with Tactile Metal Keys
- HID-Compatible Proximity Reader (923P and 923PW only)
- 12-Key Illuminated, 2" x 6" Keypad
- Surface, Mullion, or Single-Gang Mount
- Built-In Tamper Switch
- Programmable Site Code (923PW)
- Dual LED Status Indicators
- Adjustable Audible Annunciation
- Configurable Illumination: On, Off, Timed

PROX ONLY:

- 3 User Modes:
- PIN or Card
 - Card Only
 - Card and PIN
- HID-Compatible: 125kHz-RFID)

MODELS	
	923 Standalone Digital Narrow Keypad
	923P Standalone Digital Narrow Keypad with Prox Reader
	923PW Digital Narrow Keypad with Prox Reader and Wiegand Output

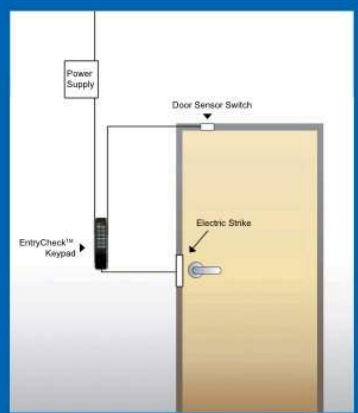




PROGRAMMING OPTIONS

The 923 EntryCheck™ series includes a Door Sense/Inhibit Input feature. When programmed for “Door Sense”, a door position switch wired into the input and detects a “forced entry” or “door ajar” condition. When programmed for “Inhibit Input”, a maintained switch or automatic timer wired into the input will disable the activation

of the main relay. The EntryCheck™ also has a request-to-exit input for connection to an exit switch and/or fire access key switch for fire/emergency access. When access is granted, the shunt option is activated shunting alarm contacts on the door or gate. This prevents triggering of an alarm during authorized access.



923 & 923P SPECIFICATIONS

Voltage	12/24 VAC/DC
Current	30mA Typical, 150mA Maximum
Outputs (923/923P)	Relay 1 - SPDT 5 Amps @ 30VDC Relay 2 - SPDT 2 Amps @ 30VDC Switch to Common Outputs 3 & 4 - 100mA @ 30VDC
Temperature	-20°F to + 130°F
Humidity	5% to 95% Non-Condensing
Finish	Powder Coat Painted Cast Metal
Mount	Surface Mount
Housing	1-3/4"W x 7-5/16"H x 1-3/8"D (1.5" Wall Projection)
Weight	1.65 lbs

923PW SPECIFICATIONS

Keypad Housing	Powder Coat Painted Cast Metal
Voltage	5-16VDC
Current	30mA Typical, 60mA Max.
Reader Output	26-bit Wiegand
Reader Frequency	125kHz
Keypad Output	26-bit Wiegand or 4-bit Word
Wiring	6" Pigtail
Temperature	-22°F to +149°F
Humidity	5% to 95% Non-Condensing
Dimensions	1-3/4"W x 7-5/16"H x 1-3/8"D (1.5" Wall Projection)
Weight	1.65 lbs

ACCESSORIES

PROX CARDS AND KEY FOBs



HID1326-25 HID ProxCard® II, 25 Cards

HID1326-100 HID ProxCard® II, 100 Cards



HID1346-10 HID ProxKey® II, 10 Key Fobs

HID1346-100 HID ProxKey® II, 100 Key Fobs

EntryCheck™ 921P & 924P

Digital Keypads x Secure Electronics



The SDC 921P and the 924P EntryCheck™ are indoor/outdoor stand-alone digital keypads with Prox Reader and Controller (2-piece configuration), designed to control access of a single entry point with up to 500 users. Each user is assigned a proximity card and/or a personal identification number (PIN). Presentation of a proximity card or keypad entry of a code activates one or both of the output relays which releases an electric door lock.

FEATURES



- Weather Resistant
- Heavy Cast Vandal Resistant Housing
- Heavy Cast Metal Blue Backlit Keys
- Keypad Programmable
- 500 Users, Prox card and/or PIN Codes
- 4 Outputs, 2 Relay and 2 Solid State Outputs Timed or Latching (On/Off)
- Assign Entry to Relays 1 and/or 2
- LED Status: Access, Lockout
- Tactile Keys with Selectable Audible Levels for Key Depression or Output Activation
- Timed Anti-Passback, Anti-Tailgate
- Keypad Tamper Lockout
- Request-to-Exit/Enter Input
- Choice of Door Sense/Relay Inhibit Input Functions; Forced Entry, Door Ajar, or Inhibit Relay 1 or 2, Auto Relock When Door Closes
- Choice of 2 Solid State Outputs Functions; Alarm Shunt, Forced Entry, Door Ajar, Tamper Lockout or Keypad Active

MODES:

3 User Modes:

- PIN or Card
- Card Only
- Card and PIN
HID-Compatible (125kHz-RFID)

MODELS

-  **921P** Standalone Surface Mount Digital Keypad with Prox Reader and Controller
-  **924P** Standalone Surface Mount Narrow Digital Keypad with Prox Reader and Controller

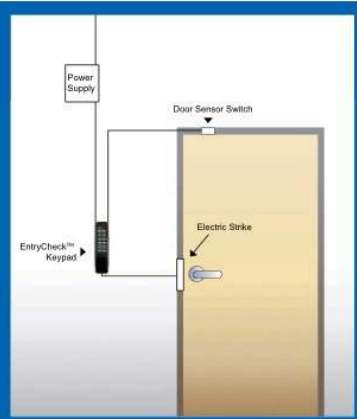




PROGRAMMING OPTIONS

The 921 and 924 EntryCheck™ series includes a Door Sense/Inhibit Input feature. When programmed for “Door Sense”, a door position switch wired into the input and detects a “forced entry” or “door ajar” condition. When programmed for “Inhibit Input”, a maintained switch or automatic timer wired into the input will disable the activation of the

main relay. The EntryCheck™ also has a request-to-exit input for connection to an exit switch and/or fire access key switch for fire/emergency access. When access is granted, the shunt option is activated shunting alarm contacts on the door or gate. This prevents triggering of an alarm during authorized access.



921P SPECIFICATIONS

Voltage	12/24 VAC/DC
Current	30mA Typical, 150mA Maximum
Outputs	Relay 1 - SPDT 5 Amps @ 30VDC Relay 2 - SPDT 2 Amps @ 30VDC Switch to Common Outputs 3 & 4 - 100mA @ 30VDC
Temperature	-22°F to + 149°F (-30°C to + 65°C)
Humidity	5% to 95% Non-Condensing
Finish	Powder Coat Painted Cast Metal
Keypad	3"W x 5-3/4"H x 1-7/16"D (1.5" Wall Projection) Surface mount
Enclosure	7-3/4" W x 5-3/4" H x 3-1/2" D
Weight	2.65 lb

924P SPECIFICATIONS

Voltage	12/24 VAC/DC
Current	30mA Typical, 150mA Maximum
Outputs	Relay 1 - SPDT 5 Amps @ 30VDC Relay 2 - SPDT 2 Amps @ 30VDC Switch to Common Outputs 3 & 4 - 100mA @ 30VDC
Temperature	-20°F to + 130°F (-30°C to + 65°C)
Humidity	5% to 95% Non-Condensing
Finish	Powder Coat Painted Cast Metal
Keypad	1-3/4"W x 7-5/16"H x 1-3/8"D (1.5" Wall Projection) Surface mount
Enclosure	7-3/4" W x 5-3/4" H x 3-1/2" D
Weight	2.45 lb

ACCESSORIES

PROX CARDS AND KEY FOBs



HID1326-25 HID ProxCard® II, 25 Cards

HID1326-100 HID ProxCard® II, 100 Cards

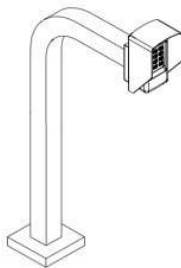


HID1346-10 HID ProxKey® II, 10 Key Fobs

HID1346-100 HID ProxKey® II, 100 Key Fobs



EntryCheck™ 925 Series Digital Keypads



The SDC EntryCheck™ 925 Series outdoor stand-alone digital keypads with Privacy Shroud are designed to control access of a single entry point for facilities with up to 500 users. Each user is assigned a personal identification number (PIN). Keypad entry of a valid one to six digit code activates one or both of the output relays which releases an electric door lock.

The SDC EntryCheck™ 925P adds HID proximity reader capability to the keypad. The 925PW is designed to interface with most access control systems and provides standard 26-bit Wiegand output. Perfect for Post-mount applications.

FEATURES

- Digital Keypad with or without Wiegand Output for Universal Compatibility
- Weather & Vandal Resistant Housing with Tactile Metal Keys
- HID-Compatible Proximity Reader (925P and 925PW only)
- 12-Key Illuminated, 3" x 4" Keypad
- Surface or Single-Gang Mount
- Built-In Tamper Switch
- Programmable Site Code (925PW)
- Dual LED Status Indicators
- Adjustable Audible Annunciation
- Configurable Illumination: On, Off, Timed

PROX ONLY:

3 User Modes:

- PIN or Card
- Card Only
- Card and PIN (HID-Compatible: 125kHz-RFID)

MODELS

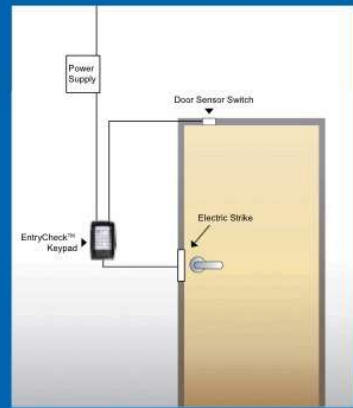
- 925** Indoor/Outdoor Keypad with Privacy Shroud
- 925P** Indoor/Outdoor Keypad with Privacy Shroud and Prox Reader
- 925PW** Indoor/Outdoor Keypad with Privacy Shroud and Prox Reader, Wiegand Output 



PROGRAMMING OPTIONS

The 925 EntryCheck™ series includes a Door Sense/Inhibit Input feature. When programmed for "Door Sense", a door position switch wired into the input and detects a "forced entry" or "door ajar" condition. When programmed for "Inhibit Input", a maintained switch or automatic timer wired into a the input will disable the activation

of the main relay. The EntryCheck™ also has a request-to-exit input for connection to an exit switch and/or fire access key switch for fire/emergency access. When access is granted, the shunt option is activated shunting alarm contacts on the door or gate. This prevents triggering of an alarm during authorized access.



925 & 925P SPECIFICATIONS

Voltage	12/24 VAC/DC
Current	30mA typical, 150mA maximum
Outputs	Relay 1 - SPDT 5 Amps @ 30VDC Relay 2 - SPDT 2 Amps @ 30VDC Switch to Common Outputs 3 & 4 - 100mA @ 30VDC
Temperature	-22°F to + 149°F (-30°C to + 65°C)
Humidity	5% to 95% non-condensing
Finish	Powder Coat Painted Cast Metal
Weight	2.54 lbs

925PW SPECIFICATIONS

Keypad Housing	Powder Coat Painted Cast Metal
Voltage	5-16VDC
Current	30mA Typical, 60mA Max.
Reader Output	26-bit Wiegand
Reader Frequency	125kHz
Keypad Output	26-bit Wiegand or 4-bit Word
Wiring	6" Pigtail
Temperature	-22°F to +149°F
Humidity	5% to 95% Non-Condensing
Finish	Powder Coat Painted Cast Metal
Weight	2.54 lbs

ACCESSORIES

PROX CARDS AND KEY FOBS

-  **HID1326-25** HID ProxCard® II, 25 Cards 
- HID1326-100** HID ProxCard® II, 100 Cards
-  **HID1346-10** HID ProxKey® II, 10 Key Fobs 
- HID1346-100** HID ProxKey® II, 100 Key Fobs

EntryCheck® E75 Standalone Electronic Locksets

The SDC EntryCheck® E75 is an indoor/outdoor standalone electronic battery powered solution, providing controlled access for basic and multi-level high security requirements. The E75PS locksets are keypad or PC software programmable, and combine multiple access technology with efficient motorized locksets.



FEATURES

E75K and E75P:

- Keypad or PC Software Programmable
- 3,000 Users, 32 Temporary Users
- 4 to 6 Digit PIN Codes
- 3 Passage Mode Option
- 32 Access Groups, Schedules
- 32 Holidays
- 4 Authority Levels
- Keypad Tamper Lockout
- Mechanical Key Override
- Battery Powered (4AA)
- Blue Backlit Cast Metal Keys
- Weather & Vandal Resistant
- Retrofit Existing Lock Door Prep
- Motorized SDC Cylindrical Lockset
- Heavy Duty ANSI Grade 1
- Vandal Resistant Lever Clutch Mechanism

E75PS additional Features :

- Point-and-Click Microsoft PC-Based Software
- Supports Up to 1,000 Unique Doors
- Manage Individual Door Parameters, Access Schedules, User Groups, Holidays, Temporary Users
- Lock settings and related parameters are easily cloned to other locks, permitting quick multi-lock installations
- Data Import: All lock parameters and user data can easily be imported from existing databases, locks, or spreadsheets
- Database Backup Utility: Password protected SQL dbase may be saved on any PC
- Wireless Information Transfer: Lock programming and audit trail may be uploaded or downloaded using a Bluetooth enabled PC or laptop
- Audit Trail Information: Locks will maintain a record of the last 10,000 events to provide increased accountability. Audits may be downloaded to Excel spreadsheets where information is easily analyzed, sorted or printed
- User Entries Logged with Time and Date
- Remote Input Activation is Logged
- Door Forced/Door Ajar/Duress Alarms Are Logged
- User Reports: Users may be exported to Excel spreadsheets where information is easily sorted or printed

E75PS
Includes Bluetooth enabled software!



SPECIFICATIONS

Power	4 Size AA Batteries (Alkaline) 100,000 cycles or External 12VDC Power @ 30mA
Inputs	1 Request to Exit 1 Door Position Switch
Output	1 Aux Relay Contacts SPDT 1A @ 30VDC
Temperature	22°F to + 130°F (-30°C to + 54°C)
Humidity	5% to 95% non-condensing
Keypad Finish	Q 626 Dull Chrome - Standard B 693 Black
Latch Bolt	9/16" Throw
Backset	2-3/4"
Strike	4-7/8" ANSI A115.2
Door Thickness	1-3/4" to 2-1/8"
Weight	8.8 lbs

PC Requirements

Supported Operating Systems	Windows 7/8, 10 (32-Bit and 64-Bit Systems)
Processor	2GHz or Faster Recommended
RAM	2GB or More Recommended
Hard Disk Space	1GB or More Recommended
Required	Windows Administrative Rights

ACCESSORIES

PROX CARDS AND KEY FOBs




-  **HID1326-25** HID ProxCard® II, 25 Cards
-  **HID1326-100** HID ProxCard® II, 100 Cards
-  **HID1346-10** HID ProxKey® II, 10 Key Fobs
-  **HID1346-100** HID ProxKey® II, 100 Key Fobs

PRODUCT SKU SAMPLE: E75P Q E1 Q

HOW TO ORDER

ENTRYCHECK™ E75 LOCKSET - SDC LOCK

1| SPECIFY MODEL

-  **E75K** Digital Keypad Only
-  **E75P** Digital Keypad with Prox Reader
-  **E75PS** Digital Keypad with Prox Reader and Software

2| SPECIFY KEYPAD FINISH

-  **Q** 626 Dull Chrome (Standard)
-  **B** Black

3| SPECIFY LEVER HANDLE

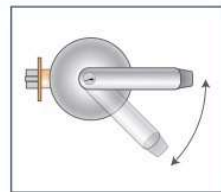
-  **G1** Galaxy
-  **G5** Galaxy I-Core Prep
-  **E1** Eclipse
-  **E5** Eclipse I-Core Prep



G1 Galaxy **E1** Eclipse
G5 Galaxy, I-Core **E5** Eclipse, I-Core

4| SPECIFY LEVER FINISH

- Q** 626 Dull Chrome (Standard)
- P** 625 Polished Chrome
- C** 605 Polished Brass



When locked, the built-in clutch permits the handles to operate without retracting the latch, reducing potential for damage.

EntryCheck® E76

Standalone Electronic Mortise Locksets



The EntryCheck® E76 Series includes an SDC Mortise lock and is an indoor/outdoor standalone electronic battery powered solution, providing controlled access for basic and multi-level high security requirements. The E76 locksets are keypad or PC software programmable, and combine multiple access technology with efficient motorized locksets.

FEATURES

E76K and E76P:

- Keypad or PC Software Programmable
- 3,000 Users, 32 Temporary Users
- 4 to 6 Digit PIN Codes
- 3 Passage Mode Option
- 32 Access Groups, Schedules
- 32 Holidays
- 4 Authority Levels
- Keypad Tamper Lockout
- Mechanical Key Override
- Battery Powered (4AA)
- Blue Backlit Cast Metal Keys
- Weather & Vandal Resistant
- Retrofit Existing Lock Door Prep
- Motorized SDC Mortise Lockset
- Heavy Duty ANSI Grade 1
- Vandal Resistant Lever Clutch Mechanism

E76PS additional Features :

- Point-and-Click Microsoft PC-Based Software
- Supports Up to 1,000 Unique Doors
- Manage Individual Door Parameters, Access Schedules, User Groups, Holidays, Temporary Users
- Lock settings and related parameters are easily cloned to other locks, permitting quick multi-lock installations
- Data Import: All lock parameters and user data can easily be imported from existing databases, locks, or spreadsheets
- Database Backup Utility: Password protected SQL dbase may be saved on any PC
- Wireless Information Transfer: Lock programming and audit trail may be uploaded or downloaded using a Bluetooth enabled PC or laptop
- Audit Trail Information: Locks will maintain a record of the last 10,000 events to provide increased accountability. Audits may be downloaded to Excel spreadsheets where information is easily analyzed, sorted or printed
- User Entries Logged with Time and Date
- Remote Input Activation is Logged
- Door Forced/Door Ajar/Duress Alarms Are Logged
- User Reports: Users may be exported to Excel spreadsheets where information is easily sorted or printed

E76PS
Includes Bluetooth enabled software!



MORTISE LOCK FEATURES

- SDC Fully Featured Mortise Lockset with Complete Application Flexibility for New Construction or Retrofit of Major Brand Mechanical Locks
- New or Retrofit Application, Replaces Most Mechanical Locks
- Order with SDC Trim or Less Trim. Compatible with Schlage Trim Provided by Others.
- Key Latch Retraction
- ANSI Grade 1

KEYPAD SPECIFICATIONS

Power	4 Size AA Batteries (Alkaline) 100,000 cycles or External 12VDC Power @ 30mA
Inputs	1 Request to Exit 1 Door Position Switch
Output	1 Aux Relay Contacts SPDT 1A @ 30VDC
Temperature	22°F to + 130°F (-30°C to + 54°C)
Humidity	5% to 95% non-condensing
Keypad Finish	Q 626 Dull Chrome - Standard B 693 Black
Latch Bolt	9/16" Throw
Backset	2-3/4"
Strike	4-7/8" ANSI A115.2
Door Thickness	1-3/4" to 2-1/8"
Weight	8.8 lbs

PC Requirements

Supported Operating Systems	Windows 7/8, 10 (32-Bit and 64-Bit Systems)
Processor	2GHz or Faster Recommended
RAM	2GB or More Recommended
Hard Disk Space	1GB or More Recommended
Required	Windows Administrative Rights

PRODUCT SKU SAMPLE: E76P Q RR EE Q

HOW TO ORDER

ENTRYCHECK™ E76 SERIES

1| SPECIFY MODEL

- E76K** Digital Keypad Only, with Mortise Lock
- E76P** Digital Keypad with Prox Reader, with Mortise Lock
- E76PS** Digital Keypad with Prox Reader and Software, with Mortise Lock

2| SPECIFY KEYPAD FINISH

- Q** 626 Dull Chrome (Standard)
- B** Black

3| SPECIFY HAND

- L** Left Hand
- R** Right Hand
- RR** Right Hand Reversed
- LR** Left Hand Reversed

4| SPECIFY LOCK LEVER TRIM



5| SPECIFY LOCK FINISH

- Q** 626 Dull Chrome (Standard)
- C** 605 Polished Brass
- P** 625 Bright Chrome

ACCESSORIES

PROX CARDS AND KEY FOBs

- HID1326-25** HID ProxCard® II, 25 Cards
- HID1326-100** HID ProxCard® II, 100 Cards
- HID1346-10** HID ProxKey® II, 10 Key Fobs
- HID1346-100** HID ProxKey® II, 100 Key Fobs

EntryCheck® E77

Standalone Electronic Exit Device



The EntryCheck® E77 Series include an SDC rim exit device and trim. The E77 lockset are an indoor/outdoor standalone electronic battery powered solution, providing controlled access for basic and multi-level high security requirements. The E77 locksets are keypad or PC software programmable, and combine multiple access technology with efficient motorized exit devices.

FEATURES

E77K and E77P:

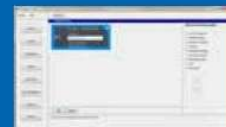
- Keypad or PC Software Programmable
- 3,000 Users, 32 Temporary Users
- 4 to 6 Digit PIN Codes
- 3 Passage Mode Option
- 32 Access Groups, Schedules
- 32 Holidays
- 4 Authority Levels
- Keypad Tamper Lockout
- Mechanical Key Override
- Battery Powered (4AA)
- Blue Backlit Cast Metal Keys
- Weather & Vandal Resistant
- Retrofit Existing Lock Door Prep
- SDC S6100 Rim Exit Device
- Heavy Duty ANSI Grade 1

E77PS additional Features :

- Point-and-Click Microsoft PC-Based Software
- Supports Up to 1,000 Unique Doors
- Manage Individual Door Parameters, Access Schedules, User Groups, Holidays, Temporary Users
- Lock settings and related parameters are easily cloned to other locks, permitting quick multi-lock installations
- Data Import: All lock parameters and user data can easily be imported from existing databases, locks, or spreadsheets
- Database Backup Utility: Password protected SQL dbase may be saved on any PC
- Wireless Information Transfer: Lock programming and audit trail may be uploaded or downloaded using a Bluetooth enabled PC or laptop
- Audit Trail Information: Locks will maintain a record of the last 10,000 events to provide increased accountability. Audits may be downloaded to Excel spreadsheets where information is easily analyzed, sorted or printed
- User Entries Logged with Time and Date
- Remote Input Activation is Logged
- Door Forced/Door Ajar/Duress Alarms Are Logged
- User Reports: Users may be exported to Excel spreadsheets where information is easily sorted or printed

E77PS

Includes Bluetooth enabled software!





EXIT DEVICE FEATURES

- The SDC S6000 Spectra™ series panic and fire rated exit devices are UL listed and ANSI A156.3 Grade 1 compliant and comply with all national and state building and fire life safety codes. The SDC Spectra series exit devices has a modern look and quiet push pad operation.



EXIT DEVICE SPECIFICATIONS

Device Head Cover	Zinc Alloy or Stainless Steel
Chassis	Steel, Plated
Housing	Extruded Aluminum
Push Bar Base	Extruded Aluminum
Touch Plate	Stainless Steel
Mounting	Machine screws standard. Sex bolts optional. Order "SNB" for wood or non-reinforced metal doors
End Cap	Zinc Alloy
Hand	Non-Handed
Dogging	Allen-Type Key Furnished
Finish	630 Stainless Steel



KEYPAD SPECIFICATIONS

Power	4 Size AA Batteries (Alkaline) 100,000 cycles or External 12VDC Power @ 30mA
Inputs	1 Request to Exit 1 Door Position Switch
Output	1 Aux Relay Contacts SPDT 1A @ 30VDC
Temperature	22°F to + 130°F (-30°C to + 54°C)
Humidity	5% to 95% non-condensing
Latch Bolt	9/16" Throw
Backset	2-3/4"
Strike	4-7/8" ANSI A115.2
Door Thickness	1-3/4" to 2-1/8"
Weight	8.8 lbs

PC Requirements

Supported Operating Systems	Windows 7/8, 10 (32-Bit and 64-Bit Systems)
Processor	2GHz or Faster Recommended
RAM	2GB or More Recommended
Hard Disk Space	1GB or More Recommended
Required	Windows Administrative Rights

PRODUCT SKU SAMPLE: E77P Q EK M61 P U 36



HOW TO ORDER

ENTRYCHECK™ E77 SERIES

1| SPECIFY MODEL

- E77K** Digital Keypad Only, with SDC S6100 Exit Device
- E77P** Digital Keypad with Prox Reader, with SDC S6100 Exit Device
- E77PS** Digital Keypad with Prox Reader and Software, with SDC S6100 Exit Device

2| SPECIFY KEYPAD FINISH

- Q** 626 Dull Chrome (Standard)
- B** Black

3| SPECIFY ELECTRIC TRIM

- EK** Eclipse Style Electric Trim Less Mortise Cylinder, Stainless Steel Finish
- GK** Galaxy Style Electric Trim Less Mortise Cylinder, Stainless Steel Finish



4| SPECIFY SPECTRA SERIES EXIT DEVICE

- M61** Rim Mount Exit Device



5| SPECIFY PANIC OR FIRE RATED

- P** Panic Exit Device
Mechanical Dogging STD. See Part # CD for Optional Key Cylinder Dogging
- F** Fire Exit Device
Mechanical Dogging Not Available

6| SPECIFY EXIT DEVICE FINISH

- U** 630 Dull Stainless Steel

7| SPECIFY EXIT DEVICE LENGTH

- 36** For 36" Door N/C
- 42** For 42" Door
- 48** For 48" Door



ACCESS CONTROL ACCESSORIES

HID Prox Cards and Fobs

The **ProxCARD®** proximity access control card is the industry choice for a cost-effective solution to proximity access control, with universal compatibility with all HID proximity card readers. The ProxCARD® proximity access control card provides durable packaging and consistent read range.



The **ProxKey®** is a proximity card keyfob for access control offering HID proximity technology in a convenient, pocket size device. The proximity card keyfob easily attaches to a key ring, badge clip or lanyard. The ProxKey® is built to withstand harsh operating environments or handling.



MODELS

- HID1326-25** HID ProxCARD® II, 25 Cards
- HID1326-100** HID ProxCARD® II, 100 Cards

MODELS

- HID1346-10** HID ProxKey® II, 10 Key Fobs
- HID1346-100** HID ProxKey® II, 100 Key Fobs



DPS-11
Ball Switch

Compatible with swinging or sliding doors. Recommended uses include communicated doors, mantraps, auto re-lock switches and high current applications. (2-3/4" x 1-1/4")



MC-4PAK
Magnetic Switch

Ideal for door status monitoring, the SDC MC-4 is easily installed in hollow metal and aluminum doors and frames (3/4" Diameter). **Comes in Pack of 10.**



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. (4-7/8" x 1-1/4")



MC-7
High Security Magnetic Switch

Biased for high security door status monitoring, the SDC 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. (1" Diameter)

See Accessories Category [pages 288 on] for Spec's





Egress Controls

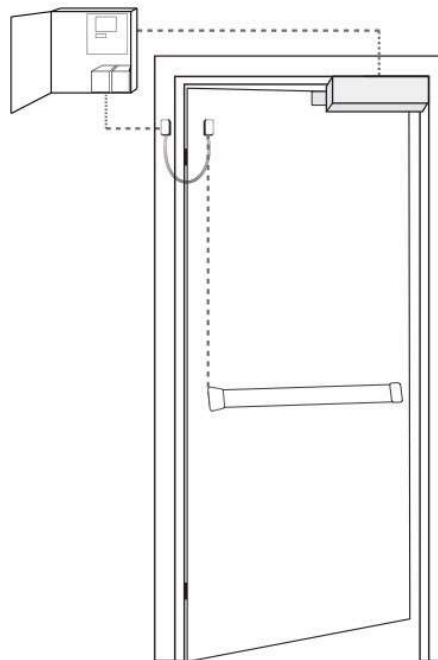
3

Egress Bars & Exit Device Switch Kits

SDC's innovative exit bars, devices and switches all comply with building safety codes by allowing exit through an access controlled opening without prior knowledge of how to unlock the door. From glass doors to gates, from interior to exterior, to wireless or hardwired, and ADA or emergency, there's an SDC Egress solution that provides safe and reliable security for any environment.

For the release of magnetic locks and the activation of delayed egress locks installed on non-latching doors.

Request-to-exit push bars provide uninhibited egress through access controlled openings equipped with magnetic locks, while eliminating the need for prior knowledge of egress operation and enabling egress with a single natural motion. The use of request to exit push bars may eliminate the need for wall mounted exit switches that required prior knowledge and a manual secondary action to unlock the door.



Sure Exit® PSB560 Egress Bar

Pressure Sense Bar



Stable and Reliable Pressure Sense Technology. Building codes essentially state that egress through access controlled doors must not require prior knowledge of operational requirements. Meeting this criteria, SDC's patented PSB560 Sure Exit® Pressure Sense Bar is designed to release electromagnetic door locks for uninhibited egress. When slight pressure is applied to the non-latching bar, either of the two redundant solid state pressure sensors are actuated causing the electronics to immediately release the electromagnetic door locks. **Now features Metal Endcaps.**

FEATURES

- Tri-Failsafe.** A third redundant micro switch is automatically activated to release the door if both sensors or the electronics fail. This automatic emergency release switch does not require prior knowledge to find or use. Door operation will continue without the inconvenience of emergency service. The SDC Sure Exit® is the only tri-failsafe exit bar providing unequaled safety and reliability.
 - No Moving Parts, Quick and Quiet Operation.** With no moving parts the pressure sense technology does not suffer wear and provides quick and quiet operation.
 - Temperature Tolerant.** Pressure sense technology operates from 0° to 150°F and tolerates sudden and extreme temperature changes.
 - Human Touch Not Required.** Unlike touch sensors, activation may be accomplished while wearing heavy gloves, by the hip through a coat, or using a briefcase. Superior egress safety is provided for frail, disabled or wheelchair confined persons unable to touch the bar and is easily activated by a cane or bump from a walker or wheelchair.
 - Sensor Calibration Not Required.** Stable pressure sense technology does not require adjustment or tune-in. When desired, pressure sensitivity can be increased up to 15 lbs to inhibit tampering for high security applications.
 - Heavy Duty Construction.** The SDC PSB560 uses heavy duty aluminum extrusion and rugged end caps. The mounting assembly is all metal, and no plastic.
- The rigid construction prevents any malfunction due to sagging or warped doors or tweaked glass door stiles.
 - Narrow, Low Profile.** The Sure Exit® has a narrow profile with minimum projection from the door of only 1.875". The unobtrusive design is ideally suited for aesthetically superior glass openings.
 - Two Outputs.** Two dry contacts for lock release, request-to-exit, alarm shunt, alarm activation or CCTV activation.
 - Armored Power Loop.** 18" flex stainless conduit included. The PT-2 enables wiring from the door to the frame.
 - 10Ft, 8 conductor cable included.**
 - Easy Installation and Troubleshooting.** Wires plug into the PC board after the bar is mounted and the extruded cover slides on easily after the wire connections are made. For quick and easy servicing, the extruded cover slides off without removing the bar from the door exposing all internal parts.

MODELS	
 PSB560V	628 Aluminum Anodized
 PSB560Y	335 Black Anodized
 PSB560S	629 Bight Stainless Steel
 PSB560U	630 Brushed Stainless Steel



CSFM Listed
Exit Door Accessories
3625-0324:105



PRODUCT SKU SAMPLE: **PSB560V - 42**

HOW TO ORDER

1| SPECIFY MODEL & FINISH

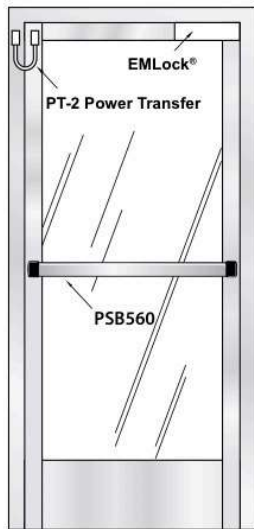
- PSB560V** 628 Aluminum Anodized
- PSB560Y** 335 Black Anodized
- PSB560S** 629 Bight Stainless Steel
- PSB560U** 630 Brushed Stainless Steel

2| SPECIFY DOOR WIDTH

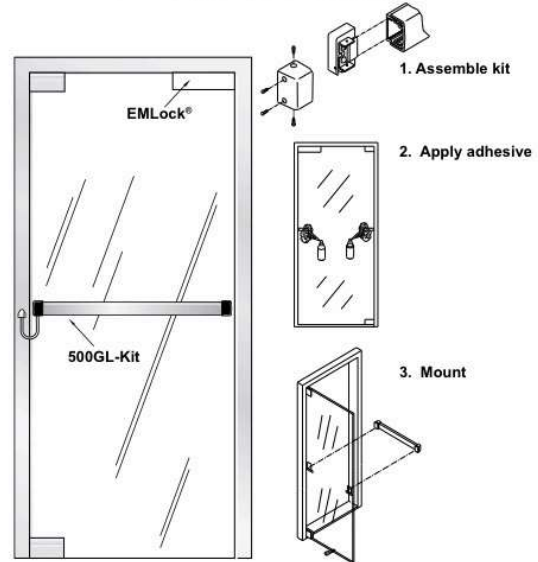
- 42** For 42" Door (May be field cut)
- 48** For 48" Door (May be field cut)



Standard Installation with Standard Mounting Hardware



GL - Glass Mount Installation



ACCESSORIES

500GL-KIT One Glass Door Mounting Kit with Adhesive for Eight to Ten Bars

500GL-MB One Glass Door Mounting Kit without Adhesive

500-SK Shim Kit Used to Raise Bar from Door. Recommended for Wood or Hollow Metal Doors with Uneven Mounting Surface

POWER TRANSFER

PT-3V Stainless Steel Armored Loop with Aluminum Surface Wire Junction Box



SPECIFICATIONS

Actuation	Pressure Sense Technology; Tri-Failsafe
Voltage	12/24VDC Voltage Sensing Input
Input Current	20mA at Rest, 115 mA Active
Lock Output	SPDT, 3 Amp @ 30VDC
Alarm Shunt/Status Output	SPDT, 3 Amp @ 30VDC
Operating Temp	0° to 150° F
Height	2.375"
Projection (Depth)	1.875"
Door Width	36" (Standard), 42", 48" Bars May be Field Cut
Weight	6.5 lbs
Activation Force	
Factory Set	5 lbs.
Field Adjustable	Up to 15 lbs Max.

Egress Bars

MSB550 Egress Bar

Mechanical Switch Bar



UL Listed
Burglary Resistant

4J82
Access Control Systems Unit
Burglary Resistant Electronic
Locking Mechanism

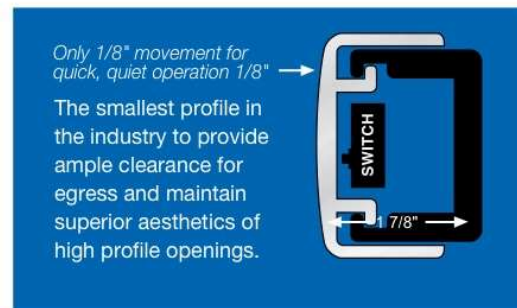
Building codes essentially state that egress through access controlled doors must not require prior knowledge of operational requirements. Meeting this criteria, SDC's MSB550 is designed to release electromagnetic door locks for uninhibited egress. When slight pressure is applied a microswitch is actuated, immediately releasing the electromagnetic door lock. The MSB550 is an economical alternative to sensor activated bars. **Now features Metal Endcaps.**

FEATURES

- **Only 1/8" Total Bar Movement.** The MSB550 has a maximum movement of only .125". Trigger activation to release the electromagnetic lock is quick and quiet.
- **Heavy Duty Construction.** The MSB550 utilizes heavy-duty aluminum extrusion and rugged end caps. The mounting assembly is all metal. The rigid construction prevents any malfunction due to sagging or warped doors or tweaked-glass door stiles.
- **Narrow Low Profile.** The MSB550 has a narrow profile with minimum projection from the door of only 1.875". The unobtrusive design is ideally suited for aesthetically superior glass openings.

MODELS

	MSB550V	628 Aluminum Anodized
	MSB550Y	335 Black Anodized
	MSB550S	629 Bight Stainless Steel
	MSB550U	630 Brushed Stainless Steel



SPECIFICATIONS

Actuation	1/8" Total Bar Movement for Mechanical Switch Actuation
Contact	SPDT, 5 Amp @ 30VDC (2nd switch optional)
Height	2.375"
Projection (Depth)	1.875"
Door Width	36" (Standard), 42", 48" Bars May be Field Cut
Accessories Include	PT-2U Power Transfer Loop
Weight	6.5 lbs

PRODUCT SKU SAMPLE: **MSB550- 2 V 48**

HOW TO ORDER

1) SPECIFY MODEL & FINISH

- MSB550V** 628 Aluminum Anodized
- MSB550Y** 335 Black Anodized
- MSB550S** 629 Bight Stainless Steel
- MSB550U** 630 Brushed Stainless Steel

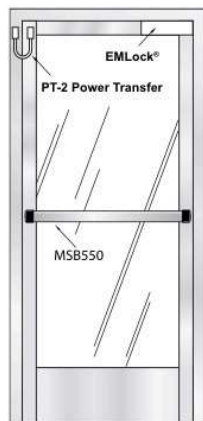
2 SPDT CONTACTS

Add "2" for 2nd Mechanical switch for dual-failsafe redundant operation; alarm shunt; or monitoring output.

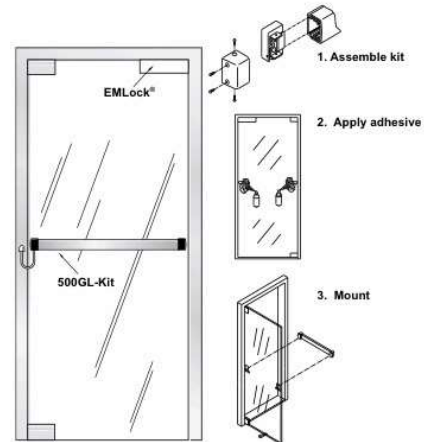
2) SPECIFY DOOR WIDTH

- 42** For 42" Door (May be field cut)
- 48** For 48" Door (May be field cut)

Standard Installation with Standard Mounting Hardware



GL - Glass Mount Installation



ACCESSORIES

500GL-KIT	One Glass Door Mounting Kit with Adhesive for Eight to Ten Bars
500GL-MB	One Glass Door Mounting Kit without Adhesive
500-SK	Shim Kit Used to Raise Bar from Door. Recommended for Wood or Hollow Metal Doors with Uneven Mounting Surface

POWER TRANSFER

PT-2V	Stainless Steel, Included with Bar
PT-3V	Stainless Steel Armored Loop with Aluminum Surface Wire Junction Box



MSB550W

Outdoor Weather Resistance Mechanical Switch Bar



SDC's MSB550W is designed to release electromagnetic door locks for uninhibited egress in outdoor weather exposed applications. When slight pressure is applied a microswitch is actuated, immediately releasing the electromagnetic door lock, making it the perfect Gate Lock companion. The MSB550W is an economical alternative to sensor activated bars. **Now features Metal Endcaps.**

Egress Bars

FEATURES

- Water Sealed Switches**
 The MSB550W features a high-quality watertight miniature snap action switch with a monoblock construction, ensuring high sealing capacity. Switch body meets IP67 (IEC 529) requirements.
- Heavy Duty Construction**
 The MSB550W utilizes heavy-duty aluminum extrusion and rugged end caps. The mounting assembly is all metal. The rigid construction prevents any malfunction.
- Only 1/8" Total Bar Movement**
 The MSB550W has a maximum movement of only .125". Trigger activation to release the electromagnetic lock is quick and quiet.
- Perfect Companion for Gate Lock Solutions**
 The MSB550W's watertight switches makes it a perfect companion for outdoor gate solutions. For additional system components, see next page.

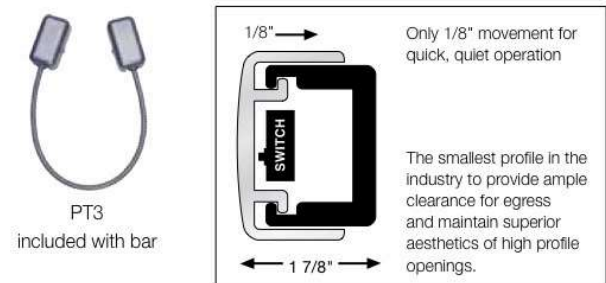
MODELS

- MSB550-2VW** 628 Aluminum Anodized
- MSB550-2YW** 335 Black Anodized

SPECIFICATIONS

Electrical Specifications

Contact	2 SPDT, 3 Amp @ 30VDC (RESISTIVE)
Operating Temperature	-40°F to 185°F
Weight	6.5 lbs



PRODUCT SKU SAMPLE: **MSB550-2V 42 W**

HOW TO ORDER

1| SPECIFY MODELS

PT-3 Power Transfer included

MSB550-2VW 628 Aluminum Anodized

MSB550-2YW 335 Black Anodized

2| SPECIFY OPTIONS

Standard Length: 36" Door

Bars for Wide Doors:

42 For 42" Wide Door. May be field cut.

48 For 48" Wide Door. May be field cut.

GATE EMLOCK® SOLUTIONS / ACCESSORIES

1 GATE MAGNETIC LOCK

1575U Gate Magnetic Lock

1576U Gate Magnetic Lock with face drilled mounting

2 GATE MOUNT BRACKETS

1575BK / 1576-ZBV / Application Specific Brackets

1576-AB / 1576-BK

3 OUTDOOR ACCESS CONTROL

923 Narrow Stand Alone Digital Keypad

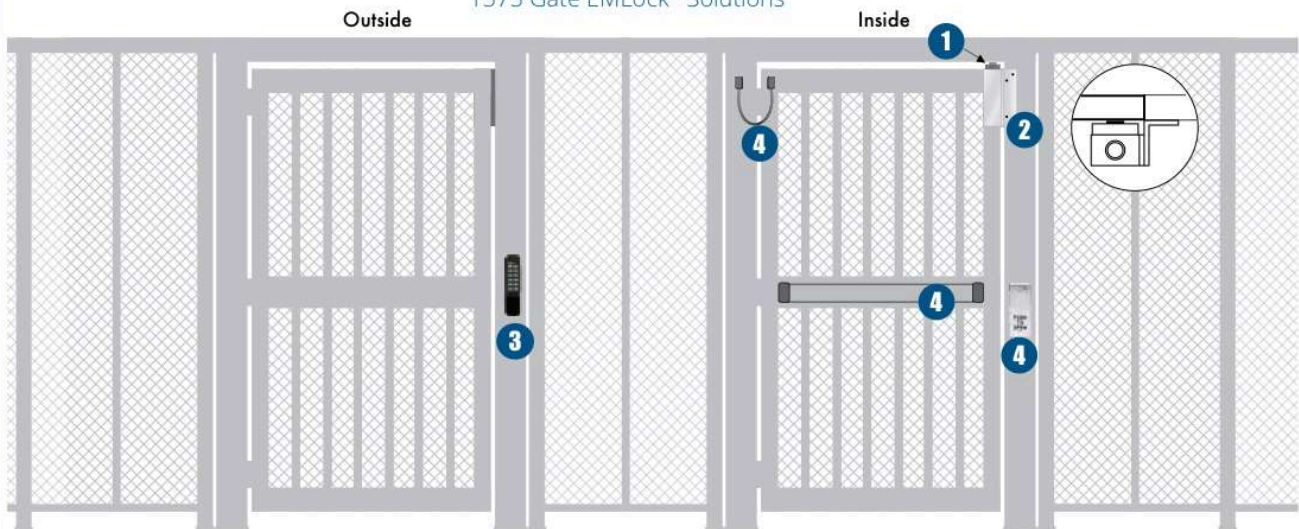
4 Request-To-Exit

48201U ADA approved Narrow Mullion Push Plate Switch

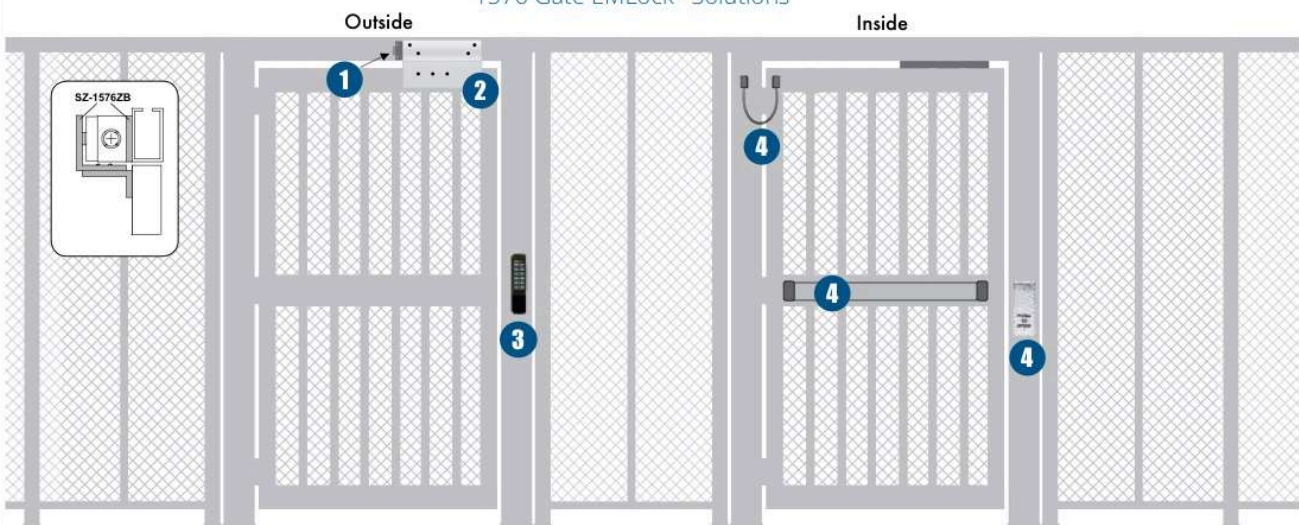
MSB550W Outdoor Weather Resistance Mechanical Switch Bar

Egress Bars

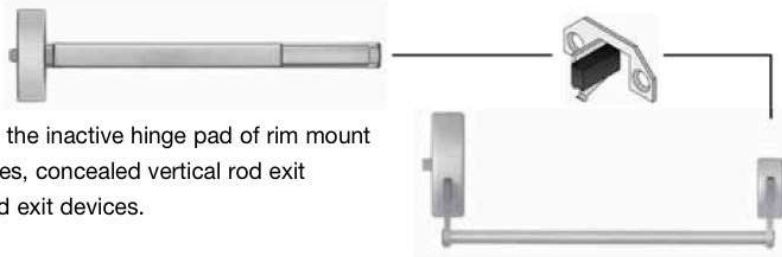
1575 Gate EMLock® Solutions



1576 Gate EMLock® Solutions



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.

FEATURES

- Include a SPDT Switch Assembly with Wire Leads
- Electromagnetic Lock Release
- Request-to-Exit
- Alarm Shunt or Alarm Activation

MODELS

510	Von Duprin 33, 35, 98, 99	525	Monarch 18 and 19
510-2	Von Duprin 33, 35, 98, 99 DPDT	525-2	Monarch 18 and 19
511	Von Duprin 55	526	Corbin ED8200
512	Von Duprin 88	527	Sargent 80, Arrow S3800/S120
514	Dor-O-Matic 990, 1090, 1990, 2090	527-2	Sargent 80 DPDT
515	Sargent 9300, 9400, 9500	528	Sargent 20/60 and Yale 2100
516	Sargent 9600, 9700, 9800, 9900	531	Yale 7000 (Dogging mechanism required)
517	Adams Rite 8300, 8400, 8700, 8800		Corbin 4000/5000
518	Precision Series 1100	535	Kawneer Mid Panel Line Dor-O-Matic 1390
518A	Precision Apex Series (2100 - 2800)	536	Jackson 1295
519	Jackson 1095	539	Cal Royal 9800 Series
519-2	Jackson 1095 DPDT	542	Hager 4700
520	Corbin 3000	590	Dor-O-Matic 1690
521	Corbin 7000		

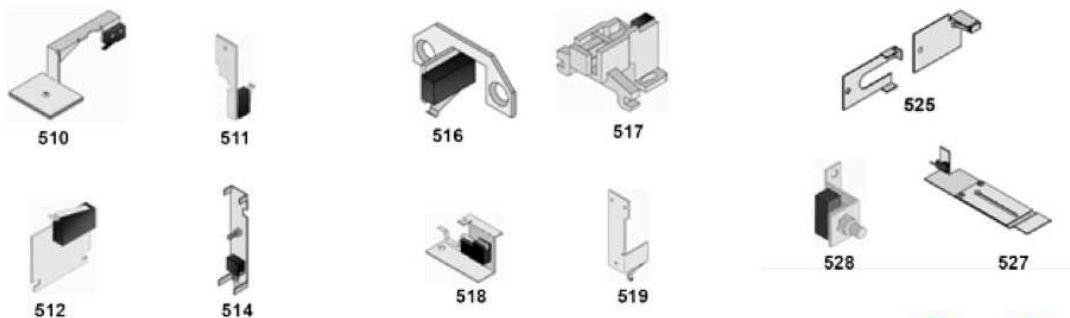
NOTE: Consult factory for Exit Device Switch Kits not shown. Modification of any kind to a UL Listed device may void UL Listing.

SPECIFICATIONS

Switch Contact SPDT, 5 Amp @ 30VDC

APPLICATION

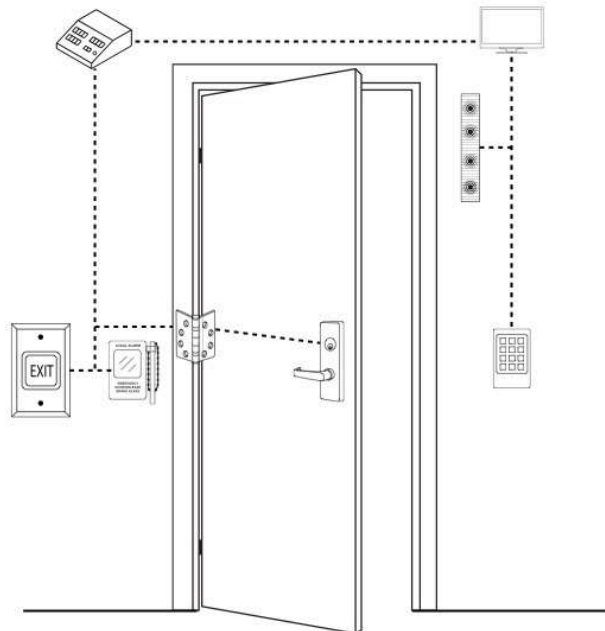
- Activation of Delayed Egress Locks
- Electromagnetic Lock Release
- Request-to-Exit
- Alarm Shunt or Alarm Activation





Key & Exit Switches

SDC Request-to-Exit Switch series is available in a variety of exit button and push button styles and contact configurations to fit several application needs. SDC key switch assemblies provide an economical method of providing authorized control for a variety of applications. A choice of several contact configurations ensures compatibility with virtually any system.



410 & 420 Series 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 ADA applications.



FEATURES

- Green or Red or ADA Blue Illuminated Switch Button
- Dull Stainless Steel Finish
- Push-to-Exit or Handicap Sign
- Green and Red Lens Included



SPECIFICATIONS

Switch Contact	SPDT/DPDT, 5 Amp @ 30VDC Resistive
Timer Contacts	DPDT 2 Amp @ 12/24VDC
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.
Weight	0.4 lbs



MODELS

410 NARROW SERIES 1-3/4" X 1" EXIT SWITCH

412N	Momentary SPDT	PUSH TO EXIT
413N	Integrated Electronic Timer, adj. 1-60 sec, 12/24VDC, 2A DPDT Contact	PUSH TO EXIT
413PN	Integrated Pneumatic Timer, adj. 1-180 Sec. 12/24VDC, DPST 3 Amp Contact, Screw Terminals	PUSH TO EXIT
414N	Momentary DPDT	PUSH TO EXIT
415N	AA (On/Off) DPDT	NONE

420 1 GANG SERIES 2" EXIT SWITCH

422	Momentary SPDT	PUSH TO EXIT
422A	Momentary SPDT, ADA Blue	SYMBOL
423	Integrated Electronic Timer, adj. 1-60 sec, 12/24VDC, 2A DPDT Contact	PUSH TO EXIT
423P	Integrated Pneumatic Timer, adj. 1-180 sec, 12/24VDC, DPST 3 Amp Contact, Screw Terminals	PUSH TO EXIT
423A	Integrated Electronic Timer, adj. 1-60 sec, 12/24VDC, 2A DPDT Contact, ADA Blue Illuminated	SYMBOL
424	Momentary DPDT	PUSH TO EXIT
425	AA (On/Off) DPDT	NONE



PRODUCT SKU SAMPLE: 413N U LT



HOW TO ORDER

1| SPECIFY MODEL

410 NARROW SERIES 1-3/4" X 1" EXIT SWITCH

412N	Momentary SPDT	PUSH TO EXIT
413N	Integrated Electronic Timer, adj. 1-60 sec, 12/24VDC, 2A DPDT Contact	PUSH TO EXIT
413PN	Integrated Pneumatic Timer, adj. 1-180 sec, 12/24VDC, DPST 3 Amp Contact, Screw Terminals	PUSH TO EXIT
414N	Momentary DPDT	PUSH TO EXIT
415N	AA (On/Off) DPDT	NONE

420 1 GANG SERIES 2" EXIT SWITCH

422	Momentary SPDT	PUSH TO EXIT
422A	Momentary SPDT, ADA Blue	SYMBOL
423	Integrated Electronic Timer, adj. 1-60 sec, 12/24VDC, 2A DPDT Contact	PUSH TO EXIT
423P	Integrated Pneumatic Timer, adj. 1-180 sec, 12/24VDC, DPST 3 Amp Contact, Screw Terminals	PUSH TO EXIT
423A	Integrated Electronic Timer, adj. 1-60 sec, 12/24VDC, 2A DPDT Contact, ADA Blue Illuminated	SYMBOL
424	Momentary DPDT	PUSH TO EXIT
425	AA (On/Off) DPDT	NONE

2| SPECIFY FINISHES

U 630 Stainless Steel - STANDARD	D 606 Dull Brass
C 605 Bright Brass	P 625 Bright Chrome
H 613 Oil Rubbed Bronze	

3| SPECIFY LED OPTIONS

L1G 1 Green LED	LT Tri-color LED - Red, Green, Amber
L1R 1 Red LED	L2 1 Red, 1 Green LED

Key & Exit Switches

413MN and 423M Exit Switches

Code Compliant Manual Release

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:

- IBC International Code 1008.1.3.4
- IFC International Fire Code 1008.1.3.4
- NFPA 101 Life Safety Code 7.2.1.6.2
- NFPA 1.15.5.3.2
- BOCA National Building Code 1017.4.5
- SBCCI Standard Building Code 1012.7



423M

413MN

Key & Exit Switches

FEATURES

- Fixed 30 Sec. Timer, Re-Triggerable
- Failsafe-Lock Releases when Power to Switch is Interrupted
- Green Illuminated Switch Button
- Push-to-Exit Sign
- CSFM Listed



SPECIFICATIONS

Timer Contacts	DPDT 2 Amp @ 12/24VDC
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.
Weight	0.4 lbs

PRODUCT SKU SAMPLE: 413MN U LT

HOW TO ORDER

1| SPECIFY MODEL

 413MN	Narrow, Integrated Electronic Timer, Fixed 30 Sec. Timer, 1 3/4"x1" Green Illuminated Button	PUSH TO EXIT
 423M	1 Gang, Integrated Electronic Timer, Fixed 30 Sec. Timer, 2" Green Illuminated Button	PUSH TO EXIT

2| SPECIFY FINISHES

U 630 Stainless Steel - STANDARD	D 606 Dull Brass
C 605 Bright Brass	P 625 Bright Chrome
H 613 Oil Rubbed Bronze	

3| SPECIFY LED OPTIONS

L1G 1 Green LED	LT Tri-color LED - Red, Green, Amber
L1R 1 Red LED	
L2 1 Red, 1 Green LED	



Key & Exit Switches

430 Series Mushroom Exit Switches

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.



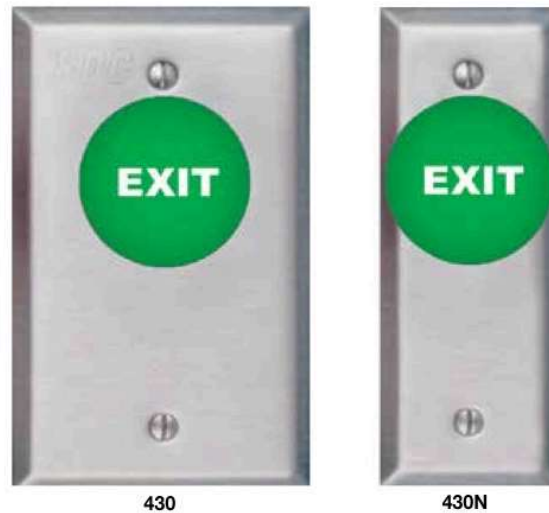
The SDC 432KLDUR and 432KUR latches when depressed and must be reset with the built-in-key. Applications include alarm, panic alarm and emergency door release where systems are restored by authorized personnel only. Red Button Standard

FEATURES

- 1.5" Mushroom Exit Switches
- Heavy Duty to Withstand Impact
- Water Resistant Contacts
- Ideal for High Frequency Use
- Green Button standard - Specify R for Red Button

SPECIFICATIONS

Contact	6 Amp @ 30VDC Resistive
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.
Weight	0.5 lbs



MODELS

NARROW

431CN	AA (On/Off) NC SPST	None
431ON	AA (On/Off) NO SPST	None
432CN	Momentary NC SPST	EXIT
432ON	Momentary NO SPST	EXIT
432KNUR	Latching/ key reset DPST	RED/None
434N	Momentary DPST	EXIT
435N	AA (On/Off) DPST	None

1 GANG

431C	AA (On/Off) NC SPST	None
431O	AA (On/Off) NO SPST	None
432C	Momentary NC SPST	EXIT
432O	Momentary NO SPST	EXIT
432KLDUR	Latching/ key reset DPST	RED/ LOCKDOWN
432KUR	Latching/ key reset DPST	RED/None
434	Momentary DPST	EXIT
435	AA (On/Off) DPST	None

2 GANG

433	Momentary with Electronic Timer Module, Adj. 1-60 Seconds. 12/24V AC/DC, SPDT 2A Contact	EXIT
------------	--	------



PRODUCT SKU SAMPLE: 432ON U LT



HOW TO ORDER

1| SPECIFY MODELS

NARROW

431CN	AA (On/Off) NC SPST	None
431ON	AA (On/Off) NO SPST	None
432CN	Momentary NC SPST	EXIT
432ON	Momentary NO SPST	EXIT
434N	Momentary DPST	EXIT
435N	AA (On/Off) DPST	None

1 GANG

431C	AA (On/Off) NC SPST	None
431O	AA (On/Off) NO SPST	None
432C	Momentary NC SPST	EXIT
432O	Momentary NO SPST	EXIT
434	Momentary DPST	EXIT
435	AA (On/Off) DPST	None

2 GANG

433	Momentary with Electronic Timer Module, Adj. 1-60 Seconds. 12/24V AC/DC, SPDT 2A Contact	EXIT
------------	---	------

2| SPECIFY FINISHES

- U** 630 Stainless Steel - STANDARD
- C** 605 Bright Brass **D** 606 Dull Brass
- H** 613 Oil Rubbed Bronze **P** 625 Bright Chrome

3| SPECIFY LED OPTIONS

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

LATCHING MODELS

NARROW

432KNUR	Narrow	RED/
	Latching/ key reset DPST	None
Stainless Steele Finish Standard - contact factory for special finish		

1 GANG

432KLDUR	1 Gang	RED/
	Latching/ key reset DPST	LOCKDOWN
432KUR	1 Gang	RED/
	Latching/ key reset DPST	None
Stainless Steele Finish Standard - contact factory for special finish		

440 Heavy Duty Series Exit Switches

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.



440



446

FEATURES

- 2-5/8" Mushroom Exit & Panic Switches
- Heavy Duty Steel Bezel to Guard Against Abuse
- Water Resistant Contacts
- Easy to Activate Emergency & Panic Switch
- Dull Stainless Steel Finish
- Red Button Standard
Specify G for Green Button

SPECIFICATIONS

Button	Mushroom, 2 5/8"
Contact	6 Amp @ 30VDC Resistive
Wire Connection	Screw Terminals
1 Gang	2 7/8" x 4 1/2" x 20 Ga.
2 Gang	4 1/2" x 4 1/2" x 20 Ga.
Timer Input	12/24 VDC / VAC @ 50 mA
Timer Trigger Input	N.O. Dry
Timer Contact	SPDT Dry, 2 Amps @ 30VDC
Timer Wire Leads	6", 20 Gauge
Timer Size	3/4" x 1-1/2" x 2-1/4"
Weight	0.5 lbs

MODELS

1 GANG

446U Momentary DPST EXIT

2 GANG

441U AA (On/Off) DPST None

442U Momentary DPST EXIT

443U Momentary with Electronic Timer Module, Adj., 1-60 sec, 12/24V AC/DC, SPDT 2A Contact EXIT

444U Momentary 2-DPST EXIT



Key & Exit Switches

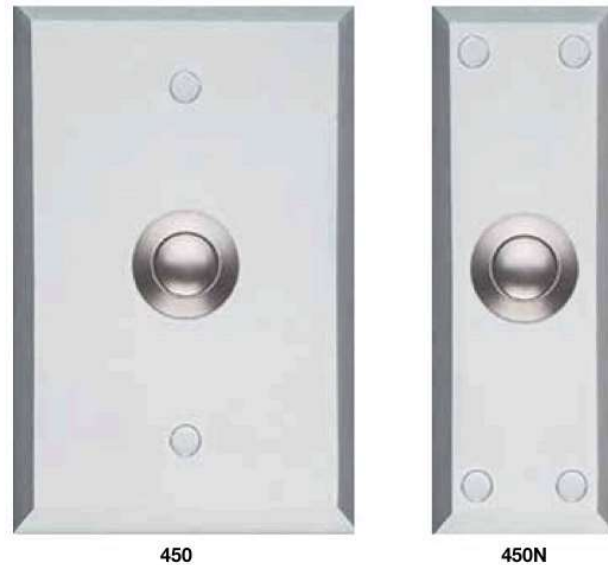
450 Vandal Resistant Series

Exit Switches

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 453P 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.



450

450N

FEATURES

- Stainless Steel Button - 1/4" Thick Aluminum Plate
- Security Screws

SPECIFICATIONS

Button	Round Dull Stainless Steel button, 1/2"
Contact	6 Amp @ 30VDC Resistive
Wire Connection	451/452: 6", 20 Gauge 453P: 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"
Weight	0.5 lbs

MODELS

1 GANG

451V AA (On/Off) SPDT

 **452V** Momentary SPDT

453PV Integrated Pneumatic Timer
Adj. 1-180 sec. DPST Contact

NARROW SERIES

451NV AA (On/Off) SPDT

 **452NV** Momentary SPDT

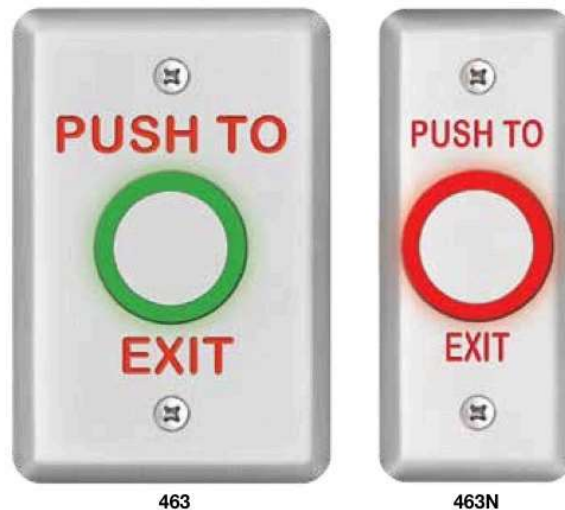
453PNV Integrated Pneumatic Timer
Adj. 1-180 sec. DPST Contact



Key & Exit Switches

463 Piezoelectric Series Exit Switch

The **SDC 463U** is a heavy duty vandal resistant exit switch designed for indoor, outdoor, commercial and industrial egress applications. Constructed of stainless steel and utilizing piezoelectric technology, the SDC 463U exit switch is ideal for harsh or high traffic conditions. The weather and vandal resistant design ensures superior performance in virtually any environment.



463

463N

FEATURES

- Vandal Resistant Stainless Steel Piezoelectric Button
- 2mm Stainless Steel Vandal Resistant Faceplate
- Selectable Bi-Color Illumination Status
- Standby Red - Flashing Green with Relay ON
- Standby Green - Flashing Red with Relay ON
- Adjustable Timer Output, 1-30 sec or Latching

The switch features an integrated output timer that is adjustable for 1 - 30 seconds or toggle on/off and switch selectable illumination status. Brilliant red and vibrant green can be selected to show relay ON or OFF status.

The 463U can be used to control an automatic door, electromechanical lock, strike or magnetic lock. It may also be tied into the remote bypass (request-to-exit) input of an access control system, or used to shunt an alarm system to allow egress from a secure area.

SPECIFICATIONS

Input Voltage	12/24V AC/DC
Current	Idle-30mA, Active-150mA
Output	SPDT Dry Contact, 3 Amp @ 30VDC
Button Switch Life	1 Billion Cycles
Relay Life	100,000 cycles @ 3A 30VDC
Expectancy	200,000 cycles @ 1.5A 30VDC
Switch Operating Environment	-40° F to +160° F
Dimensions	Single Gang: 4.75"H x 3"W x 1.125"D Narrow: 4.75"H x 1.75"W x 1.125"D
Weight	0.5 lbs

MODELS

- 463U** 1 Gang, Integrated 1-30 Sec Timer
12/24VDC, SPDT 3A Contact
- 463NU** Narrow, Integrated 1-30 Sec Timer
12/24VDC, SPDT 3A Contact



Key & Exit Switches

474U Touchless Series Exit Switch

IR Sensor, 4" read range, Wave to Exit Dual LED, illuminated status indication. Control electric locks/strikes, magnetic locks, or automatic door operators. Entry/exit for sanitary environments including: bathrooms, cleanrooms, hospitals, labs, schools, or offices.



474



474D

Key & Exit Switches

FEATURES

- Uses IR Sensor Technology; Device is Active with the Simple Wave of a Hand
- Designed to Control Electric Locks/Strikes, Magnetic Locks, or Automatic Door Operators
- Ideal for Use in Sanitary Applications Such as Cleanrooms, Bathrooms, Food Processing, Hospitals and Labs
- Sensing Range up to 4"
- Mounted on a Durable Stainless Steel Plate
- Dual LED, Illuminated Sensor, Red/Green Indicates Inactive/Active Status
- Quick Connect Screwless Terminal Block for Easy Installation

SPECIFICATIONS

Input	25mA (Standby); 70mA (Active) @ 12/24VDC
Output	DPDT 3 Amp Dry Contact Resistive
Activation Time	5 Second or as Long as Sensor is Triggered
LED Color	Standby RED; Active Green
Faceplate	20 Ga Stainless Steel
Range	4"
Weight	0.4 lbs

MODELS

- 474U** Sanitary Touchless Exit Switch DPDT, 1 Gang faceplate
- 474DU** Sanitary Touchless Exit Switch DPDT, 2 Gang faceplate



Key & Exit Switches

700 & 800 Series Key Switches



700
Single Gang



700N
Narrow 1.75" Wide
(with optional LED)



700T
Double Gang
(with optional LEDs and Siren)



800
Single Gang
(with optional LEDs)



800N
Narrow 1.75" Wide

SDC Key Switch Assemblies provide an economical method of providing authorized control for a variety of applications. A choice of several contact configurations ensure compatibility with virtually any system.

FEATURES

- Tamper Resistant, Recessed Cylinder (All Except 700N)
- Tamper Resistant Spanner Screws
- Heavy Duty All Steel Assembly
- Stainless Steel Faceplates of 20 Gauge (700 series) or 0.25" Thickness of Aluminum (800 series)
- Large Actuator for Positive and Consistent Activation
- 6 Amp @ 30 VDC Resistive
- 7", 22 Gauge Wire Leads
- Compatible with 1.0" or 1.375" Mortise Cylinder (not included)

NEW CONSTRUCTION OR RETROFIT



SDC key switch assemblies are compatible with U.S. standard, 1.0" and 1.375" mortise key cylinders and interchangeable core cylinders (not included). Compatibility with a new or existing facility mechanical key system is maintained. Standard switch assemblies are single gang box mounted. Assemblies equipped with narrow faceplates are mounted directly to the door frame.



 MODELS

OPERATION

APPLICATIONS

 701 701N 701T	801AL 801ALN	Alternate action SPDT Turning the key left or right actuates and latches the contact. Contact position is maintained until the key is inserted and turned again.	<ul style="list-style-type: none"> • Circuit on - off • Access control bypass • Machine operation
 702 702N 702T	802AL 802ALN	Momentary SPDT Turning the key left or right momentarily actuates the contact	<ul style="list-style-type: none"> • Momentary access • Timer activation • Alarm reset
704	804AL	Momentary SPDT plus 10TD Electronic Mini Timer SPDT 2Amp @ 30VDC, adjustable 1 - 60 seconds Turning the key left or right activates an electronically timed contact for 1 - 60 seconds	<ul style="list-style-type: none"> • Timed access • Timed alarm shunt
705 705N 705T	805AL 805ALN	Alternate action DPDT Turning the key left or right actuates and latches the contact. Contact position is maintained until the key is inserted and turned again	<ul style="list-style-type: none"> • Control two circuits simultaneously • Access and alarm bypass • Lock and magnetic door holder control
706 706N 706T	806AL 806ALN	Momentary DPDT Turning the key left or right momentarily actuates the contacts	<ul style="list-style-type: none"> • Control two circuits simultaneously
707 707N 707T	807AL 807ALN	#1 Momentary SPDT. Turning the key left momentarily actuates contact #1. #2 Momentary SPDT. Turning the key right momentarily actuates contact #2	<ul style="list-style-type: none"> • Control two circuits independently
708 708N 708T	808AL 808ALN	#1 Momentary SPDT. Turning the key in one direction momentarily actuates contact #1 #2 Alternate action SPDT. Turning the key in opposite direction actuates and latches contact #2 until the key is inserted and turned again	<ul style="list-style-type: none"> • Control two circuits independently • Momentary access and sustained bypass of a door
709 709N 709T	809AL 809ALN	#1 Alternate action SPDT. Turning the key left actuates and latches contact #1 #2 Alternate Action SPDT. Turning the key right actuates and latches contact #2	<ul style="list-style-type: none"> • Control two circuits independently • Bypass with single station #1 • Bypass with all stations #2
710T		#1 Momentary SPDT plus 10TD Electronic Mini Timer, SPDT 2Amp, 1-60 second. Turning the key in one direction activates an electronically timed contact for 1 - 60 seconds #2 Alternate action SPDT. Turning the key in opposite direction actuates and latches contact #2	<ul style="list-style-type: none"> • Control two circuits independently • Timed access and sustained bypass of a door • Timed alarm shunt (REX) and sustained alarm shunt
711 711N 711T	811AL 811ALN	#1 Momentary DPDT. Turning the key left momentarily actuates contact #1 #2 Momentary DPDT. Turning the key right momentarily actuates contact #2	<ul style="list-style-type: none"> • Control two pairs of circuits independently
712 712N 712T	812AL 812ALN	#1 Momentary DPDT. Turning the key in one direction momentarily actuates contact #1 #2 Alternate action DPDT. Turning the key opposite direction actuates and latches contact #2 until the key is inserted and turned again.	<ul style="list-style-type: none"> • Control two pairs of circuits independently • Activate a time delay, REX input or alarm shunt with #1 • Access control and alarm bypass with #2
713 713N 713T	813AL 813ALN	#1 Alternate action DPDT. Turning the key left actuates and latches contact #1. #2 alternate action DPDT. Turning the key right actuates and latches contact #2	<ul style="list-style-type: none"> • Control two pairs of circuits independently

SPECIFICATIONS

700	2.875" x 4.5" x 20 Ga.	Weight 0.5 lbs	800AL	3.25" x 5" x 0.25"D	Weight 0.65 lbs
700N	1.75" x 4.5" x 20 Ga.	Weight 0.3 lbs	800ALN	1.75" x 5" x 0.25"D	Weight 0.55 lbs
700T	4.5" x 4.5" x 20 Ga.	Weight 0.6 lbs			

PRODUCT SKU SAMPLE: **702 U L2**

HOW TO ORDER

1) SPECIFY MODEL & FUNCTION

20 GAUGE STAINLESS STEEL FACEPLATE			1/4" THICK ALUMINUM PLATE		Contacts
1 Gang	Narrow	2 Gang	1 Gang	Narrow	
701	701N	701T	801AL	801ALN	AA SPDT
702	702N	702T	802AL	802ALN	MO SPDT
704	704N	704T	804AL	804ALN	1-60 Timer SPDT
705	705N	705T	805AL	805ALN	AA DPDT
706	706N	706T	806AL	806ALN	MO DPDT
707	707N	707T	807AL	807ALN	2 MO SPDT
708	708N	708T	808AL	808ALN	1 MO SPDT & 1 AA SPDT
709	709N	709T	809AL	809ALN	2 AA SPDT
710	710N	710T	810AL	810ALN	1-60 Timer & 1 AA SPDT
711	711N	711T	811AL	811ALN	2 MO DPDT
712	712N	712T	812AL	812ALN	1 MO DPDT & 1 AA DPDT
713	713N	713T	813AL	813ALN	2 AA DPDT

2) SPECIFY FINISH

- 700 Series Only**
- U** 630 Dull Stainless Steel Standard
 - C** 605 Bright Brass
 - D** 606 Dull Brass
 - H** 613 Oil Rubbed Bronze
 - P** 625 Bright Chrome

Key cylinder sold separately.
MO - Momentary
AA - Alternate Action (On-Off)

3) SPECIFY OPTIONS

- ATS** Anti-Tamper Sensor, SPDT
- L1** One LED; Specify Red or Green
- L2** Two LED's; Red and Green
- LT** One Tri-Color LED; Red, Green and Amber
- RMB** Buzzer, 12 or 24VDC, 20mA
- SN** 85 db. Siren, 4V-25VDC, 15mA
- 10TD** Mini Timer, adj. 1-60 Sec., 12/24VDC, SPDT
- CYL-KD** 1-1/8" Key Cylinder with 2 Keys (keyed differently)

4) SPECIFY RETROFIT BACK BOX (OPTIONAL)

- BB1D** Single Gang 2.25" W 3.75" H x 2.75" D

Key & Exit Switches

Egress Controls

MD31D

Request-to-Exit PIR Sensor

The SDC MD31D Passive Infrared Detector is specifically designed for request-to-exit applications. 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 complies with national fire and building code requirements for Access Controlled Egress Doors listed below:

- IBC International Code 1008.1.3.4
- IFC International Fire Code 1008.1.3.4
- NFPA 101 Life Safety Code 7.2.1.6.2
- NFPA 1.15.5.3.2
- BOCA National Building Code 1017.4.5
- SBCCI Standard Building Code 1012.7



FEATURES

- Adjustable 1-60 Second Time Delay
- May be Mounted to Frame Header, Wall or Ceiling
- Complies with NFPA Applications

CODE COMPLIANT EGRESS SENSOR

PIR egress sensor with failsafe mode (lock releases when power to PIR sensor is interrupted).

SPECIFICATIONS

Input	12 or 24 VAC/DC @ 26mA Max.
Contact	2 SPDT Dry, 1 Amp @ 30VDC
Operating Temperature	-14° F to 120° F (-10° C to 49° C)
Dimensions	2.4" H x 7" W x 2" D
Weight	0.4 lbs

MODELS

MD-31DOW White PIR Egress Sensor

MD-31DB Black PIR Egress Sensor



Egress Controls

Egress Controls Accessories

10TD Mini Timer Module

Time Delay Relay

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.



SPECIFICATIONS

Input	12/24 VDC / VAC @ 50 mA
Trigger Input	N.O. Dry
Contact	SPDT Dry, 2 Amps @ 30VDC (Resistive)
Wire Leads	6", 20 Gauge"
Size	2-1/4" x 1-1/2" x 3/4"
Weight	0.2 lbs

FEATURES

- Adjustable 1-60 Seconds
- Compatible with All SDC Momentary Key and Exit Switches

MODELS

 **10TD** Mini Timer Module

Egress Controls



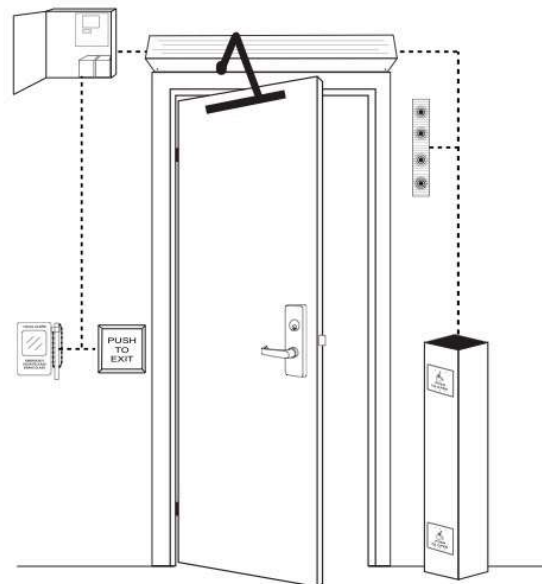


ADA Compliant Solutions



SDC introduces the expansion of their innovative product line-up to incorporate **ADA Compliant Solutions**.

Included are round and square Push Plates, as well as wall mount and full size Touch Panels. All types can be wireless or hardwired, bollard or wall mounted. Bollards can be surface or in-ground mounted to adapt to many different application solutions to meet accessibility guidelines.



Auto EntryControl™

Low Energy Swing Door Operator



SDC's Auto EntryControl™ Swinging Door Operator provides hands-free, low-power, point of entry door control with safe and reliable, electro-mechanical drive and slim-line design. The state-of-the-art microprocessor-based unit is self-tuning and self-learning while offering non-handed operation, full mechanical stops and a variety of interface options for sensors, push-plates, fire alarms and electrified locks.

FEATURES

Auto EntryControl's™ non-pivot drive and combination of belt, gear and pulley requires less torque, requires less power, absorbs more abuse, and is quieter than other automatic door openers while complying with all US and Canadian ADA requirements. On-board diagnostics simplifies troubleshooting for ease of installation and all AutoEntry Control's™ can be easily configured for surface mounted push/pull or overhead concealed applications.

- ADA Compliant
- Complies with ANSI A 156.19
- UL - Certified for use as fire door operators (3 hour rating)
- Self-Tuning, Self-Learning
- Minimum 5 seconds from close to open
- Stays open for 5 seconds
- Force: 15 lbs -6.8 kg
- Push or Pull (In door, Out swing)
- Activation: Knowing Act
- Optional Safety Device
- Power: 1A, 100W 24 VDC
- Non-Handed
- Extremely Quiet Operation

MODELS

 AUTO136V	PUSH Operator for 36" Door Opening, Alluminum	AUTO136X	PUSH Operator for 36" Door Opening, Dark Bronze Powder Coat
 AUTO236V	PULL Operator for 36" Door Opening, Alluminum	AUTO236X	PULL Operator for 36" Door Opening, Dark Bronze Powder Coat
AUTO336V	Operator for 36" Door Opening, (1) PULL arm, (1) PUSH arm, Alluminum	AUTO336X	Operator for 36" Door Opening, (1) PULL arm, (1) PUSH arm, Dark Bronze Powder Coat

Also available for 42" and 48" Door Openings as Single Operator - and 72", 84" and 96" Door Openings as Double Operator

CERTIFICATIONS

- ANSI/BHMA A156.19 certified Standard For Power Assist And Low Energy Power Operated Doors
- UL 325 Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems or use on fire and smoke check doors
- Meets ADA – Americans With Disabilities Act
- In compliance with FCC 47 CFR Part 15 Class B emissions requirements (USA)
- NFPA 101 – Life Safety Code.





FEATURES

Access Controls: The Auto EntryControl™ Low Energy Operator may be used with electric latch retraction exit devices, electric strikes, and other electric locking systems. A time delay function is built into the control system eliminating the need for supplemental relays or controls. See Typical Systems Applications on pages 206 and 207.



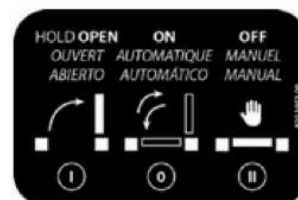
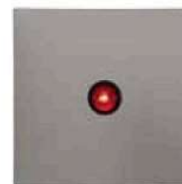
Activation: The Auto EntryControl™ Low Energy Operator can be activated with the press of a switch. Virtually any form of “knowing act” can be used to initiate the operator making integration with existing systems easier. For the full line of activation devices that SDC offers see page 211 on.

Push and Go Option: With the flip of a switch, the Auto EntryControl™ Low Energy Operator can be configured to activate and open based on a slight movement of the door. Utilizing this option eliminates the need for supplemental activation devices but does not preclude their use.

Hold-Open Timer: Upon receipt of an activation signal, the operator will power open the door from the closed position. The door may be held in the open position up to 30 seconds (compliance with ANSI/BHMA A156.19 requires the door to remain in the open position for a 5 second minimum). Additionally, a “hold-open” switch is provided to hold the door open for extended periods.

External Function Switches: The Auto EntryControl™ Low Energy Operator is equipped with external function switches providing basic controls.

- **Illuminated Power Switch:** Illuminated to be visible at night, the switch controls power to the operator motor. The Auto EntryControl™ Low Energy Operator functions as a manual closer with power off.
- **Mode Control Switch:** A three function switch is provided for control of the powered function of the operator. “Day” mode will engage the operator for normal powered operation with activation by push plate, “Push and Go”, or signal from other “knowing act” device. “Night” mode disables the operator for normal powered operation; however, the operator can be configured to receive activation signals from a secure activation device such as a card reader for secure activation, generally from one side. Switching to “Hold-Open” mode will power the operator opening the door, holding it open indefinitely.



Obstruction Detection: During the opening cycle an obstruction function effectively reduces the possibility of personal injury in accordance with A156.19. Additionally this feature prevents damage to door and/or surrounding structures. After a stall time-out, the door will close.

Power-Close Option: This switched feature can be used to control exterior openings that require additional closing force to resist interior stack pressures and wind conditions that do not allow the door to close properly. Use this feature to reduce heating and cooling loss and save energy and money.

Single Button, Self Tuning: The automatic setup button allows for easy setup.

Easy Installation: The motor assembly is removable and makes the back plate installation easy. It is achieved through the custom designed mounting plate, which allows the motor-logic assembly to be detached from the mounting plate. Once the mounting plate is secured to header of door, the motor-logic assembly is easily re-installed and secured into the mounting plate without any excess lifting, and therefore not requiring any additional help.

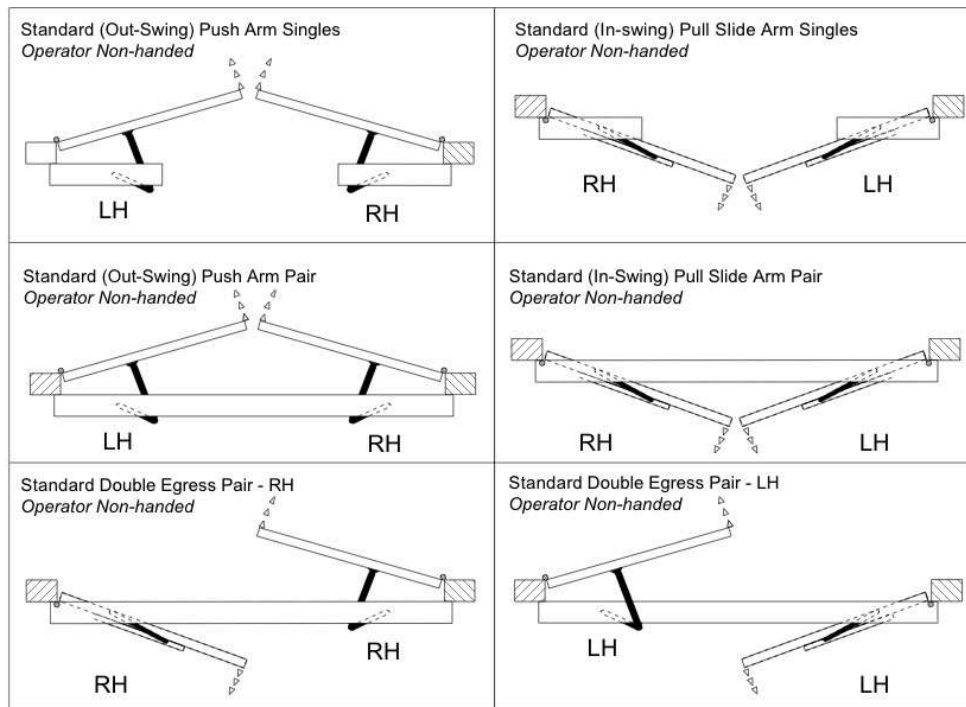


SPECIFICATIONS

Power Supply	115VAC @ 60Hz (+6%, -10%)	
Power Consumption	100W	
Current consumption	1A	
Motor	24 VDC Permanent Magnet with Belt Driven Encoder	
Header Dimension	4 1/2"H x 4 7/8"D	
Fused Protection	3.5A Fuse (F1 located on I/O Board)	
Weight	22 lbs per Operator Assembly	
Ambient Operating Temperature	-4 to 131°F	
Ingress Protection	IP23 - protection from spray water up to 60° from the vertical - i.e. Rainstorm	
Maximum Door Weight	PUSH Arm	PULL Arm
	36" Door: 438 lbs	342 lbs
	42" Door: 328 lbs	256 lbs
	48" Door: 254 lbs	198 lbs

24 VDC Accessory / Lock Power Supply	24 VDC / 500 mA Total
Adjustable Timers	Hold Open Time, Opening & Closing Speed
Standard Selector Switch Function	<ul style="list-style-type: none"> • Automatic • Hold Open • Manual (Off)
Standard Control Outputs	<ul style="list-style-type: none"> • Malfunction Alarm Signal • Electric Lock Power Supply • 24 VDC Accessory Power Supply • Door Status
Standard Control Inputs	<ul style="list-style-type: none"> • Interior Activation • Exterior Activation • Emergency Shutdown • Alarm Output • Safety Device Input
Maximum Degree of Opening	130°
Weight	32.2 lbs

DOUBLE DOOR CONFIGURATION



WARRANTY

Three years from the date of invoice

PACKAGE INCLUDES:

- Auto EntryOperator™ Low Energy Operator (Non-handed)
- Standard Arm (PUSH side) or Track Arm (PULL side)
- One Spindle (PUSH 20 mm, PULL 35mm)
- Technical manual
- Signs

ADA Compliant

PRODUCT SKU SAMPLE: **AUTO1 36 V**

 HOW TO ORDER **SINGLE** MODEL

1) SPECIFY MODEL

- AUTO1** PUSH Operator - includes 35 mm spindle, one motor assembly, PUSH arm
- AUTO2** PULL Operator - includes 20 mm spindle, one motor assembly, PULL arm
- AUTO3** PUSH & PULL Arms with 20 mm + 35 mm Spindles, one motor assembly

2) SPECIFY DOOR OPENING WIDTH

- 36** for 36" Door Opening
- 42** for 42" Door Opening
- 48** for 48" Door Opening



3) SPECIFY FINISH

- V** 628 Aluminum (standard)
- X** 710 Dark Anodized Aluminum

4) OPTIONAL ARM EXTENSION

- AUTO-AEV** Arm Extension for PUSH arm for reveal >8", 628 Aluminum
- AUTO-AEX** Arm Extension for PUSH arm for reveal >8", Bronze

5) OPTIONAL SPINDLES

- SP20** 20 mm Spindle
- SP35** 35 mm Spindle
- SP50** 50 mm Spindle
- SP80** 80 mm Spindle



PRODUCT SKU SAMPLE: **AUTO3 96 V**

 HOW TO ORDER **DOUBLE** MODEL (SPECIAL ORDER ONLY)

1) SPECIFY MODEL

- AUTO1** PUSH-PUSH Operator - includes 35 mm spindles, 2 motor assemblies, 2 PUSH arms
- AUTO2** PULL-PULL Operator - includes 20 mm spindles, 2 motor assemblies, 2 PULL arms
- AUTO3** DUAL EGRESS Operator with 20 mm + 80 mm Spindles, 2 motor assemblies, 1 DUAL EGRESS, 1 PULL arm

2) SPECIFY DOOR OPENING WIDTH

- 72** for 72" Door Opening
- 84** for 84" Door Opening
- 96** for 96" Door Opening



3) SPECIFY FINISH

- V** 628 Aluminum (standard)
- X** 710 Dark Anodized Aluminum

4) OPTIONAL ARM EXTENSION

- AUTO-AEV** Arm Extension for PUSH arm for reveal >8", 628 Aluminum
- AUTO-AEX** Arm Extension for PUSH arm for reveal >8", Bronze

5) OPTIONAL SPINDLES

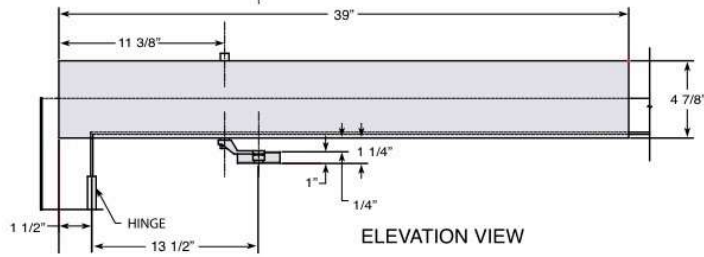
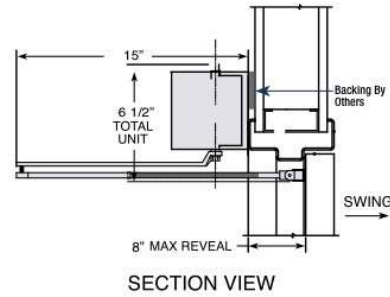
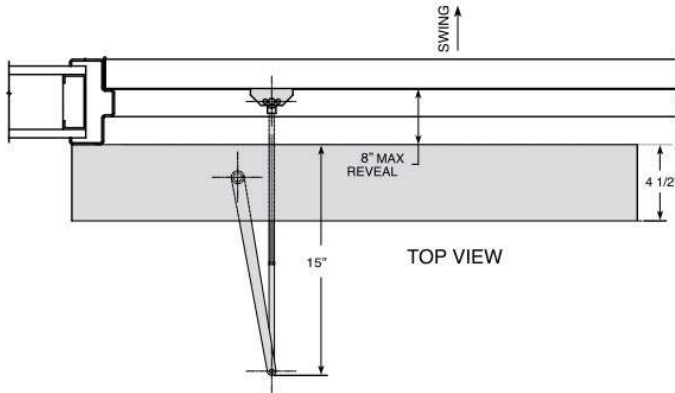
- SP20** 20 mm Spindle
- SP35** 35 mm Spindle
- SP50** 50 mm Spindle
- SP80** 80 mm Spindle



STANDARD APPLICATION

Auto 1

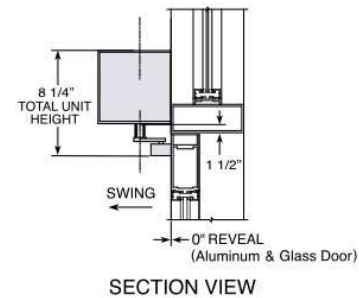
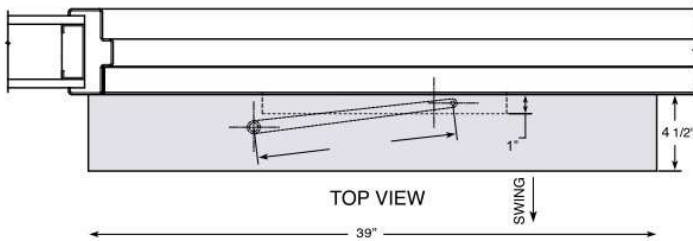
Standard Arm - PUSH Side



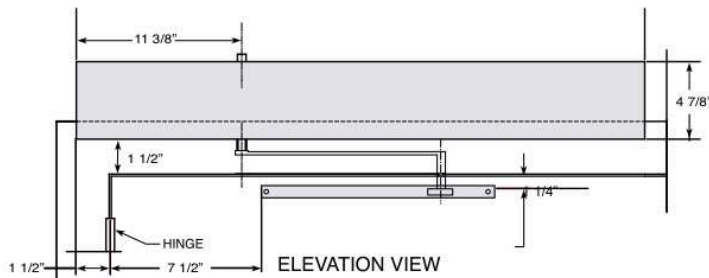
Hollow Metal Door Shown

Auto 2

Track Arm - PULL Side



Aluminum & Glass Door Shown



TYPICAL SYSTEM APPLICATION (SINGLE OPERATOR)

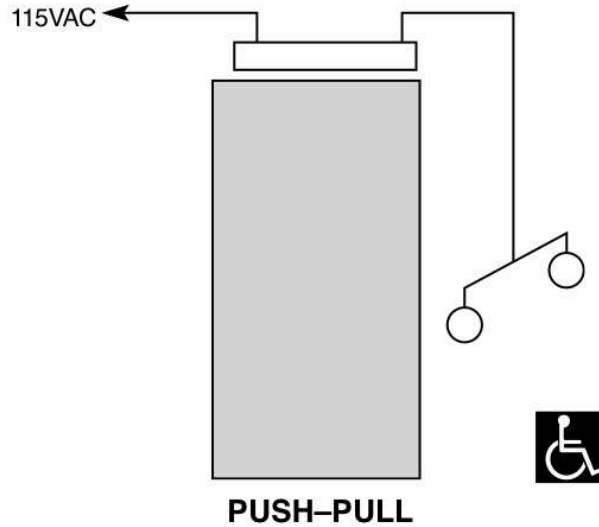
Auto EntryControl™ Low Energy Operator with PUSH-PULL

Operation: 115VAC

- Free ingress & egress using low energy operator or bypassing the operator and using door manually
- Door operator acts as standard door closer when entering or exiting manually

Material:

- Auto EntryControl™ Low Energy Operator
- 2 Door Actuators or Push and Go
- Local Power



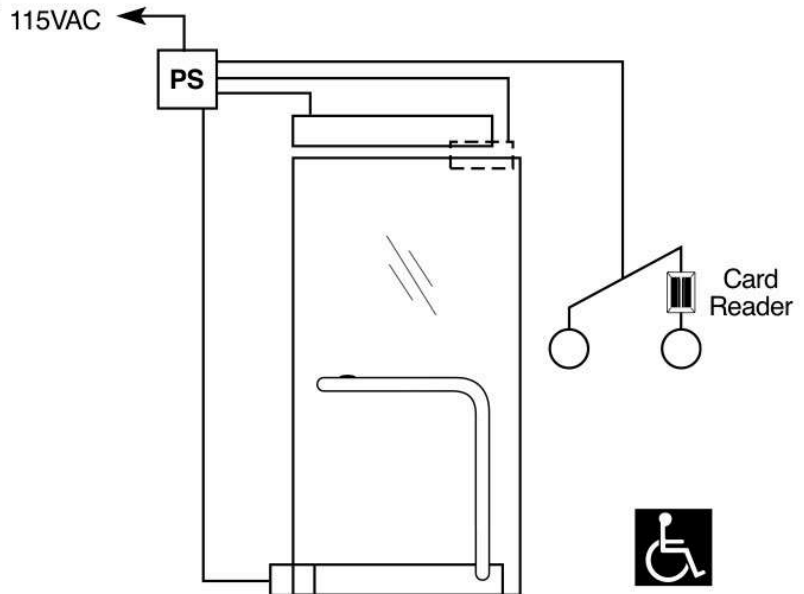
Auto EntryControl™ Low Energy Operator with Concealed Mag Lock for Glass Door Applications

Operation: 115VAC

- Free entry when security system is shunted or off
- Entry after hours by card reader, which unlocks & activates low energy operator
- Free egress at all times by touching push bar or using inside actuator, which de-energizes mag lock and activates low energy operator

Material:

- Auto EntryControl™ Low Energy Operator
- Electromagnetic Shear Lock and Power Supply (PS)
- Electrified Pivot
- Touch Bar Sensor PUSH-PULL set
- Card Reader
- SDC Actuators



ADA Compliant



TYPICAL SYSTEM APPLICATION (DOUBLE OPERATOR)

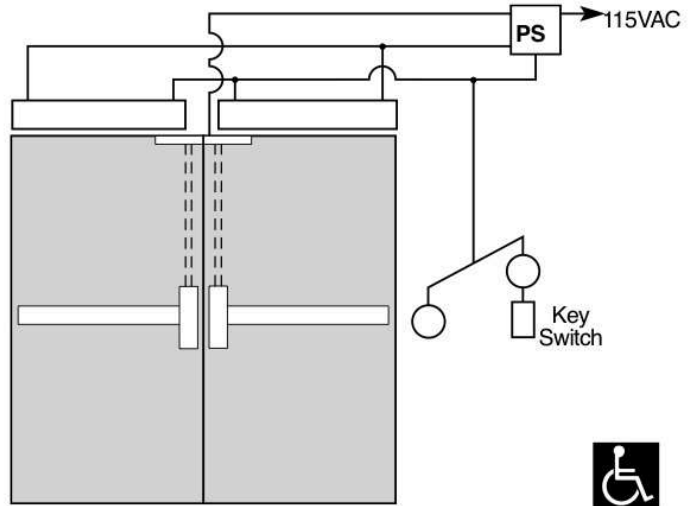
Auto EntryControl™ Low Energy Operator with Electric Strikes

Operation: 115VAC

- Doors are to be closed and latched
(Example: Fire Doors)
- Key switch shunts exterior actuator
(Example: After hours traffic control)
- When not shunted, actuators will signal electric strike power supply and activate auto operators
- From secure side, egress by manually pushing exit devices or using inside actuator to activate auto operators

Material:

- 2 Auto EntryControl™ Low Energy Operator
- 2 Vertical Rod Exit Devices
- Electric Strike & Power Supply (PS)
- Key Switch
- 2 Actuators



Electric Strikes

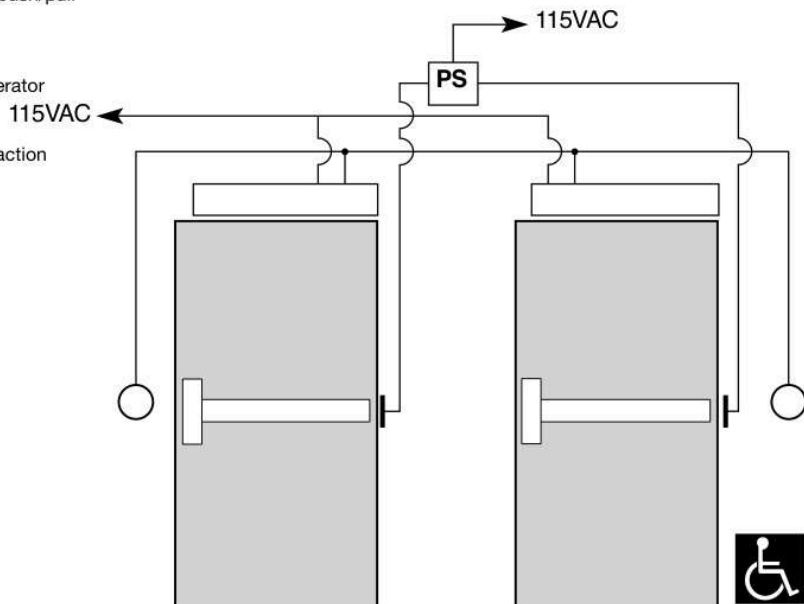
Auto EntryControl™ Low Energy Operator with Latch Retraction

Operation: 115VAC

- Doors are to be closed and latched at all times
- When activated, latch bolts are retracted and door(s) will automatically open
- Non-rated devices can be dogged for push/pull operation

Material:

- 2 Auto EntryControl™ Low Energy Operator
- 1 Power Supply
- 2 Electric Hinges
- 2 Exit Devices with Electric Latch Retraction
- 2 Actuators



Latch Retraction

ADA Compliant

AUTO ENTRYCONTROL ACCESSORIES

Auto-IR

Presence Sensor and Door Re-Activator



FEATURES

Auto EntryControl's™ Anti-Detect Accessory allows re-activation of door before contact is made during the closing cycle, protecting slow-moving people as well as people trailing behind. It reliably detects stationary as well as moving objects in the swing path of an automatic door. When using the Auto-Detect, mounted on the application side of the door, the need for an extended hold open time is eliminated, allowing the door to begin the close cycle after the minimum 5 second hold open time has elapsed.

- Exceeds ANSI 156.19 standards by offering a contactless experience
- Proven active infrared technology (distance measurement sensor using the principle of triangulation)
- Guarantees smooth and safe operation of a door intended to be used by the elderly and disabled people. Sensor is only active following a knowing activation such as pressing a wall switch
- Following a door activation, the Auto-Detect remains enabled to allow continued automatic non-contact re-activation capability should someone remain in the door opening while the door is open or while it is closing



MODELS

AUTO-IR36 Presence Sensor and Door Activator 36" **AUTO-IR48** Presence Sensor and Door Activator 48"

Auto-AE

PUSH Arm Extension for Revels Greater Than 8 Inches



MODELS

AUTO-AEX Arm Extension for PUSH arm - Aluminum **AUTO-AEV** Arm Extension for PUSH arm - Bronze

SP

Spindle for Auto EntryControl™ arm



MODELS

SP20 20 mm Spindle **SP50** 50 mm Spindle
SP35 35 mm Spindle **SP80** 80 mm Spindle

ADA Compliant Solutions

Push Plates and Bollards

For Handicap Access, Automatic Door
Activation & Request-to-Exit Applications.



 ADA Compliant

SPECIFICATIONS

Mounting Plate	Heavy Duty 1/8" Mounting Plate
Faceplate	Heavy 18 Gauge, 630/US32D Satin Stainless Steel Standard
Legends	Bold Debossing or Engraving with Black or Blue Infill
Contacts	SPDT or DPDT, 15 Amps @ 125/250VAC; UL 1054, CSA Listed
Depth	Narrow & Single 1 Gang - SPDT-7/8" deep DPDT-1-3/8" deep 4-1/2", & 6" Square/ Round SPDT-3/4" deep DPDT-1-5/32 deep

 = Can be used with wireless transmitter and receiver

FEATURES

- Door Opener Activation
- Access Control Request-to-Exit (RTE)
- Automatic Door Activation
- Door Sequencer Activation





Dual Switch Bollard Post



High-Low CBC compliant Bollard with Switch Plates Combo

Alternative to wall mounted access control or switches for entry doors. Bollard post provide visibility and meet accessibility guidelines. Practical solution for surface mount and California Building Code compliance.

FEATURES

- CBC Section 11B 404.3 code compliant bollard and switch plates
- Black HDPE mortised removable cap with secure transmitter mount (wireless transmitter optional and sold separate)
- Two 4-1/2" 'Push to Open' blue infill push plates, located at 7" and 36" centerline from floor
- 6" square post with 1/8" walls
- Surface mount (42")

MODELS

- | | | |
|---|------------------|--|
|  | CBC482A4U | 42" surface mount, 6" square post, with high and low 4-1/2" SPDT switch plates |
|  | CBC484A4U | 42" surface mount, 6" square post, with high and low 4-1/2" DPDT switch plates |





Bollard Post for Push Plate or Touch Panel

Alternative to wall mounted access control or switches for entry doors. Bollard post provide visibility and meet accessibility guidelines. Practical solution for surface mount or in-ground installation. Push Plate Switch and Touchpanel ordered separately.

FEATURES

- For use with Push Plates, Touch Panel Columns & Exit Switches (sold separately)
- 6" Square with 1/8" Walls
- Black HDPE Mortised Removable Cap with Secure Transmitter Mount (wireless transmitter optional and sold separate)
- Standard Single Gang Prep Located at 36" from Finished Floor
- Surface Mount (42") or In-Ground Mount (54")
- Weight 11.0 lbs

MODELS

- **BPS6** 42" Surface Mount, 6" Square Post
- **BPG6** 54" In-Ground, 6" Square Post



S and D prep
(shown with
4-1/2" Push Plate Switch -
sold separately)



P prep
(shown with
36" Touch Panel - sold
separately)

ADA Compliant



PRODUCT SKU SAMPLE: **BPG6 D V 484A4U 400W1-433 400RC433**



HOW TO ORDER

1| SPECIFY MODEL

- BPS6** 42" Surface Mount, 6" Square Post
- BPG6** 54" In-Ground, 6" Square Post

2| SPECIFY PREP

- S** 1-gang prep
- D** 2-gang prep
- P** Touch Panel prep
- A** Narrow Mullion prep

3| SPECIFY FINISH

- V** 628 Aluminum (standard)
- X** 710 Dark Anodized Aluminum

4| SPECIFY PUSH PLATE OR COLUMN (SOLD SEPARATELY)

- 48204U** Push Plate Switch 4-1/2 square, Push to Open, Black Infill, SPDT
- 482A4U** Push Plate Switch 4-1/2 square, ☯ Push to Open, Blue Infill, SPDT
- 48404U** Push Plate Switch 4-1/2 square, Push to Open, Black Infill, DPDT
- 484A4U** Push Plate Switch 4-1/2 square, ☯ Push to Open, Blue Infill, DPDT
- 482AA36** Touchpanel 36", ☯ Push to Open, Blue Infill, SPDT
- 484AA36** Touchpanel 36", ☯ Push to Open, Blue Infill, DPDT

5| SPECIFY WIRELESS TRANSMITTER (OPTIONAL - SOLD SEPARATELY)

- 400W1-433** 433MHz Micro Transmitter
- 400RC433** 433MHz One Channel Receiver

ADA Compliant



480 Series Push Plates Switches

Wireless and Hardwired



 1-11/16" NARROW MULLION PUSH PLATE SWITCH RECESSED, SURFACE BOX OR BOLLARD MOUNT



 2 3/4" X 4 1/2" SINGLE (1) GANG PUSH PLATE SWITCH


FEATURES

- Designed to Flush-Mount Directly into Narrow Jamb
- Requires Narrow Mullion Prep
- Depth: SPDT - 7/8"; DPDT - 1-3/8"
- Weight 0.6 lbs





FEATURES

- Pressing Any Part of the Push Plate (2 3/4" x 4 1/2") Causes Switch Actuation
- Recessed Surface Box or Bollard Mount
- Depth: SPDT - 7/8" Deep; DPDT - 1-3/8" Deep
- Weight 0.6 lbs

MODELS

- 48201U** Push to Open, Black Infill, SPDT
- 482A1U**  Push to Open, Blue Infill, SPDT
- 48401U** Push to Open, Black Infill, DPDT
- 484A1U**  Push to Open, Blue Infill, DPDT

MODELS


-  **48202U** Push to Open, Black Infill, SPDT
-  **482A2U**  Push to Open, Blue Infill, SPDT
- 48402U** Push to Open, Black Infill, DPDT
- 484A2U**  Push to Open, Blue Infill, DPDT

ACCESSORIES

- 400-1B** Narrow Mullion Surface Box, ABS
1-3/4" x 4-9/16" x 1-3/4" H



ACCESSORIES

-  **480-2SB** Surface mount box, ABS
2 3/4" x 4 1/2" x 1 5/8" H



ADA Compliant



 4 1/2" X 4 1/2" SQUARE PUSH PLATE SWITCHES



 6" X 6" SQUARE PUSH PLATE SWITCH




 FEATURES

- Pressing Any Part of the Push Plates 4 1/2" x 4 1/2" Active Area Causes Switch Actuation
- 1 Gang or 2 Gang Recessed or Surface Box Mount
- Depth: SPDT 3/4" Deep; DPDT 1-5/32" Deep
- Weight 0.7 lbs


 FEATURES

- Pressing Any Part of the Push Plates (6" x 6" Active Area Causes Switch Actuation)
- 1 Gang or 2 Gang Recessed or Surface Box Mount
- Depth: SPDT 3/4" Deep; DPDT 1-5/32" Deep
- Weight 0.75 lbs




 MODELS

-  **482O4U** Push to Open, Black Infill, SPDT
-  **482A4U**  Push to Open, Blue Infill, SPDT
- 484O4U** Push to Open, Black Infill, DPDT
- 484A4U**  Push to Open, Blue Infill, DPDT

 MODELS

- 482O6U** Push to Open, Black Infill, SPDT
- 482A6U**  Push to Open, Blue Infill, SPDT
- 484O6U** Push to Open, Black Infill, DPDT
- 484A6U**  Push to Open, Blue Infill, DPDT

 ACCESSORIES

-  **480-4FB** Square Flush Recessed Box, 1-gang, 6 3/4" x 6 3/4" x 2-1/8" H
-  **480-4SBB** Surface Mount Box, 4-5/8" x 4-5/8" x 1-3/4" H with Battery Compartment for Wireless
-  **480-4SB** Surface Mount Box, 5-1/2" x 5-1/2" x 2-1/8" H
- 480-4SE** 3-Sided Stainless Shroud for Exterior Applications, 4-11/16" x 4-7/8" x 1/2"



 ACCESSORIES

- 480-6SBB** Surface mount box, 2-gang Battery Compartment, 4-5/8" x 4-5/8" x 1-3/4" H





 4 1/2" ROUND PUSH PLATE SWITCH



 6" ROUND PUSH PLATE SWITCH

 **FEATURES**

- Pressing Any Part of the Push Plates
4 1/2" Active Area Causes Switch Actuation
- 1 Gang or 2 Gang Recessed or Surface Box Mount
- Depth: SPDT 7/8" Deep; DPDT 1-3/8" Deep
- Weight 0.6 lbs

 **FEATURES**

- Pressing Any Part of the Push Plates
6" Active Area Causes Switch Actuation
- 1 Gang or 2 Gang Recessed or Surface Box Mount
- Depth: SPDT 7/8" Deep; DPDT 1-3/8" Deep
- Weight 1.0 lbs

 **MODELS**

- 482O4RU** Push to Open, Black Infill, SPDT
- 482A4RU**  Push to Open, Blue Infill, SPDT
- 484O4RU** Push to Open, Black Infill, DPDT
- 484A4RU**  Push to Open, Blue Infill, DPDT

 **MODELS**

- 482O6RU** Push to Open, Black Infill, SPDT
- 482A6RU**  Push to Open, Blue Infill, SPDT
- 484O6RU** Push to Open, Black Infill, DPDT
- 484A6RU**  Push to Open, Blue Infill, DPDT

 **ACCESSORIES**

- 480-4RSB** Surface Box, 5" Dia., 2 1/8" H
- 480-4RG** 4" Round Gasket
- 480-4RFB** Recessed Mount Box, 5 7/8" Overall Diameter with Trim Ring
- 480-4RRB** Surface Escutcheon, 7 7/8" Dia., 1-9/16" Overall Height



 **ACCESSORIES**

- 480-6RSB** Surface Box Round, 6 7/16" Dia., 2 1/8" H
- 480-6RG** 6" Round Gasket
- 480-6RFB** Recessed Flush Escutcheon, 7 3/4" Overall Diameter with Trim Ring



ADA Compliant



9" X 6" INGRESS R.E.X TOUCH PANEL COLUMN



36" X 6" INGRESS R.E.X TOUCH PANEL COLUMN

FEATURES

- Surface Wall Mount or Bollard Mount
- Sleek Architectural Profile
- No Square Edges to Snag, Wide Sloping Sides Deflects Impact Movement Naturally to Activate Column
- Deflects Impact from Wheeled Carts and Conveyances

- Impact & Vandal Resistant Design, Inhibits Prying and Tampering
- Weather Resistant, No Gaps for Water or Ice Penetration
- Choice of SPDT or DPDT
15 Amps @ 125/250VAC

SPECIFICATIONS

Actuation Area	Fully Active 22-1/2 Sq. Inch
Centerline Mounting Height	Recommended 34" to 48"
Material	Sturdy 1/8" Extrusion with Architectural Finish
Overall Size	9" H x 6" W x 1-1/2" D
Active Area	9" H x 2-1/2" W

SPECIFICATIONS

Actuation Area	Fully Active 90 Sq. Inch
Mounting Height	Recommended 3" from Floor
Material	Sturdy 1/8" Extrusion with Architectural Finish
Overall Size	36" H x 6" W x 1-1/2" D
Active Area	36" H x 2-1/2" W

PRODUCT SKU SAMPLE: 482AA9 V

MODELS

482AA9 Push to Open, Blue Infill, SPDT

484AA9 Push to Open, Blue Infill, DPDT

2 | SPECIFY FINISH

V 628 Aluminum (standard)

X 710 Dark Anodized Aluminum

PRODUCT SKU SAMPLE: 482AA36 V

MODELS

482AA36 Push to Open, Blue Infill, SPDT

484AA36 Push to Open, Blue Infill, DPDT

2 | SPECIFY FINISH

V 628 Aluminum (standard)

X 710 Dark Anodized Aluminum

= can be used with wireless transmitter and receiver



400 Series Wireless Transmitter & Receiver



**433MHz 1 Channel
Micro Transmitter**

For Remote Control Versatility for Touch Panel Column and Push Plate Switches. 75 foot wireless range. less barriers.

FEATURES

- Requires a Non-Metallic Surface Box or Standard Bollard Cap (non-metallic)
- Pre-Wired for Quick Installation
- Antenna Magnifies Signal
- Works with 400RC433

MODELS

400W1-433 433MHz Micro Transmitter

SPECIFICATIONS

Voltage Input	9V Battery (included)
Trigger Input	Momentary, N.O.Dry Contact
Temperature	-20°F – 100°F
Dimensions	1-9/64" x 15/16" x 7/32"



**433MHz 1 Channel
Nano Receiver**

Designed to control automatic door or electrified locking hardware with code-hopping technology for increased security.

FEATURES

- Designed to Control Automatic Closing and Anti-Burgular Systems
- Works with 400W1-433

MODELS

400RC433 433MHz One Channel Receiver

SPECIFICATIONS

Carrier Frequency	433.92 MHz
Power Supply	12/24 VAC/DC (Jumper select)
Relay Numbers	1
Contacts	C-NO
Temperature	-4°F – 158°F
Dimensions	1-1/4" x2" x 3/4" Deep



ADA Compliant



491 Emergency Door Release

Break Glass Emergency Exit

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.



FEATURES

- Aluminum rod Blue housing with easy to read activation instructions avoids confusion with red fire alarm stations.
- The SDC 491 may initiate the release of an individual door or all doors on the same circuit.
- The SDC 491 may be mounted in a 2" deep single gang back box or double gang box with plaster ring cover. The SDC 491 may be surface mounted with a 491-BB surface mount back box.

ACCESSORIES

- **491-GL4** Four Replacement Glass Plates
- **491-BB** Blue Surface Mount Back Box
Dimensions: 5.25" H x 3.25" W x 1.5" D



SPECIFICATIONS

Contacts	2-SPDT 10 Amp Contacts; 1-SPDT for lock release and 1-SPDT auxiliary contact for remote monitoring, CCTV activation or alarm activation
Aluminum Rod	For striking the glass is included. (Not required to break the glass)
Replacement Glass Plates	2 Replacement glass plates included
Dimensions	5.5" H x 3.5" W x 1.375" D
Weight	1.4 lbs

MODEL

- **491** Break Glass Emergency Door Release with Siren 3V-28VDC, 18mA
(2 replacement glass pieces included)



CSFM Listed





492 Emergency Door Release

Pull Station Emergency Exit

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.



FEATURES

- Blue housing with easy to read activation instructions avoids confusion with red fire alarm stations.
- The SDC 492 may initiate the release of an individual door or all doors on the same circuit.
- The SDC 492 may be mounted in a 2" deep single gang back box or double gang box with plaster ring cover. The SDC 492 may be surface mounted with a 492-BB surface mount back box.

ACCESSORIES

492-GL4 Four Replacement Glass Rods

492-BB Blue Surface Mount Back Box
Dimensions: 4.750" H x 3.125" W x 1.625" D



SPECIFICATIONS

Contacts	2-SPDT 10 Amp Contacts; 1-SPDT for lock release and 1-SPDT auxiliary contact for remote monitoring, CCTV activation or alarm activation
Replacement Glass Rods	2 Replacement glass rods included
Dimensions	4.75" H x 3.25" W x 1.375" D
Weight	1.1 lbs

MODELS

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





CB Common Bath Control

Communicating Bathroom Switch



CB400-A



CB400-B

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.

FEATURES

- Provides Emergency Access by Facility Staff
- Both Doors Unlock when Signaled by the Fire Life Safety System

SPECIFICATIONS

Bathroom Switch Finish	630 Stainless Steel
Emergency Access Switch	Red, 2 Required
Emergency Key Switch	Red
Weight	1.4 lbs

MODELS

FOR COMMUNICATING BATHROOM SYSTEMS WITH EMLOCK® APPLICATION

CB401-AU Communicating Bath Switch

CB401-B Emergency Access Switch, Red
2 Required

CB701-B Emergency Key Switch, Red
(Mortise cylinder not included)

FOR COMMUNICATING BATHROOM SYSTEMS WITH ELECTRIFIED LOCKSETS, HITOWER®, OR STRIKE APPLICATION

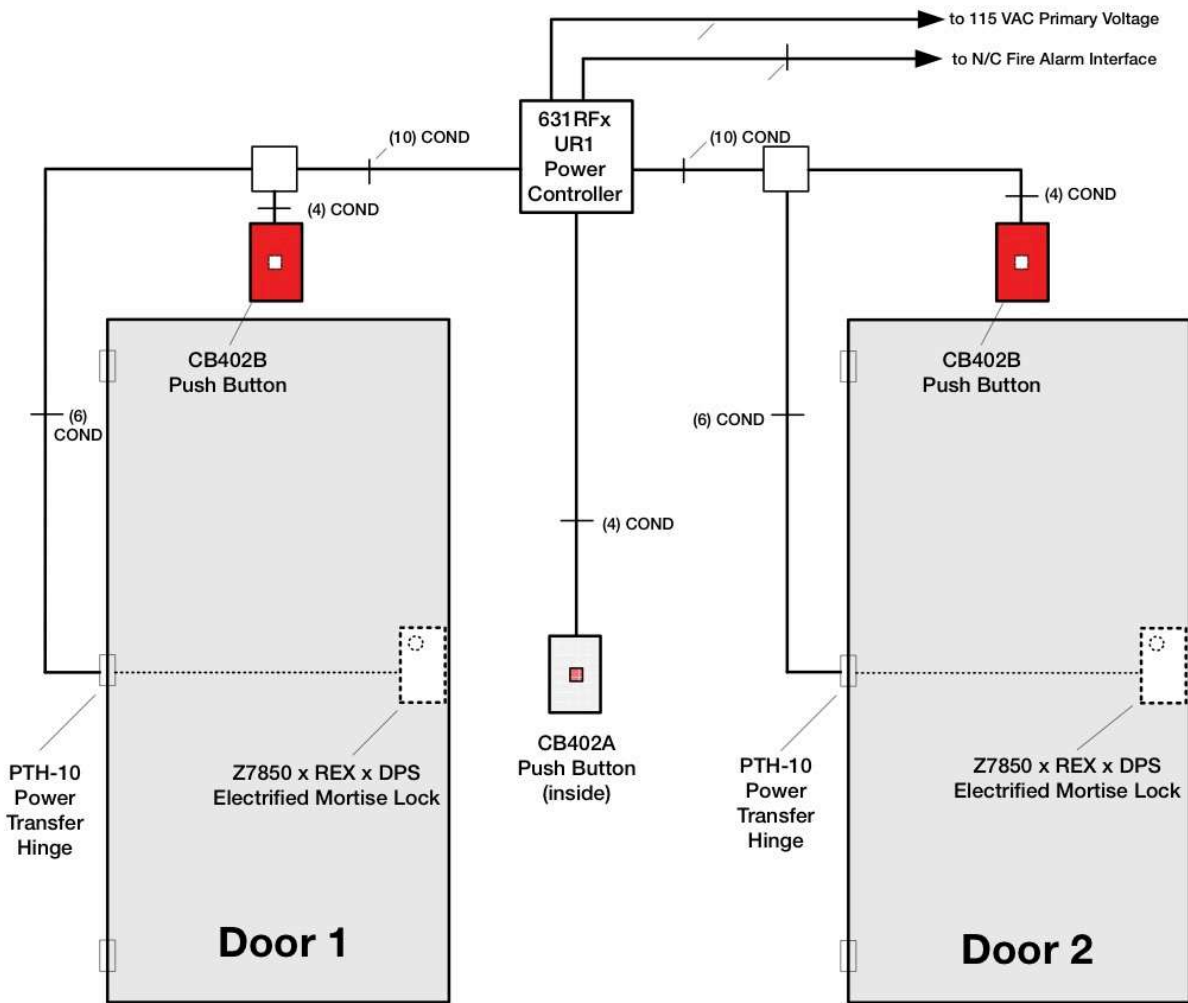
CB402-AU Communicating Bath Switch, 630
Stainless Steel Finish

CB402-B Emergency Access Switch, Red
2 Required



APPLICATION

ADA Compliant



Z7850 x REX x DPS
Electrified Mortise Lock
see page 81



PTH Power Transfer Hinge
see page 229

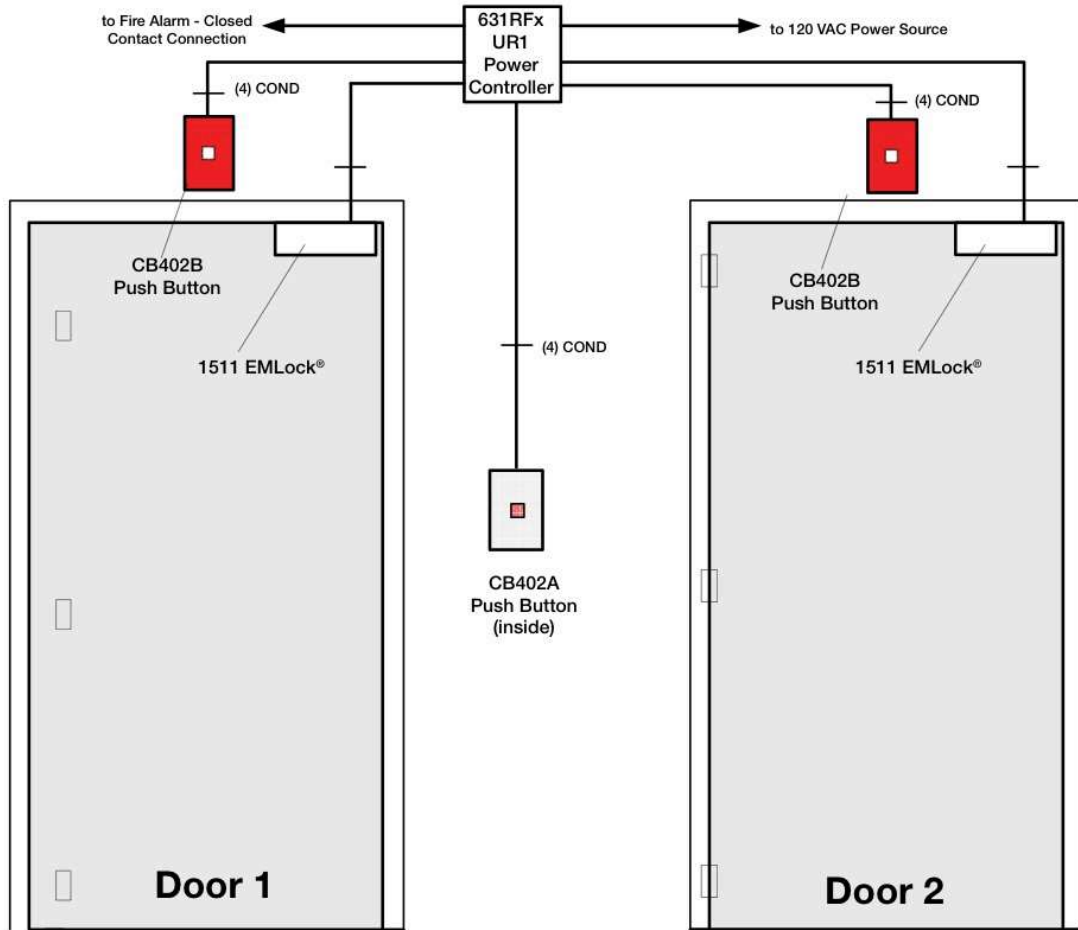


UR1 Universal Field Programmable Application Module
see page 253



631RF 1.5 Amp, 12/24 VDC Class 2 Output Power Supply
see page 241

APPLICATION



1511 EMLock®
see page 10



UR1 Universal Field Programmable Application Module
see page 253



631RF 1.5 Amp, 12/24 VDC Class 2 Output Power Supply
see page 241

ADA Compliant

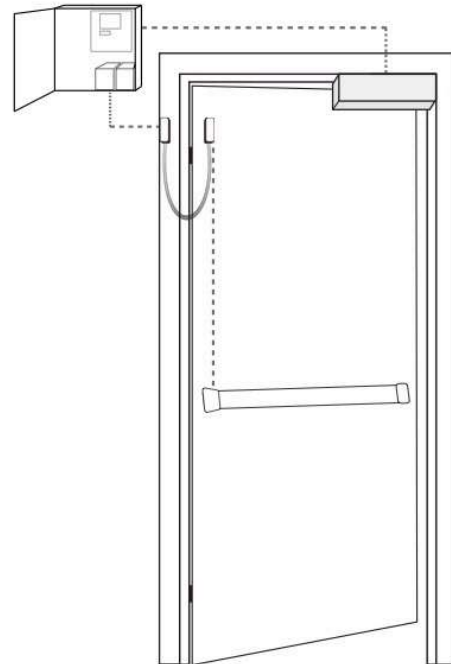


Power Transfer Devices

4 Power Transfer Devices

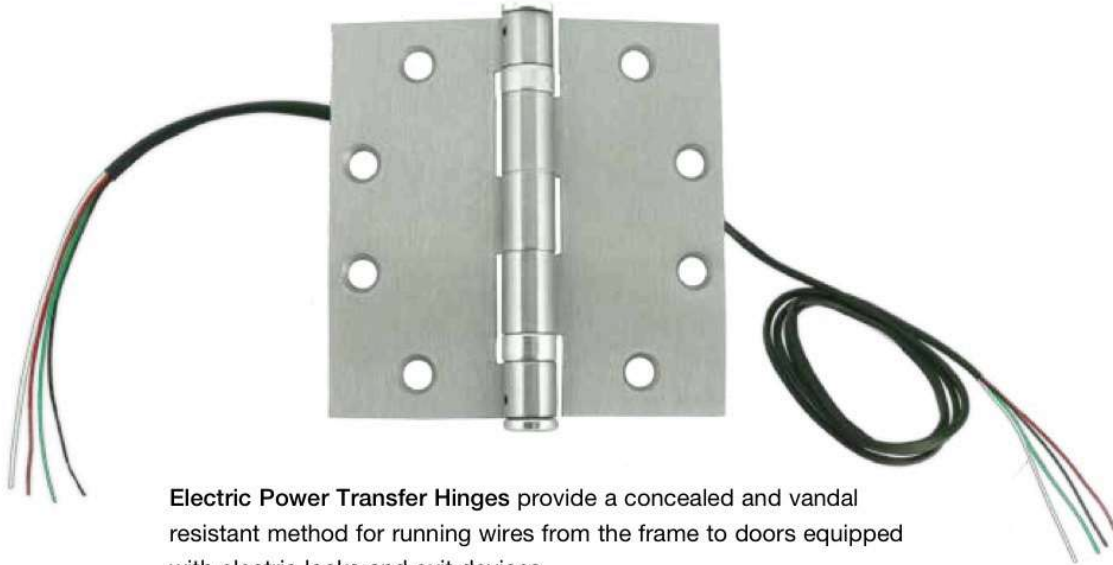
From frame to door, SDC's power transfer devices provide secure, concealed or vandal-resistant means to transfer power and monitoring signals to doors equipped with electric locks and devices. SDC offers a range of proven power transfer devices including concealed mortise devices, wired door transfer hinges and mortise power transfer devices – all UL listed for 3 Hr Fire Rated Doors.

- **PTH** - Power Transfer Hinge with 4, 6 or 10 Wires
- **PTM** - Concealed Heavy Duty Power Transfer with 2 or 10 Wires
- **PT-5** - Concealed Mortise Mounted to Transfer Loop
- **PT-2 & PT-3** - Surface Mounted Power Transfer Loops



PTH

Power Transfer Hinge



Electric Power Transfer Hinges provide a concealed and vandal resistant method for running wires from the frame to doors equipped with electric locks and exit devices.

FEATURES

- UL 10B Listed for 3Hr fire rated doors
- 800,000 cycles. 8 Times UL Test Criteria
- Wire Replacement Warranty
- Standard Weight, 5 Knuckle Hinge

SPECIFICATIONS*

Finish	626 Dull Chrome (standard)
Standard Size	4-1/2" x 4-1/2"
Cable	5' (standard)
Weight	1.2 lbs

* Contact SDC factory for special order sizes or heavy weight hinges

MODELS

- PTH-4** Four (4) Conductor Power Transfer Hinge, (4x) 26 AWG
- PTH-10** Ten (10) Conductor Power Transfer Hinge, (10x) 28 AWG
- PTH-2+4** 16 Amp Inrush, 6 Conductor Power Transfer Hinge, (2x) 18 AWG + (4x) 28 AWG



APPLICATION

Installed in the center hinge position of the door, PTH Power Transfer Hinges provide the concealed wires required between the door and the frame, for the purpose of powering and monitoring electric door hardware.

- Electric Lock Power and Control
- Door and Lock Status Signaling
- Request-to-Exit Signaling

Compatible with:

- Electrified Mortise Locks
- Electrified Cylindrical Locks
- Delayed Egress Exit Devices
- Electric Trim
- Electric Strikes in Pair of Doors

In addition to compatibility with other manufacturers electric hardware products, the PTH power transfer hinge may be used with the following SDC products.

- Electrified Mortise Locksets 7800 Series
- Electrified Cylindrical Locksets Z7200 Series
- Delayed Egress Exit Devices S6000 Series
- Request-to-Exit Bars PSB560 Series, MSB550 Series

PRODUCT SKU SAMPLE: **PTH-10 Q DPS**

HOW TO ORDER

1| SPECIFY MODEL

- PTH-4** Four (4) Conductor Power Transfer Hinge: 1 Amp @ 12/24V per pair, (4x) 26 AWG
- PTH-10** Ten (10) Conductor Power Transfer Hinge: 1 Amp @ 12/24V per pair, (10x) 28 AWG
- PTH-2+4** 16 Amp Inrush, 6 Conductor Power Transfer Hinge: 1-pair 16 Amp Inrush, 4 Amp Continuous; 2-Pair 1 Amp @ 12/24V, (2x) 18 AWG + (4x) 28 AWG

2| SPECIFY FINISH

- Q** 626 Dull Chrome (standard)
- C** 605 Bright Brass
- H** 613 Oil Rubbed Bronze
- P** 625 Bright Chrome

3| SPECIFY OPTIONS (OPTIONAL)

- DPS** Concealed Door Position Switch SPDT, 250mA @ 30VDC



Power Transfer Devices

PTM

Electric Power Transfer Device





SDC's heavy duty **Electric Power Transfer Device** provides a concealed and secure means of transferring electric lock and exit device power and signal wires from the frame to the door. Completely concealed when the door is closed the PTM Electric Power Transfer Device is ideal for heavy traffic and applications requiring higher security to inhibit tampering and abuse.

FEATURES

- Power control input for electric locks and exit devices, locked, latched, mantrap, forced entry, open status signal wiring
- Mortise door and frame installation. The PTM is completely concealed when the door is closed.
- All metal design with stainless steel tubular wire transfer and heavy cast housing with steel back boxes provide weather and tamper resistance when door is open or closed.
- Fasteners for wood, steel and aluminum doors and frames included
- UL Listed Miscellaneous Fire Door Accessories:
 - UL 10C Listed for up to 3 Hr Fire Rated doors and frames
 - Classified according to Uniform Building Code (UBC) Standard 7-2, "Fire Test of Door Assemblies" (1997)

MODELS

 PTM-2AL	Two Conductor Power Transfer Device, US28 Equivalent, Aluminum Powder Coat
PTM-2BZ	Two Conductor Power Transfer Device, US10B Equivalent, Aluminum Powder Coat
 PTM-10AL	Ten Conductor Power Transfer Device, US28 Equivalent, Dark Brown Powder Coat
PTM-10BZ	Ten Conductor Power Transfer Device, US10B Equivalent, Dark Brown Powder Coat

SPECIFICATIONS

Wiring	2- Conductor Models (PTM-2AL, PTM-2BZ) Two (2) 18 gauge Wires
Construction	10 Conductor Models (PTM-10AL, PTM-10BZ) Ten (10) 24 gauge Wires
Voltage	2- Conductor Models (PTM-2AL, PTM-2BZ) 5 Amp @ 12/24 V AC/DC 10 Conductor Models (PTM-10AL, PTM-10BZ) 1 Amp @ 12/24 V AC/DC
Weight	2.0 lbs



MANUFACTURER CROSS REFERENCE		
SDC*	Von Duprin*	Securitron*
PTM-2	EPT2	CEPT-2
PTM-10	EPT10	CEPT-10

* Brand names are trademarks or registered trademarks of their respective companies.

PT5

Mortise Mount Power Transfer Loop

Concealed Mortise Mount Power Transfer Loops provide a means of running wires from the frame to doors equipped with electric locks and exit devices.



FEATURES

- SDC Heavy Duty Power Transfer Device
- Concealed Mortise Mount
- UL Listed Miscellaneous Fire Door Accessory, UL 10C Positive Pressure Compliant and UBC 7-2 Fire Test for Door Assemblies Compliant

APPLICATION

Recommended for Use with Hollow Metal and Aluminum Frames.

MODELS

PT-5 Concealed Mortise Mount Power Transfer Loop

SPECIFICATIONS

Dust Box

Frame mortised steel dust box with flexible steel loop (0.35 I.D.) and chrome finish. Recommended for use with hollow metal frames

Dimensions 11.5"H x 1"W x 0.75"D

Weight 0.6 lbs

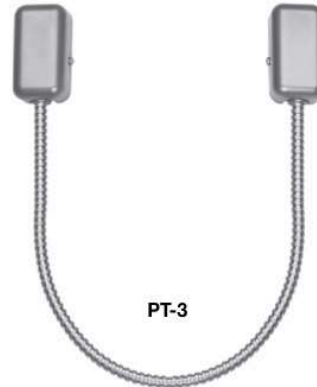


Power Transfer Devices

PT2 / PT3

Power Transfer Loops

Surface Mount Power Transfer Loops provide a means of running wires from the frame to doors equipped with electric locks and exit devices.



FEATURES

- Stainless Steel Armored Flex Conduit with End Caps or Termination Box. Recommended for Use with Hollow Metal and Aluminum Frames.

APPLICATION

Recommended for Use with Hollow Metal and Aluminum Frames.

MODELS	
PT-2U	Power Transfer Loop with Black End Caps
PT-3V	Power Transfer Loop with Aluminum Wire Termination Box

SPECIFICATIONS

Construction	Stainless Steel
End Caps	PT-2 Plastic; PT-3 Aluminum Box
Length of Conduit	18", 1/4" I.D.
Weight	0.6 lbs



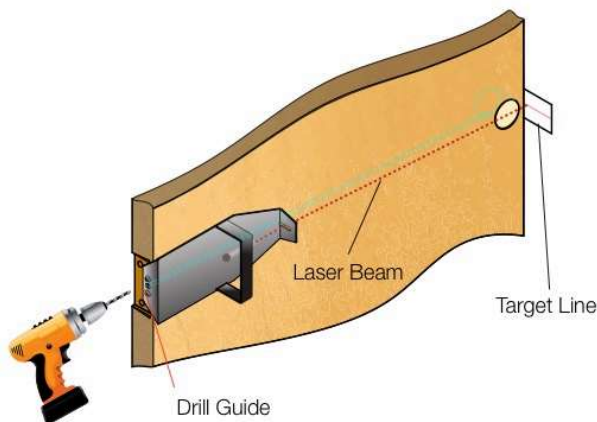
Power Transfer Devices

ACCESSORIES

LASER GUIDED DRILL FIXTURE KIT



Pilot Drill Guide



Laser Beam

Target Line

Drill Guide



Extra Long 1 Ft. Flute



The 7000-DGK Kit includes:

- Laser Guided Door Core Raceway Fixture
- 1/4" x 6" Pilot Drill Bit
- 3/8" x 50" Door Raceway Drill Bit
Custom designed evacuator drill bit, tool sharpened with 1' extra long flutes
- Fiberglass Wire Running Kit:
 - Flexible acrylic end connection
 - Brass hook end for pulling
 - Brass eye end for pushing
- Door Wedge
- Kit Carry Case
- Weight 10.0 lbs

FEATURES

The SDC laser guided door core drill assembly provides an economical method of wire preparation for particle filled or solid wood doors to accommodate the installation of electrified locksets, exit devices and hinges

MODELS

-  **7000-DGK** Door Core Drill Guide Kit
-  **7000-DB3/8** 3/8" x 4 Ft. Drill Bit Replacement



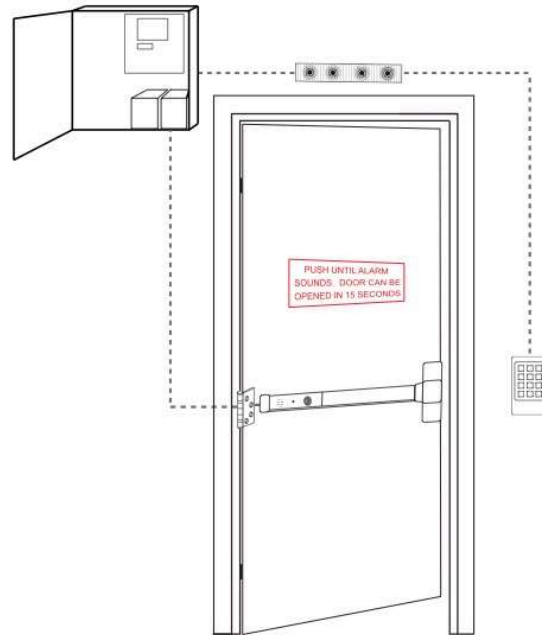


Power Supply & Door Controllers



SDC Access Control Power Supplies have been developed specifically to support access controls and electric locking hardware with clean, consistent power. Combined with SDC's door controllers, there's a convenient and reliable way to wire, set dip switches, and install reliable power for virtually any door control application. The circuitry design is ideal for the inductive loads generated by access control hardware for high performance and longevity. The modular design is built around several different control modules to meet the most demanding component interface and control logic requirements.

UL Listed filtered and regulated DC power, control logic, component interface, alarm interface and battery back up modules meet the demanding requirements of requirements for single and multiple access controlled openings.



5 Power Supply & Door Controls

602RF Series 1 Amp Modular Access Control Power Supply

All SDC power supplies are equipped with a high performance transformer and highly reliable electronic components. Filtering and output voltage regulation provide protection and ensure the longevity of all system components. With the addition of SDC programmable controllers or relay modules, the user-friendly modular designs ensure versatility, interface capability and easy installation of electric locking devices, access controls and related safety equipment.



602RF*

FEATURES

- Fire/Life Safety**
 A fire alarm input provides simultaneous release of all fail safe locks and door holders in case of an emergency.
- Door Control Modules**
 SDC relay modules may be incorporated in the power supplies to meet virtually any application requirement, for single or multiple door control.
- Input AND Output Protection**
 The AC input voltage is circuit breaker protected and the secondary output is PTC protected.
- System Status**
 LED status indicators provide information regarding the AC input, DC output, and battery back up status. Outputs for remote annunciation are available.
- Low Battery Disconnect**
 Batteries are disconnected from the output circuit prior to deep discharge preventing battery destruction.
- Battery Charging Output**
 A separate PTC protected charging output provides 13.5 or 27 volts to fully charge the batteries. The secondary output is always precisely maintained at 12 or 24VDC to protect locking devices and components from over voltage while the batteries are charging. The specified secondary output current is also maintained while batteries are charging. De-rating of the secondary output current is not required when charging batteries.
- Class 2 Outputs**
 To simplify installations that do not require conduit, a Class 2 output is standard and a 6-foot power cord is optional for the 115VAC input where permitted by code.
- Modular Design**
 Door control relay modules are available to meet virtually any application need. All wiring for lock hardware, access controls remote control and monitoring is terminated at one central location. Installation and troubleshooting is simplified. Modules may be factory installed or ordered separately for field installation as needed. All modules are individually fused for protection of multiple station systems.



602RFL



MODELS



602RFL Power Supply (less cabinet)



602RF Power Supply,
plus 12" W x 12" H x 3.75" D Cabinet

602RFA Power Supply,
plus 16" W x 14" H x 6.5" D Cabinet



* shown with optional batteries

SDC SDC SECURITY DOOR CONTROLS ■ WWW.SDCSECURITY.COM

239

SPECIFICATIONS

Electrical

Input	115VAC, 600 mA, 50/60 Hz
Output	Field Selectable 12/24VDC, 1 Amp
Battery Charger	13.5/27VDC, 250 mA
Weight	8.5 lbs

Mechanical

Cabinet	602RF: 12" x 12" x 4", 20 GA 602RFA: 16" x 14" x 6.5", 16 GA
----------------	---

SDC power supplies equipped with batteries provide continuous operation of access controls, locking devices and peripheral components during a power failure. See Table 2 to determine battery requirements for standby power.

PRODUCT SKU SAMPLE: **602RF 12VR UR1**

HOW TO ORDER

1| SPECIFY MODEL

- 602RFL** 1 Amp, Class 2 Output, Less Cabinet
- 602RF** 1 Amp, Class 2 Output 12" W Cabinet
- 602RFA** 1 Amp, Class 2 Output 16" W Cabinet

2| SPECIFY OPTIONS

- MR** Cover Mounted Manual Reset Switch for Fire/Emergency Release
- PS-1** System On-Off Push Switch inside Power Supply Enclosure
- PS-1A** System On-Off Push Switch on Enclosure Cover
- 14-2** 7 Day – Skip a Day Programmable Timer Automatically unlocks and locks all doors or specific doors on programmed days only.
- PC** 6 ft. Power Cord Recommended for 1 Amp, eliminating the need for AC conduit.
- KL** Key Lock Cover
- 220V/230V** 230VAC, 50/60Hz

3| SPECIFY CONTROL MODULES

- 12VR** 12VDC Regulated and Filtered Output Module
- FB-4** Four 2 Amp fuse protected outputs
- PSM** Power Supply Remote Monitoring Module
- UR1** Universal Door Controller
- CR4** Control Relay - 4 Independent DPDT Relays
- ACM-1** Access Control Module
see page 257 for more info

TABLE 1 CONTROL MODULE CAPACITY*

Power Supply:	602RF		602RFA	
	0-2	3-4	0-2	3-4
Battery Qty.	RB12V4		RB12V4	
FB4	2	2	2	2
12VR	2	1	2	1
PSM	1	1	1	1
UR-1	4	2	4	2
CR-4	2	1	2	1
ACM-1	2	1	2	1

* Total combined load of modules and access control hardware may not exceed 1 amp.

TABLE 2: 12VDC STANDBY POWER

5 Ah Battery Qty	1	2
Amp Hours	5Ah	10Ah
Load/Amps	Power Back-up Time in Hours	
0.25	20	40
0.50	8.5	20
0.75	5.5	12
1.00	3.8	8.5

ACCESSORIES

BACKUP BATTERIES

SDC power supplies equipped with batteries provide continuous operation of access controls, locking devices and peripheral components during a power failure.



Power Supply & Door Controls

631RF Series 1.5 Amp Modular Access Control Power Supply

The SDC 631RF Power Supplies have been developed specifically to support electric locks and access controls. The high performance, heavy-duty circuitry is ideal for inductive loads and multi-door applications. The modular design is built around several different application control modules to meet your specific needs for virtually any electric lock system. SDC power supplies are designed to provide a well organized installation for individual or multi-door systems that may include locking devices, access controls, station controls and consoles for remote control, annunciation and fire/life safety system interfaces.



631RF*

FEATURES

- Filtered and Regulated**
 The output filtering stabilizes the DC output voltage and eliminates AC line noise. The solid state regulator maintains the selected output voltage at 12VDC or 24VDC regardless of the output load changes, including battery charging.
- Field Selectable 12 or 24VDC**
 The output is field selectable for 12 or 24VDC output.
- 250 mA Battery Charger Output**
 A separate PTC protected, battery charger output provides 13.5VDC or 27VDC.
- LED System Status Indicator**
 Amber - AC and DC voltages are OK
 Green - No DC output
 Red - No AC input, powered by batteries
- Class 2 Outputs**
 Where permitted by code, conduit is not required when using Class 2 outputs.
- Emergency Release Input**
 The Fire/Life Safety emergency release input is standard on all SDC power supplies.
- Large Heavy Gauge Enclosure**
 Model 631RFA is housed in a 16 gauge, 16" W x 14" H x 6.5" D cabinet large enough to accommodate several additional modules and four 8Amp hour batteries with plenty of room for wiring.
- Low Battery Disconnect**
 Batteries are disconnected from the output circuit prior to deep discharge preventing battery destruction.
- Isolated Charging Circuit**
 While the charging output is 13.5VDC or 27VDC, the secondary output is unaffected and precisely maintained at the selected 12 or 24VDC. This ensures system components are powered by their specified voltage. The secondary output current is maintained at the full 1.5 Amp capacity and is not de-rated when charging batteries.






631RFA*



631RFL



MODELS

-  **631RFL** Power Supply (less Cabinet)
-  **631RF** Power Supply, plus 12" W x 12" H x 4" D Cabinet
-  **631RFA** Power Supply, plus 16" W x 14" H x 6.5" D Cabinet



SIA "Security Industry Finest" ISC Expo



* shown with optional batteries

SPECIFICATIONS

Electrical

Input	115VAC @ 800 mA, 50/60 Hz Fused
Secondary Output	Selectable 12VDC or 24VDC @ 1.5 Amp, Poly Fuse Protected, Class 2
Battery Charger Output	250mA @ 13.5 or 27VDC, PTC Protected
Weight	8.8 lbs

Mechanical

631RF Cabinet	12" W x 12" H x 4"D, Steel 20 Ga.
631RFA Cabinet	16"W x 14"H x 6.5"D, Steel 16 Ga.

SDC power supplies equipped with batteries provide continuous operation of access controls, locking devices and peripheral components during a power failure. See Table 2 & 3 to determine battery requirements for standby power.

TABLE 1: CONTROL MODULE CAPACITY*

Power Supply:	631RF		631RFA	
	Battery Qty.		Battery Qty.	
	0-2	3-4	0-2	3-4
	RB12V4		RB12V7	
FB4	4	2	4	4
12VR	1	1	1	1
PSM	1	1	1	1
UR-1	4	2	4	2
UR2-4	NA	NA	2	1
UR4-8	NA	NA	2	1
CR-4	2	1	4	2
ACM-1	2	1	4	2
PB-8, PB-16	1	1	1	1

* Total combined load of modules and access control hardware may not exceed 1.5 amp.

TABLE 2: 12VDC STANDBY POWER

5 Ah Battery Qty	1	2	4
Amp Hours	5Ah	10Ah	20Ah
Load/Amps	Power Back-up Time in Hours		
0.25	20	40	80
0.50	8.5	20	40
1.00	3.8	8.5	20
1.50	2.3	45.5	12

8 Ah Battery Qty	1	2	4
Amp Hours	8Ah	16Ah	32Ah
Load/Amps	Power Back-up Time in Hours		
0.25	36.7	85	175
0.50	15	36	85
1.00	6.5	14.4	36
1.50	4	9	21

TABLE 3: 24VDC STANDBY POWER

5 Ah Battery Qty	2	4
Amp Hours	5Ah	10Ah
Load/Amps	Power Back-up Time in Hrs	
0.25	20	40
0.50	8.5	20
1.00	3.8	8.5
1.50	2.3	4.5

8 Ah Battery Qty	2	4
Amp Hours	8Ah	16Ah
Load/Amps	Power Back-up Time in Hrs	
0.25	36.7	85
0.50	15	36
1.00	6.5	14.4
1.50	4	9

PRODUCT SKU SAMPLE: **631RF PS-1 UR1**

HOW TO ORDER

1| SPECIFY MODEL

- 631RFL** 1.5 Amp, Class 2 Output, Less Cabinet
- 631RF** 1.5 Amp, Class 2 Output 12" W Cabinet
- 631RFA** 1.5 Amp, Class 2 Output 16" W Cabinet

2| SPECIFY OPTIONS

- PS-1** System On-Off Push Switch inside Power Supply Enclosure
- PS-1A** System On-Off Push Switch on Enclosure Cover
- 14-2** 7 Day – Skip a Day Programmable Timer
- PC** 6 ft. Power Cord
- KL** Key Lock Cover
- 220V/230V** 230VAC, 50/60Hz

3| SPECIFY CONTROL MODULES

- 12VR** 12VDC Regulated and Filtered Output Module
 - FB-4** Four 2 Amp fuse protected outputs
 - PSM** Power Supply Remote Monitoring Module
 - UR1** Universal Door Controllers
 - UR2-4** Two Station Door Controllers
 - UR4-8** Four Station Door Controllers
 - CR4** Control Relay - 4 Independent DPDT Relays
 - ACM-1** Access Control Module
 - PB-8** 8 Amp Power Booster
 - PB-16** 16 Amp Power Booster
- see page 257 for more info on control modules

ACCESSORIES

SDC power supplies equipped with batteries provide continuous operation of access controls, locking devices and peripheral components during a power failure. See Table 2 & 3 to determine battery requirements for standby power.

RB12V4 12V/5Ah Battery, 631RF Capacity, 4 Max

RB12V7 12V/8Ah Battery, 631RFA Capacity, 4 Max

632RF Series 2 Amp Modular Access Control Power Supply

The SDC 632RF Power Supplies have been developed specifically to support electric locks and access controls. The high performance, heavy-duty circuitry is ideal for inductive loads and its modular design provides a well organized installation for individual or multi-door systems that may include locking devices, access controls, station controls and consoles for remote control, annunciation and fire/life safety system interfaces.



FEATURES

- Filtered and Regulated**
 The output filtering stabilizes the DC output voltage and eliminates AC line noise. The solid state regulator maintains the selected output voltage at 12VDC or 24VDC regardless of the output load changes, including battery charging.
- Field Selectable 12 or 24VDC**
 The output is field selectable for 12 or 24VDC output.
- Battery Charger Output**
 A separate PTC protected, battery charger output provides 13.5VDC or 27VDC.
- LED System Status Indicator**
 Amber - AC and DC voltages are OK
 Green - No DC output
 Red - No AC input, powered by batteries
- Emergency Release Input (Standard)**
 A signal input from the fire life safety system turns off the secondary output releasing all failsafe locks. When not used for emergency release, this input may be used as main on-off control.
- Large Heavy Gauge Enclosure**
 Model 632RFA is housed in a 16 gauge, 16"W x 14"H x 6.5"D cabinet large enough to accommodate several additional modules and six 8 Amp hour batteries with plenty of room for wiring.
- Class 2 Output**
 Where permitted by code, conduit is not required for the Class 2 output.
- California Compliant Manual Reset of Emergency Release and AC Power Loss (Optional)**
 When this feature is required, should an AC power loss occur or the emergency release input is actuated, personnel must restore secondary output power manually at the power supply after the emergency release signal is reset and/or AC power is restored.
- Low Battery Disconnect (Standard)**
 Batteries are disconnected from the output circuit prior to deep discharge preventing battery destruction.
- Isolated Charging Circuit (Standard)**
 While the charging output is 13.5VDC or 27VDC, the secondary output is unaffected and precisely maintained at the selected 12 or 24VDC. This ensures system components are powered by their specified voltage. The secondary output current is maintained at the full 2 Amp capacity and is not de-rated when charging batteries.



632RFL



MODELS

- 632RFL** Power Supply (less cabinet)
- 632RF** Power Supply, plus 12" W Cabinet
- 632RFA** Power Supply, plus 16" WCabinet

* shown with optional batteries



SIA "Security Industry Finest" ISC Expo



SPECIFICATIONS

Electrical

Input	115VAC @ 800mA, 50/60 Hz, Fused. (220/230VAC 50/60 Hz optional)
Secondary Output	Selectable 12VDC or 24VDC @ 2 Amp, poly fuse protected, Class 2
Battery Charger Output	PTC protected 250mA @ 13.5 or 27VDC
Weight	8.8 lbs

Mechanical

632RF Cabinet	12" W x 12" H x 4"D, Steel 20 Ga.
632RFA Cabinet	16"W x 14"H x 6.5"D, Steel 16 Ga.

SDC power supplies equipped with batteries provide continuous operation of access controls, locking devices and peripheral components during a power failure. See Table 2 & 3 to determine battery requirements for standby power.

TABLE 1: CONTROL MODULE CAPACITY*

Power Supply:	632RF		632RFA	
	0-2	3-6	0-2	3-4
	RB12V4		RB12V7	
FB4	4	2	4	4
12VR	4	2	4	4
PSM	1	1	1	1
UR-1	4	2	4	2
UR2-4	NA	NA	2	1
UR4-8	NA	NA	2	1
CR-4	2	1	4	2
ACM-1	2	1	4	2
PB-8, PB-16	2	2	2	2

* Total combined load of modules and access control hardware may not exceed 2 amp.

TABLE 2: 12VDC STANDBY POWER

5 Ah Battery Qty	1	2	4
Amp Hours	5Ah	10Ah	20Ah
Load/Amps	Power Back-up Time in Hours		
0.25	19.6	49	124
0.50	7.8	20	49
1.00	3.8	11.3	19.4
1.50	1.8	4.5	11.3

8 Ah Battery Qty	1	2	4	6
Amp Hours	8Ah	16Ah	32Ah	48Ah
Load/Amps	Power Back-up Time in Hours			
0.25	36.7	85	175	400
0.50	15	36	85	157
1.00	6.5	14.4	36	62
1.50	4	9	21	36

TABLE 3: 24VDC STANDBY POWER

5 Ah Battery Qty	2	4
Amp Hours	5Ah	10Ah
Load/Amps	Power Back-up Time in Hrs	
0.25	250	40
0.50	8.5	20
1.00	3.8	8.5
1.50	2.3	5.5

8 Ah Battery Qty	2	4	6
Amp Hours	8Ah	16Ah	24Ah
Load/Amps	Power Back-up Time in Hrs		
0.25	36.7	85	158
0.50	15	36	62.7
1.00	6.5	14.4	24.8
1.50	4	9	15

HOW TO ORDER

PRODUCT SKU SAMPLE: **632RFA PS-1A UR4-8**

1) SPECIFY MODEL

- 632RFL** 2 Amp, Class 2 Output, Less Cabinet
- 632RF** 2 Amp, Class 2 Output, 12"W Cabinet
- 632RFA** 2 Amp, Class 2 Output, 16"W Cabinet

2) SPECIFY OPTIONS

- MR** Cover Mounted Manual Reset Switch for Fire/Emergency Release
- PS-1** System On-Off Push Switch inside Power Supply Enclosure
- PS-1A** System On-Off Push Switch on Enclosure Cover
- 14-2** 7 Day – Skip a Day Programmable Timer
- PC** 6 ft. Power Cord
- KL** Key Lock Cover
- 220V/230V** 230VAC, 50/60Hz

3) SPECIFY CONTROL MODULES

- 12VR** 12VDC Regulated and Filtered Output Module
 - FB-4** Four 2 Amp fuse protected outputs
 - PSM** Power Supply Remote Monitoring Module
 - UR1** Universal Door Controllers
 - UR2-4** Two Station Door Controllers
 - UR4-8** Four Station Door Controllers
 - CR4** Control Relay - 4 Independent DPDT Relays
 - ACM-1** Access Control Module
 - PB-8** 8 Amp Power Booster
 - PB-16** 16 Amp Power Booster
- see page 257 for more info on control modules



ACCESSORIES

- RB12V4** 12V/5Ah Battery, 632RF Capacity, 4 Max
- RB12V7** 12V/8Ah Battery, 632RFA Capacity, 6 Max



634RF 4 Amp Power Supply

The SDC 634RF Power Supplies have been developed specifically to support electric locks and access controls. The high performance, heavy-duty 4 Amp circuitry is ideal for inductive loads and multi-door applications. The modular design is built around several different application control modules to meet your specific needs for virtually any electric lock system. Documentation is provided to ensure a well organized installation for individual or multi-door systems that may include locking devices, access controls, station controls and consoles for remote control, annunciation and auxiliary emergency release interface. SDC 600 Series power supplies are manufactured according to Quality Assurance standards.



634RF*

FEATURES

- Filtered and Regulated**
 The output filtering stabilizes the DC output voltage and eliminates AC line noise. The solid state regulator maintains the selected output voltage at 12VDC or 24VDC regardless of the output load changes, including battery charging.
- Field Selectable 12 or 24VDC**
 The output is field selectable for 12 or 24VDC output.
- Class 2 Output**
 The 634RF Power Supply may be configured to use one 4 Amp output or two 2 Amp, Class 2 outputs. Where permitted by code, conduit is not required for low voltage wiring when using Class 2 outputs. The total current draw from all outputs must not exceed 4 Amps.
- LED System Status Indicator**
 Amber - AC and DC voltages are OK
 Green - No DC output
 Red - No AC input, powered by batteries
- Large Heavy Gauge Enclosure**
 Model 634RF is housed in a 16 gauge, 16"W x 14"H x 6.5"D cabinet large enough to accommodate several additional modules and six 8 Amp hour batteries with plenty of room for wiring.
- Battery Charger Output**
 A separate PTC protected, battery charger output provides 13.5VDC or 27VDC.
- Emergency Release Input (Standard)**
 A signal input from the fire life safety system turns off the secondary output releasing all failsafe locks. When not used for emergency release, this input may be used as main on-off control.
- California Compliant Manual Reset of Emergency Release and AC Power Loss (Optional)**
 When this feature is required, should an AC power loss occur or the emergency release input is actuated, personnel must restore secondary output power manually at the power supply after the emergency release signal is reset and/or AC power is restored.
- Low Battery Disconnect (Standard)**
 Batteries are disconnected from the output circuit prior to deep discharge preventing battery destruction.
- Isolated Charging Circuit (Standard)**
 While the charging output is 13.5VDC or 27VDC, the secondary output is unaffected and precisely maintained at the selected 12 or 24VDC. This ensures system components are powered by their specified voltage. The secondary output current is maintained at the full 4 Amp capacity and is not derated when charging batteries.



* shown with optional batteries

SIA "Security Industry Finest" ISC Expo

SPECIFICATIONS

Input	1 Amp @115VAC 50/60 Hz (230VAC 50/60Hz Optional, Not UL listed)
Input Protection	1 Amp, Manually Resettable Circuit Breaker
Secondary Output	Selectable One, 4 Amp @ 12VDC or 24VDC or Two, Class 2, 2 Amp @12VDC or 24VDC
Battery Protection	Auto Resetting Poly Fuse per Output

Battery Charger Output	500 mA @ 13.5 or 27VDC
Battery Charger Protection	Auto Resetting Poly Fuse
Dimensions	16" W x 14" H x 6.5" D
Material	16 Gauge Steel
Weight	20.3 lbs

PRODUCT SKU SAMPLE: **634RF 14-2 UR4-8**

HOW TO ORDER

1) SPECIFY MODEL

634RF 4 Amp Power Supply
One 4 Amp Output or Two 2 Amp
Class 2 Outputs Standard

2) SPECIFY OPTIONS

- MR** Cover Mounted Manual Reset Switch for Fire/Emergency Release
- PS-1** System On-Off Push Switch inside Power Supply Enclosure
- PS-1A** System On-Off Push Switch on Enclosure Cover
- 14-2** 7 Day – Skip a Day Programmable Timer
- PC** 6 ft. Power Cord
- KL** Key Lock Cover
- 220V/230V** 230VAC, 50/60Hz

3) SPECIFY CONTROL MODULES

- 12VR** 12VDC Regulated and Filtered Output Module
- FB-4** Four 2 Amp fuse protected outputs
- PSM** Power Supply Remote Monitoring Module
- UR1** Universal Door Controllers
- UR2-4** Two Station Door Controllers
- UR4-8** Four Station Door Controllers
- CR4** Control Relay - 4 Independent DPDT Relays
- ACM-1** Access Control Module
- PB-8** 8 Amp Power Booster
- PB-16** 16 Amp Power Booster



634RF x 2-UR4-8
x 2 RB12V7

see page 257 for more info on control modules

TABLE 1: CONTROL MODULE CAPACITY *

Power Supply: Battery Qty.	634RF	
	0-2	3-6
	RB12V7	
FB4	8	4
12VR	4	4
PSM	1	1
UR-1	4	4
UR2-4, UR4-8	2	1
CR-4	4	2
ACM-1	4	2
PB-8, PB-16	4	4

* Total combined load of modules and access control hardware may not exceed 4 amp.

TABLE 2: 12VDC STANDBY POWER

8 Ah Battery Qty	1	2	4	6
Amp Hours	8Ah	16Ah	32Ah	48Ah
Load/Amps	Power Back-up Time in Hours			
2	3	6.5	15	19
2.5	2.3	5	11.5	15
3	1.8	4	9	12.5
3.5	1.5	3.4	7.5	11
4	1.3	2.8	6.5	6.1

TABLE 3: 24VDC STANDBY POWER

8 Ah Battery Qty	2	4	6
Amp Hours	8Ah	16Ah	24Ah
Load/Amps	Power Back-up Time in Hours		
2	3	6.5	11
2.5	2.3	5	8.3
3	1.8	4	6.5
3.5	1.5	3.4	5.5
4	1.3	2.8	4.8

SDC power supplies equipped with batteries provide continuous operation of access controls, locking devices and peripheral components during a power failure. See Table 2 & 3 to determine battery requirements for standby power.

ACCESSORIES

RB12V7
12VDC, 8 Amp Hour Battery



636RF 6 Amp Power Supply

The SDC 636RF Power Supplies have been developed specifically to support electric locks and access controls. The high performance, heavy-duty 6 Amp circuitry is ideal for inductive loads and multi-door applications. The modular design is built around several different application control modules to meet your specific needs for virtually any electric lock system. Documentation is provided to ensure a well organized installation for individual or multi-door systems that may include locking devices, access controls, station controls and consoles for remote control, annunciation and auxiliary emergency release interface. SDC 600 Series power supplies are manufactured according to Quality Assurance standards.



636RF*

FEATURES

- Filtered and Regulated**
 The output filtering stabilizes the DC output voltage and eliminates AC line noise. The solid state regulator maintains the selected output voltage at 12VDC or 24VDC regardless of the output load changes, including battery charging.
- Field Selectable 12 or 24VDC**
 The output is field selectable for 12 or 24VDC output.
- Class 2 Output**
 The 636RF Power Supply may be configured to use one 6 Amp output or three 2 Amp, Class 2 outputs. Where permitted by code, conduit is not required for low voltage wiring when using Class 2 outputs. The total current draw from all outputs must not exceed 6 Amps.
- Battery Charger Output**
 A separate PTC protected, battery charger output provides 13.5VDC or 27VDC.
- LED System Status Indicator**
 Amber - AC and DC Voltages are OK
 Green - No DC Output
 Red - No AC Input, Powered by Batteries
- Low Battery Disconnect (Standard)**
 Batteries are disconnected from the output circuit prior to deep discharge preventing battery destruction.
- Large Heavy Gauge Enclosure**
 Model 636RF is housed in a 16 gauge, 16"W x 14"H x 6.5"D cabinet large enough to accommodate several additional modules and six 8 Amp hour batteries with plenty of room for wiring.
- Emergency Release Input (Standard)**
 A signal input from the fire life safety system turns off the secondary output releasing all failsafe locks. When not used for emergency release, this input may be used as main on-off control.
- California Compliant Manual Reset of Emergency Release and AC Power Loss (Optional)**
 When this feature is required, should an AC power loss occur or the emergency release input is actuated, personnel must restore secondary output power manually at the power supply after the emergency release signal is reset and/or AC power is restored.
- Isolated Charging Circuit (Standard)**
 While the charging output is 13.5VDC or 27VDC, the secondary output is unaffected and precisely maintained at the selected 12 or 24VDC. This ensures system components are powered by their specified voltage. The secondary output current is maintained at the full 6 Amp capacity and is not derated when charging batteries.



* shown with optional batteries

SIA "Security Industry Finest" ISC Expo



SPECIFICATIONS

Input	1 Amp @115VAC 50/60 Hz (230VAC 50/60Hz Optional, Not UL listed)
Input Protection	1 Amp, Manually Resettable Circuit Breaker
Secondary Output	Selectable One, 6 Amp @ 12VDC or 24VDC or Three, Class 2, 2 Amp @12VDC or 24VDC
Output Protection	Auto Resetting Poly Fuse per Output
Battery Charger Output	500 mA @ 13.5 or 27VDC
Battery Charger Protection	Auto Resetting Poly Fuse
Dimensions	16" W x 14" H x 6.5" D
Material	16 Gauge Steel
Weight	25.2 lbs

PRODUCT SKU SAMPLE: **636RF 14-2 UR4-8**

HOW TO ORDER

1) SPECIFY MODEL

636RF 6 Amp Power Supply
One 6 Amp Output or Three 2 Amp Class 2 Outputs

2) SPECIFY OPTIONS

- MR** Cover Mounted Manual Reset Switch for Fire/Emergency Release
- PS-1** System On-Off Push Switch inside Power Supply Enclosure
- PS-1A** System On-Off Push Switch on Enclosure Cover
- 14-2** 7 Day – Skip a Day Programmable Timer
- PC** 6 ft. Power Cord
- KL** Key Lock Cover
- 220V/230V** 230VAC, 50/60Hz

3) SPECIFY CONTROL MODULES

- 12VR** 12VDC Regulated and Filtered Output Module
- FB-4** Four 2 Amp fuse protected outputs
- PSM** Power Supply Remote Monitoring Module
- UR1** Universal Door Controllers
- UR2-4** Two Station Door Controllers
- UR4-8** Four Station Door Controllers
- CR4** Control Relay - 4 Independent DPDT Relays
- ACM-1** Access Control Module
- PB-8** 8 Amp Power Booster
- PB-16** 16 Amp Power Booster



636RF x 2-UR4-8
x 2 RB12V7

see page 257 for more info on control modules

TABLE 1: CONTROL MODULE CAPACITY *

Power Supply:	636RF		
	Battery Qty.	0-2	3-6
		RB12V7	
FB4	8	4	
12VR	4	4	
PSM	1	1	
UR-1	4	4	
UR2-4, UR4-8	2	1	
CR-4	4	2	
ACM-1	4	2	
PB-8, PB-16	4	4	

* Total combined load of modules and access control hardware may not exceed 6 amp.

TABLE 2: 12VDC STANDBY POWER

8 Ah Battery Qty	1	2	4	6
Amp Hours	8Ah	16Ah	32Ah	48Ah
Load/Amps	Power Back-up Time in Hours			
2	3	6.5	15	24.7
2.5	2.3	5	11.5	19
3	1.8	4	9	15
3.5	1.5	2.4	7.5	12.5
4	1.3	2.8	6.5	11
5	.9	2.2	5	8
6	.8	1.7	4	6.6

TABLE 3: 24VDC STANDBY POWER

8 Ah Battery Qty	2	4	6
Amp Hours	8Ah	16Ah	24Ah
Load/Amps	Power Back-up Time in Hours		
2	3	6.5	11
2.5	2.3	5	8.3
3	1.8	4	6.5
3.5	1.5	3.4	5.5
4	1.3	2.8	4.8
5	.9	2.2	3.6
6	.8	1.7	2.9

SDC power supplies equipped with batteries provide continuous operation of access controls, locking devices and peripheral components during a power failure. See Table 2 & 3 to determine battery requirements for standby power.

ACCESSORIES

RB12V7
12VDC, 8 Amp Hour Battery



621 Series 1 Amp Modular Power Supply

The 621 Series access control power supplies are designed to support access controls and electric locking devices. Equipped with two power limited outputs, the modular design enables versatility for installations with or without battery back-up or fire command center interface for emergency lock release.



FEATURES

- 12VDC or 24VDC Field Selectable Output
- 1 Amp Maximum, Filtered and Regulated Output
 - 1 Power Limited Switched Output
 - 1 Power Limited Auxiliary Output
- Two Control Inputs
 - 1 Trigger Input, Normally Open (NO)
 - 1 Supervised Emergency Release Input (Latching with Reset or Non-Latching)
- When latching emergency release is selected and the switched output is deactivated by emergency release or power loss, power is restored by manual means only
- Short Circuit and Thermal Overload Protection
- Battery Charger Output
- Automatically Switched to Battery Back-Up when AC Fails
- Board Equipped with AC Input, DC Output and Battery Status LED Indicator
- Enclosure Equipped with AC Input, DC Output and Battery Status LED Indicator

MODELS

621PJ

Power Supply Module and Cabinet with Door Mounted LED System Status Indicator, UL listed 24 VAC, 40 VA Plug-In Transformer

621J

Power Supply Module, Cabinet with Door Mounted LED System Status Indicator

621P

Power Supply Module, Retrofit Mounting Hardware includes Flush Mount Standoffs or Velcro, UL listed 24 VAC, 40 VA Plug-In Transformer

621B

Power Supply Module Only, Retrofit Mounting Hardware includes Flush Mount Standoffs or Velcro

621P-UME

Power supply module, with UL Listed plug-in transformer and Universal Module Enclosure (UME).



 SPECIFICATIONS

621P/621PJ Input	24VAC @ 40VA	Battery Charger	150mA @ 12VDC
621B Input	115VAC 60Hz, 0.6 Amp	Power Supply Board	3.95"W x 3"H x 1.625"D
Output	Filtered and electronically regulated 1 Amp @ 12/24VDC (field selectable)	Cabinet Enclosure	7.25"W x 8.375"W x 3.625"D
Weight	4.2 lbs	UME Box Dimensions	5.625"H x 7.6875"W x 3.375"D

 ACCESSORIES

BACKUP BATTERIES

SDC power supplies equipped with batteries provide continuous operation of access controls, locking devices and peripheral components during a power failure.



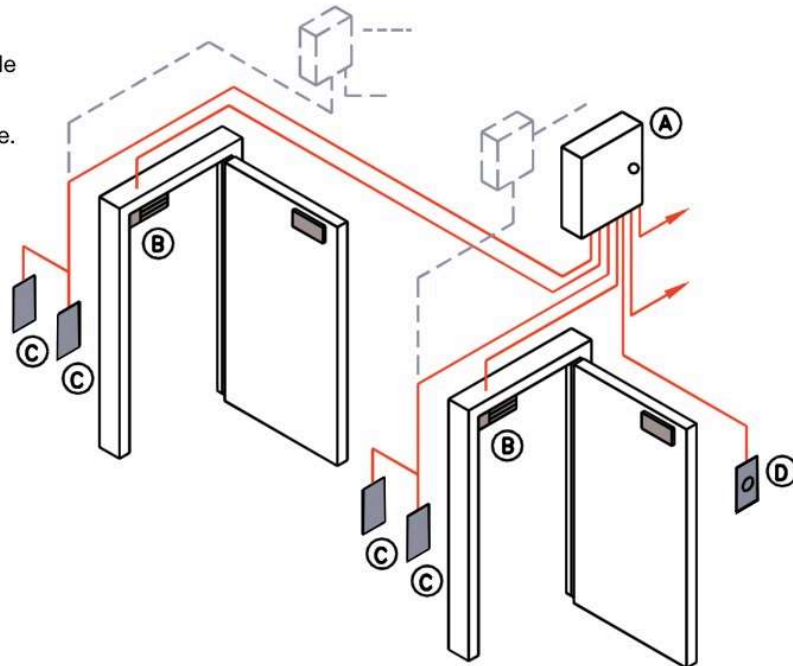
- RB12V4** 12V/5Ah Battery,
 621PJ Accommodates Two
- RB12V7** 12V/8Ah Battery,
621PJ Accommodates One



Door Control Relay Modules

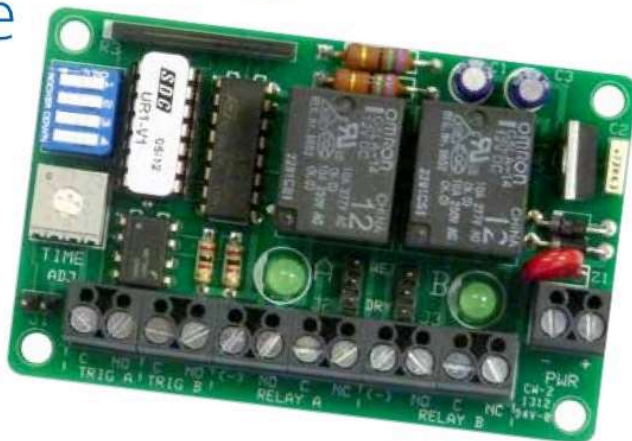
Door Control Relay Modules ensure compatibility of access hardware components and simplify system installation and troubleshooting. Different modules may be specified for one power supply. The isolated relay design allows small gauge cable runs of 22 gauge wire up to 500 feet from the trigger device to the module.

5 Power Supply & Door Controls



UR-1 Universal Field Programmable Application Module

UR Series Universal Door Controllers provide a choice of individual dip switch selectable relay operating modes or system modes for lock control, monitoring, communicating door or lock system logic. Relay output modes may be individually configured as a Dry Contact or Voltage (Wet) Output. Relays may be configured to work independently or in tandem with adjacent relay.



FEATURES

- Use the Same Controller for Multiple Applications
- **Microprocessor Based System Logic** Reduces Need for Communicating Door and Lock Contacts and Standalone Relays
- **Centralized Wiring** for Locks, Access Controls, Monitoring Contacts and Peripheral Equipment Provide Easy Troubleshooting and Enable Uniformity for Multiple Installation Applications
- **Multiple Selectable Relay & System Logic Modes:**
 1. Conventional Relays
 2. 2 Time Delay Relays, adj. 1-60 sec
 3. 1 Time Delay Relays x Anti-Tailgate input
 4. 2 Independent Latching Relays (1 N.O. trigger per relay (pulse on, pulse off)
 5. Tandem Latching Relays 2-SPDT (DPDT) output (Input (A) latch ON, Input (B) latch OFF)
 6. 1 Time Delay Relay, 1 Latching Relay
 7. 1 Time Delay Relay, 1 Control Relay
 8. 2 Door Airlock/Cleanroom System
 9. Communicating Bathroom System: Shared by 2 hospital or Dorm rooms. Exiting unlocks both doors, ensuring access for both rooms
 10. Manual Door Sequencer : For 1 or 2 single or double door openings with high inrush* locks or exit devices (not to exceed Power Supply Rating up to 7A)
 11. Automatic Door Sequencer: For 1 single or 1 double door opening with locks or exit devices
- **Relay Modes:** Selectable Contact Configuration Permit Installer Configuration per Application Requirements
 1. SPDT outputs jumper selectable Wet and/or Dry
 2. Selectable Independent or Tandem (Simultaneous, DPDT) Activation
 3. Each Tandem SPDT output may be Wet and/or Dry

SPECIFICATIONS

Input Voltage	Automatic Voltage Sensing 12VDC @ 120mA, 24VDC @ 175mA
Inputs	Two Form "A" SPST, N.O. Inputs a) Two (2) N.O. Dry Inputs for Individual Relay b) Tandem: Either N.O. Dry Input Triggers Both Relays
Outputs	<ul style="list-style-type: none"> • 2 Form "C" SPDT Outputs (N.C. Failsafe, N.O. Failsecure) • 10 Amps (resistive), 7 Amp (inductive) @ 30VDC • Wet (voltage) and/or Dry Output • Wet Output Voltage is Same as Module Input Voltage • Two (2) LED Relay Active Indicators

Relay Mode Output Configuration

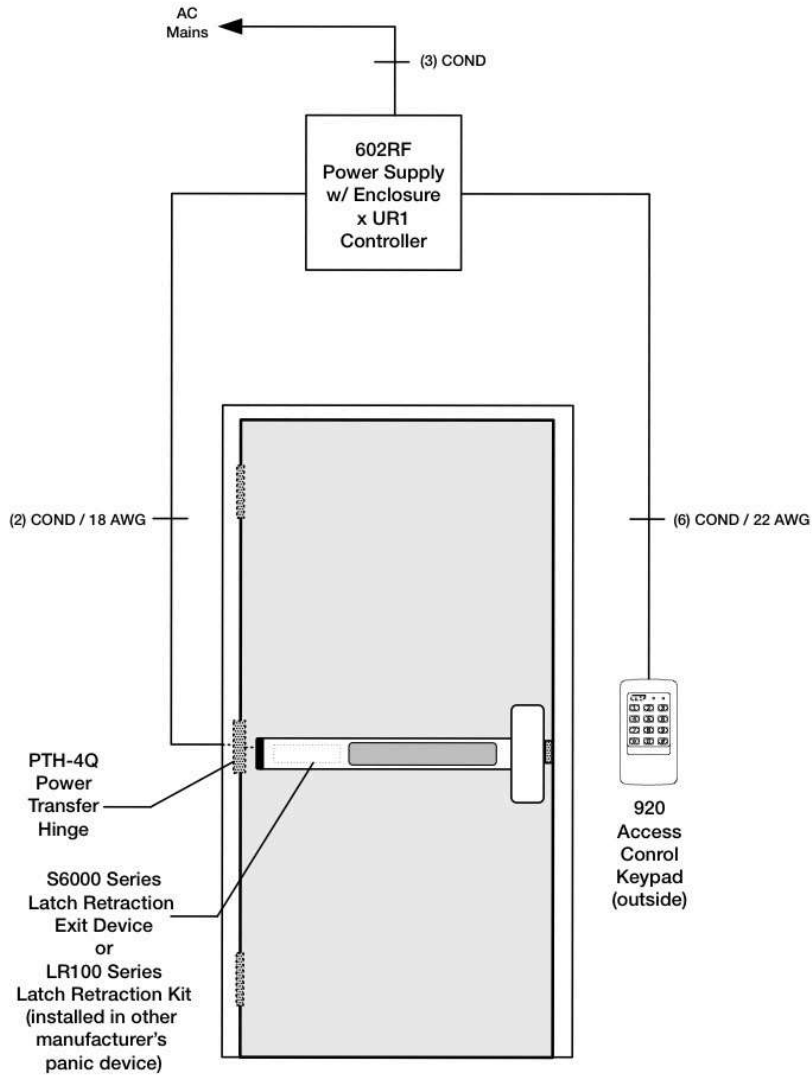
- a) Two (2) Wet (Power) and/or Dry Outputs
- b) Tandem: Simultaneously Activates both SPDT Outputs

Dimensions 3.2" W x 2" L x 1" H

Weight 0.8 lbs



APPLICATION



Door Control Relay Modules



920 Access Control Keypad
see page 155



LR100 Latch Retraction Retrofit Kit
see page 113



PTH-4Q Power Transfer Hinge
see page 229



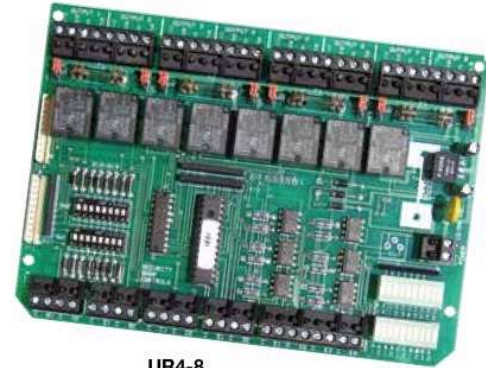
602RF 1 Amp, 12/24 VDC Class 2 Output Power Supply
see page 239



S6000 Latch Retraction Exit Device
see page 111

UR2-4 and UR4-8 Universal Door Control Modules

Field Programmable Access Hardware Controller. 14 Field Selectable Station Modes & Systems. 7 Individually Selected Relay Output Modes: Control Relay, Timed Relay, or Latching Relay Output. Dual Modes Control Relay & Timer. Latching & Timed. Control Latching. Controlled Relay/Controlled Relay. 7 Selectable System Modes: 5 Mantrap and Interlock Modes. 2 Communicating Bathroom Modes.



UR4-8

FEATURES

- Use the same controller for all virtually multi-door applications.
- Centralized wiring for all locks, access controls, monitoring contacts and peripheral equipment.
- On board logic reduces need for communicating door and lock contacts and standalone relays.
- Reduced wiring, easy troubleshooting.

PROGRAMMABLE SYSTEM MODES

System selection provides appropriate mode of operation for each input and output

- **Airlock/Interlock Mode A:** All doors normally unlocked, opening any door causes all other doors to lock.
- **Mantrap Mode B:** All doors normally locked. When any door is unlocked all other doors are incapable of unlocking.
- **3 Mantrap Mode C:** Select doors locked or unlocked. When unlocked door is opened, locked doors are incapable of unlocking. When a locked door is unlocked, normally unlocked doors lock and all other locked doors are incapable of unlocking.
- **Shared Hospital/Dorm Bathroom A:** Doors equipped with magnetic locks.
- **Shared Hospital/Dorm Bathroom B:** Doors equipped with electrified locksets.

PROGRAMMABLE STATION MODES

Each output may be individually programmed with its own mode of operation

- Conventional Relay
- Latching Relay, on/off
- Latch multi-station zones on/off or all stations on/off
- Time Delay Relay 1-60 seconds
- Dual function Latching on/off, plus 1-60 second Timed output when on.

MODELS

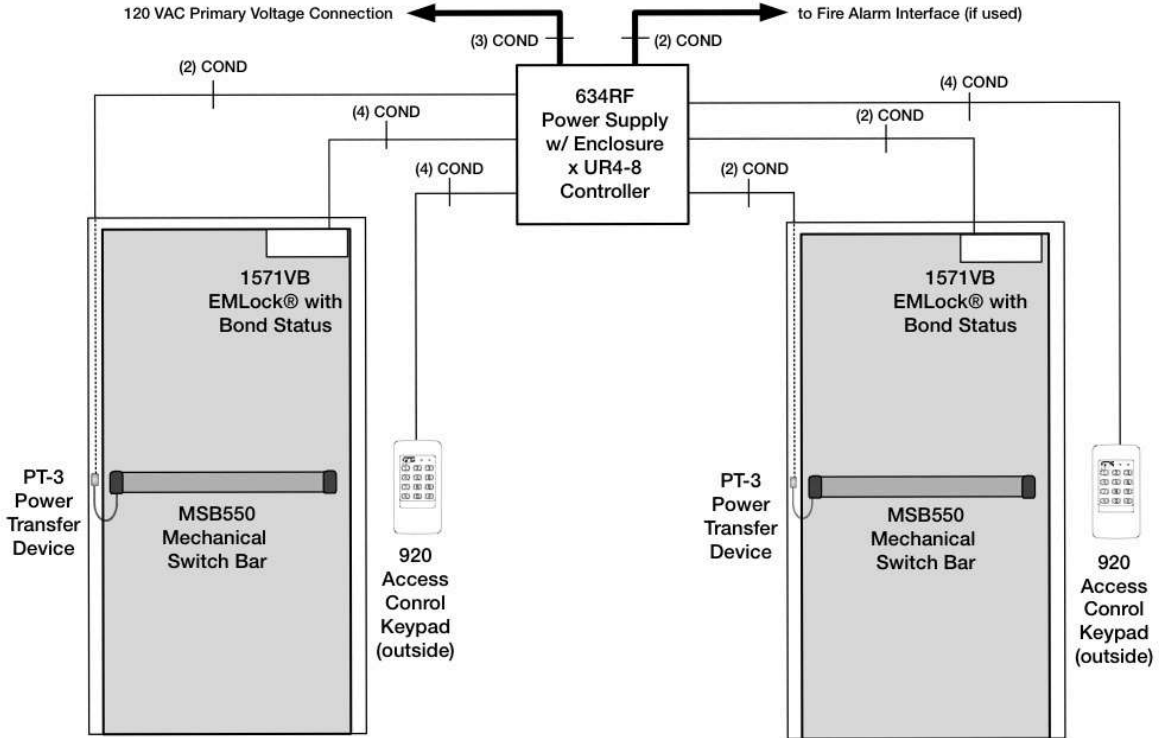
- **UR2-4** Universal Controller with 2 Fused SPDT Outputs and 2 Non-fused SPDT Outputs
- **UR4-8** Universal Controller with 4 Fused SPDT Outputs and 4 Non-fused SPDT Outputs

SPECIFICATIONS

Input Voltage	12 or 24VDC +/- 10%	Field Selectable Voltage Output or Dry Contact Outputs. Individually configured as a dry contact or 12 or 24VDC Voltage Output
Input Current	130mA Max.	
Relay Inputs	<p>UR2-4: 4-SPST, Dry, Optically Isolated (Relay) 4-SPST, NO Dry, Optically Isolated (Auxiliary)</p> <p>UR4-8: 8-SPST, Dry, Optically Isolated (Relay) 4-SPST, NO Dry, Optically Isolated (Auxiliary)</p>	
Weight	<p>UR2-4: 0.8 lbs UR4-8: 1.0 lbs</p>	
Outputs	<p>UR2-4: 2 fused SPDT relays, 7 Amps @ 30VDC 2 non-fused SPDT relays, 7 Amps @ 30VDC</p> <p>UR4-8: 4 fused SPDT relays, 7 Amps @ 30VDC 4 non-fused SPDT relays, 7 Amps @ 30VDC</p>	
Dimensions	<p>4.5" W x 5" H x 7/8" D UR2-4 7" W x 5" H x 7/8" D UR4-8</p>	



APPLICATION



Door Control Relay Modules



920 Access Control Keypad
see page 155



1571 EMLock® with Bond Status
see page 10



PT-3 Power Transfer Device
see page 235



MSB550 Mechanical Switch Bar
see page 173



634RF 4 Amp, 12/24 VDC Class 2 Output Power Supply
see page 245

Door Control Relays Modules

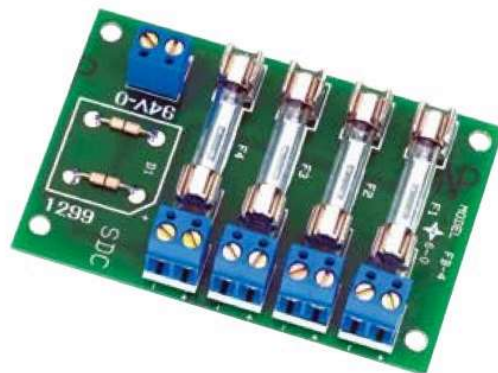
Door Control Relays Modules ensure compatibility of access hardware components and simplify system installation and troubleshooting. Different modules may be specified for one power supply. The isolated relay design allows small gauge cable runs of 22 gauge wire up to 500 feet from the trigger device to the module.

MULTIPLE FUSED OUTPUT

FB-4

Four 2 Amp fuse protected outputs allow for precisely calculated circuit protection. Four modules provide 16 outputs.

- Distributes the primary DC output of any 600 series power supply into four, individually fused class 2 outputs
- Four separate outputs allow for termination multiple DC devices, providing ease of maintenance



SPECIFICATIONS

Outputs 4 Individually Fused @ 2 Amp

Weight 0.2 lbs



FOUR STATION RELAY MODULE

CR4

- Allows for independent control of up to four separate electrified locking devices
- Distributes the primary DC output of any 600 series power supply into four, individually controlled relay DPDT outputs
- Each output is individually fused, and selectable as wet or dry
- LED's provide relay activation status



SPECIFICATIONS

Voltage Input 120 mA @ 12/24VDC

(4) Fused, 2A SPDT dry outputs
or voltage outputs

Inputs & Outputs

(4) 2A SPDT dry outputs
or voltage outputs
(4) N.O. dry trigger inputs

Dimensions 4.25" L x 3.375" W

Weight 0.4 lbs

Modules may be ordered with or without power supplies. Different function modules may be used in the same power supply or cabinet. Contacts: 2.5 Amps inductive, 5 Amps resistive @ 30 VDC unless specified otherwise.



ACCESS CONTROL MODULE

ACM-1

- Allows for control of a single electrified locking device from multiple activation devices (up to 6)
- LED provide relay activation status



SPECIFICATIONS

Voltage Input	45mA @ 12/24VDC
Inputs & Outputs	(1) SPDT voltage output (1) SPDT dry contact. 5A @30VDC resistive (6) trigger inputs (3-NC,3-NO) (1) LED status indicator
Dimensions	3.25" L x 2" W
Weight	0.25 lbs



POWER BOOSTER

- PB-16** 16 Amp Power Booster
- PB-8** 8 Amp Power Booster

- Designed to control 1 or 2 high inrush current electrified locking devices
- Provides a total of 8A (PB-8) or 16A (PB-16) for 300ms, 1A continuous



PB-16



PB-8

SPECIFICATIONS

	24VDC input
Inputs & Outputs	(1) N.O. Dry trigger Input (1) Fused SPDT voltage output 1 Amp Continuous, 8 Amp or 16 Amp Surge
Dimensions	3.25" W x 2" H
Weight	0.3 lbs

Modules may be ordered with or without power supplies. Different function modules may be used in the same power supply or cabinet. Contacts: 2.5 Amps inductive, 5 Amps resistive @ 30 VDC unless specified otherwise.



Door Control Monitoring and Sequencing

POWER SUPPLY REMOTE MONITORING MODULE

PSM

The PSM Power Supply Monitoring Module provides 2-SPDT, 1 Amp contacts to remotely monitor power supply and battery status.



FEATURES

- Monitors Power Supply Input and Battery Backup
- On/Off Status
- Remote Annunciation Includes:
System OK | AC Fail – No DC Output |
Battery Powered | System Off – No Battery

SPECIFICATIONS

Outputs	2-SPDT Relay Outputs
Relay Rating	1 Amp @ 12/24VDC
Dimensions	3.25" W x 2" H
Weight	0.2 lbs



EXIT DEVICE SEQUENCER

EMC

The EMC Dual Channel Sequencer Module may be used with the S6000FE, S6000PE, or LR100 series Electric Latch Retraction (ELR) device to provide a delayed signal to operate an automatic door operator or when powering a pair of ELR devices from a single SDC 600 series power supply.



FEATURES

- The two sequencer channels may be operated as two independent doors or in tandem mode for pairs of doors.
- Each sequencer channel provides an output to power the ELR device and a "delayed" dry auxiliary output for activation of an automatic door operator. All outputs are field selectable as Normally Open or Normally Closed.
- When the EMC is used in the tandem mode, power supply requirements for a pair of doors are minimized.
- Since the attached electric latch retraction devices are powered in a sequential manner, the inrush current of each device is staggered. This creates a lower current requirement upon activation. A smaller power supply can now be used to operate the pair of devices.

SPECIFICATIONS

Input Voltage	12VDC or 24VDC
Input Current	140mA max
Output Voltage	12VDC or 24VDC (Same as Input Voltage)
Operator & ELR Contacts	10 AMP @ 30VDC (Resistive) (4 Relays)
Access Control Inputs	N/O Dry Contact (2 Inputs)
Dimensions	3.20"W x 4.30"H
Weight	0.2 lbs



Modules may be ordered with or without power supplies. Different function modules may be used in the same power supply or cabinet. Contacts: 2.5 Amps inductive, 5 Amps resistive @ 30 VDC unless specified otherwise.

VOLTAGE REGULATOR MODULE

12VR

The addition of the 12VR Module enables dual 12VDC and 24VDC output capability.

With the SDC 600 Series power supply output set at 24VDC for locking devices and components, the addition of the 12VR provides a separate 12VDC, 500 mA output for 12VDC Access Controllers and readers or other devices. The need for separate power supplies for 12VDC and 24VDC requirements within the same system is eliminated.

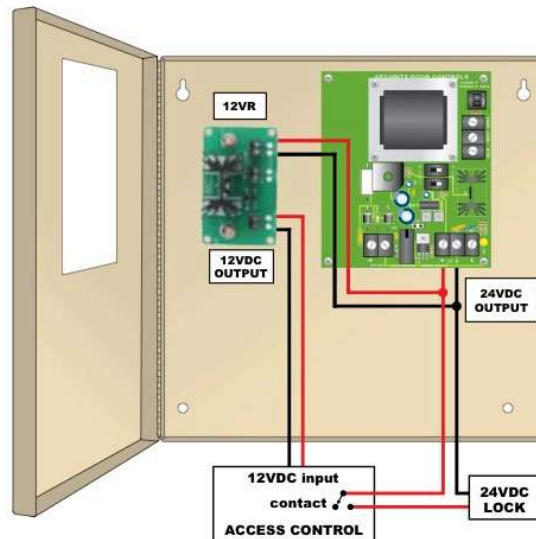


FEATURES

- The addition of the 12VR provides a separate 12VDC, 500 mA output for 12VDC access controls and components. The total combined 12V/24V load may not exceed the maximum power supply output rating.

SPECIFICATIONS

Input	24VDC
Output	500 mA @ 12VDC
Capacity	602RF One Maximum 631RF One Maximum 632RF Two Maximum 634RF Four Maximum 636RF Six Maximum
Dimensions	3.25" H x 2" W



Door Control Relay Modules



DOOR CONTROL ACCESSORIES

14-2 (24V) & 14-2-12 (12V)

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.



FEATURES

- Field Programmable
- 7 Day timer module recommended for automatic timed locking and unlocking of one door or all doors on the same circuit
- Schedule up to 6 Events Maximum on Single or Multiple Days, Manual on-off Override
- Replaceable Lithium Battery Maintains Time and Schedule During Power Outage

MODELS

- 14-2** Seven Day Timer 24VDC
- 14-2-12** Seven Day Timer 12VDC

SPECIFICATIONS

Input Voltage	12V AC/DC or 24V AC/DC (Specify)
Contact	SPDT Dry, 16 Amps @ 30VDC
Dimensions	2.375"H x 2.375"W x 1.25"D
Weight	0.25 lbs

RB12V4 & RB12V7

Backup Batteries

SDC power supplies equipped with batteries provide continuous operation of access controls, locking devices and peripheral components during a power failure.



RB12V4



RB12V7

MODELS

-  **RB12V4** 12V/5Ah Battery,
- RB12V7** 12V/8Ah Battery



Access Control System WIRE GAUGE SIZE & DISTANCE CHART

For 12V and 24V AC/DC

To determine the correct wire gauge to use on "one circuit" the following information is required:

- The quantity, voltage and current draw of all lock(s) and other powered devices on one circuit.
- The distance in feet from the power supply to the furthest lock.

Add together the current draw (amps) of all locks on the same circuit. Cross reference the total amps with the distance between the power supply and the farthest lock to determine the wire gauge required.

"One circuit" implies that two wires are being run from the power supply to one or more locks in parallel. The last lock on the pair of wires should not exceed the maximum distance number shown on the chart for that gauge of wire and total current draw in Amps.

All wiring must be installed in accordance with all state and local codes.

Minimum Wire Gauge for 12 volts AC or DC

Maximum Distance Allowable For a 5% Voltage Drop From the Power Supply to the Furthest Load On One Circuit

AMPS	25ft	50ft	75ft	100ft	150ft	200ft	250ft	300ft	350ft
0.12	20	20	20	20	20	20	20	18	18
0.25	20	20	20	20	18	18	16	16	16
0.35	20	20	20	18	18	16	16	14	
0.50	20	20	18	18	16	14	14		
0.75	20	18	18	16	14	14			
1.00	20	18	16	14	14				
1.50	18	18	16	14					
2.00	18	16	14	14					
2.50	18	14	14	14					
3.00	16	14	14						
3.50	16	14							
4 to 6	14								

Minimum Wire Gauge for 24 volts AC or DC

Maximum Distance Allowable For a 5% Voltage Drop From the Power Supply to the Furthest Load On One Circuit

AMPS	25ft	50ft	75ft	100ft	150ft	200ft	250ft	300ft	350ft
0.12	20	20	20	20	20	20	20	20	20
0.25	20	20	20	20	20	20	20	18	18
0.35	20	20	20	20	20	18	18	18	16
0.50	20	20	20	20	18	18	16	16	16
0.75	20	20	20	18	16	16	16	14	14
1.00	20	20	18	18	16	16	14	14	
1.50	20	18	18	16	16	14			
2.00	18	18	16	16	14				
2.50	18	18	16	14	14				
3.00	18	16	14	14	14				
3.50	18	16	14	14					
4	16	16	14						
5	16	14	14						

OHMS LAW

To Determine an Unknown Voltage:

$$E = I \times R$$

How to calculate:

$$.25 \text{ Amps (I)} \times 96 \text{ Ohms (R)} = 24 \text{ Volts (E)}$$

To Determine an Unknown Current:

$$I = P / E$$

How to calculate:

$$6 \text{ Watts (P)} \div 24 \text{ Volts (E)} = .25 \text{ Amps (I)}$$

To Determine an Unknown Current:

$$I = E / R$$

How to calculate:

$$24 \text{ Volts (E)} \div 96 \text{ Ohms (R)} = .25 \text{ Amps (I)}$$

To Determine an Unknown Wattage:

$$P = E \times I$$

How to calculate:

$$24 \text{ Volts (E)} \times .25 \text{ Amps (I)} = 6 \text{ Watts (P)}$$

E=Volts

I=Current, Amps

R=Resistance, Ohms

P=Power, Watts

To Determine an Unknown Resistance:

$$R = E / I$$

How to calculate:

$$24 \text{ Volts (E)} \div .25 \text{ Amps (I)} = 96 \text{ Ohms (R)}$$



Transformers and Plug-In DC Power Supplies

TR12 Plug-In Power Supply

The SDC TR12 1 Amp 12VDC regulated plug-in power supply.

FEATURES

- Thermal Overload Protection
- LED Power Status Indicator
- UL Listed, Class 2

SPECIFICATIONS

Primary Input	120VAC, Grounded
Secondary Output	Regulated, 12VDC @ 1 Amp
Secondary Connection	Screw Terminals
Weight	1.1 lbs



TR24 Plug-In Power Supply

The SDC TR24 1 Amp 24VDC regulated plug-in power supply.

FEATURES

- Thermal Overload Protection
- 6 Foot Cord
- UL Listed, Class 2

SPECIFICATIONS

Primary Input	120VAC, Grounded
Secondary Output	Regulated 24VDC @ 1 Amp
Connection	6 ft. Wire Leads
Weight	1.5 lbs



Door Control
Relay Modules

TP1220 Plug-In Power Supply

The SDC TP1220 is a 1.6 Amp 12VAC plug-in power supply.

FEATURES

- Thermal Overload Protection
- UL Listed, Class 2

SPECIFICATIONS

Primary Input	120VAC
Secondary Output	Fused. 12VAC @ 1.65 Amps
Secondary Connection	Screw Terminals



TP2440 Plug-In Power Supply

The SDC TP2440 is a 1.6 Amp 24VAC plug-in power supply.

FEATURES

- Thermal Overload Protection
- UL Listed, Class 2

SPECIFICATIONS

Primary Input	120VAC
Secondary Output	Fused. 24VAC @ 1.65 Amps
Secondary Connection	Screw Terminals



TRANSFORMER ACCESSORIES

BR64XL Full Wave Bridge Rectifier

SDC BR64XL Rectifier

FEATURES

- 6" Wire Leads
- Converts AC Transformer to DC Output

SPECIFICATIONS

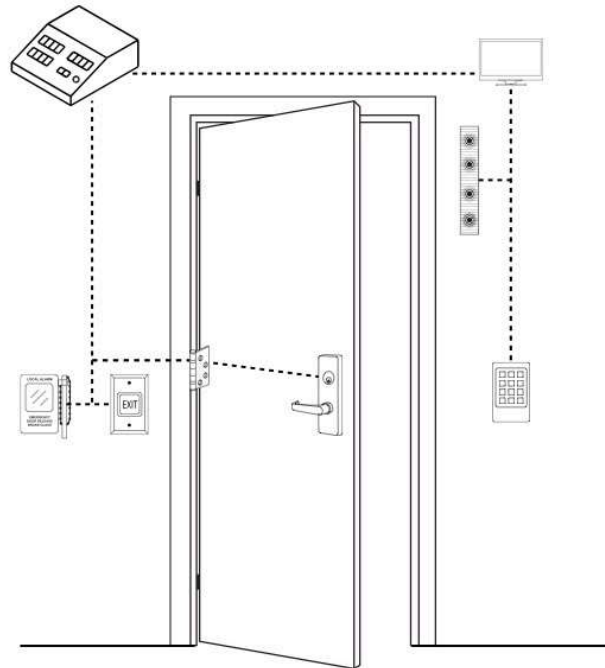
Primary Input	12 or 24VAC
Secondary Output	12 or 24VDC
Secondary Connection	4 Amps Maximum Load





Door Controls & Annunciator Consoles

Recommended for access systems without computer management capability, SDC Control and Annunciator Consoles provide a means of central supervision and control of single and multiple openings within a facility. Available in several configurations, the TCC and RCC Consoles provide remote lock control, door status and lock status. The modular design permits configuration flexibility to meet the demands of different control and monitoring requirements.



WRC Series

2 Channel Wireless 433MHz Transmitter & Receiver



WRC-2B



WRC-R2

SDC's **WRC Series** 2-Channel wireless transmitter/receiver solution is specifically designed to be used as a receptionist button or remote release for single or dual door access control applications. Receiver has the capacity to learn up to 30 fixed transmitter codes using the onboard learning button and status LED.

FEATURES

- Transmits and Receives at 433.92MHz Frequency
- Transmitter operates with WRC-R2
- Transmitter features Pendant Keychain type housing
- Receiver includes 12", 8-Wire Pigtail for Quick Installation



- Capacity to learn up to 30 Transmitters codes per Receiver unit via onboard Learning Button and Status LED

MODELS

 WRC-R2	433MHz Two Channel Wireless Receiver
 WRC-2B	433MHz Two Button Pendant Wireless Transmitter

- 4 field-selectable Operation Modes:
 - Timed (3s):** Remote button "A" activates relay "A" for 3 seconds (fixed); remote button "B" activates relay "B" for 3 seconds (fixed). Both relays may be activated at the same time.
 - Toggle:** Pressing remote button "A" activates relay "A". Relay "A" remains active until remote button "A" is pressed again; Pressing remote button "B" activates relay "B". Relay "B" remains active until remote button "B" is pressed again. Both relays may be activated at the same time.
 - Manual (M) (default):** Pressing remote button "A" activates relay "A". Relay "A" remains active only while remote button "A" is pressed; Pressing remote button "B" activates relay "B". Relay "B" remains active only while remote button "B" is pressed.
 - Latching (L):** Pressing either remote button activates its respective relay. The relay remains active until the other remote button is pressed, activating its respective relay.



SPECIFICATIONS
RECEIVER

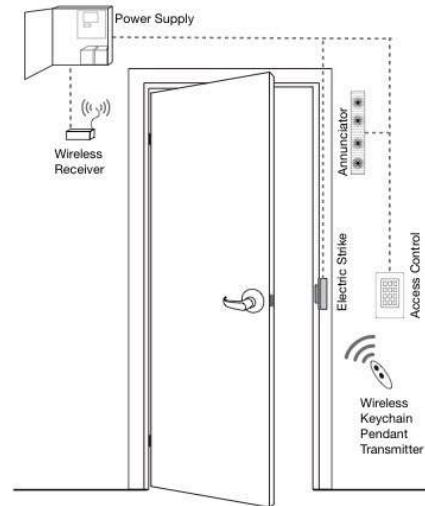
Carrier Frequency	433.92 MHz
Power Supply	24VDC
Relay Outputs	Two (2) Dry, SPDT
Contact Rating	10A @ 30VDC (resistive)
Current Consumption	9mA @ 24VDC (standby), 46mA (max)
Temperature	-22F — 140F
Dimensions	2.5"W x 1.75"W x 1.2" Deep

TRANSMITTER

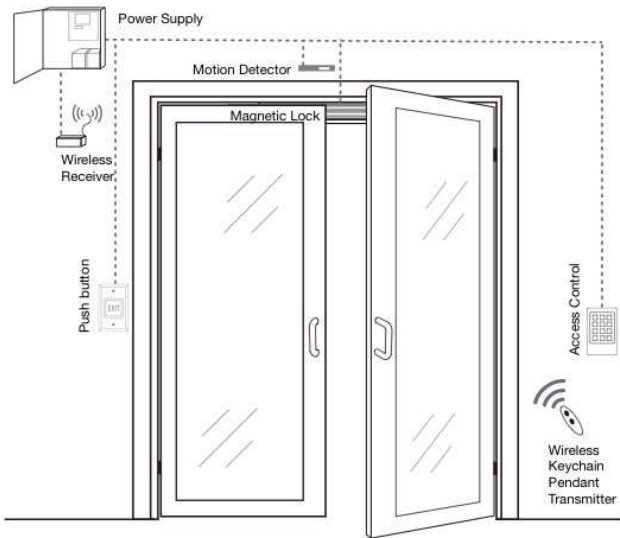
Voltage Input	6VDC (2x CR2016 3V Lithium included)
Frequency	433.92MHz
Transmitting Distance	165 feet (without obstructions)
Operates with	WRC-R2
Dimensions	2.25"L x 1.125"W x .5" plus attached clip
Activation	Hold 'A' or 'B' button for 1 second

APPLICATIONS

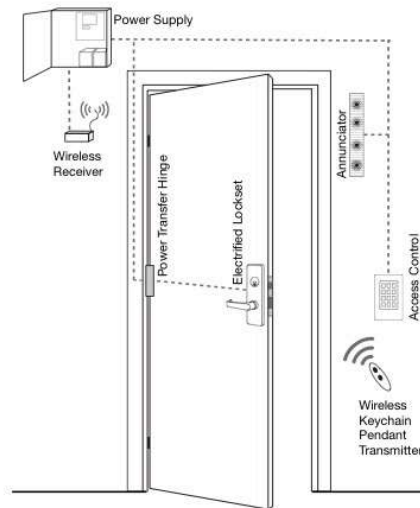
SINGLE DOOR WIRELESS ELECTRIC STRIKE SOLUTION



DOUBLE DOOR WIRELESS EMLOCK SOLUTION



SINGLE DOOR WIRELESS ELECTRIC LOCKSET SOLUTION



ACCESSORIES

- 602RF** 1 Amp, 12/24VDC Power Supply, UL 294
- 631RF** 1.5 Amp, 12/24VDC Power Supply, UL 294



See <http://www.sdcsecurity.com/power-controllers.htm> for full series of SDCs Power Supplies.

- 918** Indoor, single gang keypad
- 920** Indoor/outdoor, heavy duty surface mount keypad



- MD-31D** Motion detector with time delay
- EA100** Multi-LED exit annunciator



DTMO Series

Desktop Mini Consoles



The **SDC Mini Desktop Consoles** provide an economical method of controlling one or two doors. They are available in four switch configurations with Tri-Color LED indicators. When used with a door status or lock status sensor the LED's allow monitoring of door and lock modes. The switches can provide an On / Off function or momentary access control for electromagnetic EMLocks, Shear Locks, Bolt Locks, Delayed Egress Systems, Electrical Exit System, or Electric Strikes.

FEATURES

- The momentary switch can be used to release a single opening. The maintained (On / Off) switch is used as a bypass for keeping the door unlocked for an extended period of time. The tri-color LED displays Green, Red and Amber colors to indicate up to three lock status conditions.
- Choice of heavy duty momentary or maintained operating switches accommodate lock control functions.
- Tri-color LED indicators provide for immediate status indication of door position or lock status when used with lock monitors such as Door Position (DPS) or Bond Sensors (BAS).
- Push button switches provide an aesthetically pleasing appearance and high operational reliability.

MODELS

DTMO-1	One Momentary Switch and One LED
DTMO-2	Two Momentary Switches and Two LED's
DTMOMA-2	One Momentary, One Maintained Switch and Two LED's
DTMA-2	Two maintained switches and Two LED's



SWITCH CONTROLS

Common:	White
Normally Open:	Yellow
Normally Closed:	Orange
Tri-Color LED 12 to 24 VDC	
Negative:	Black
Red Illumination Positive:	Red
Green Illumination Positive:	Green
Amber Illumination Positive:	Power red & green wires simultaneously

 SPECIFICATIONS

Contact Rating	2 Amp @ 24VDC, SPDT
Input Power	12/24VDC @ 0.02 Amp Required for Each LED
Color	Beige
Dimensions	4.125" W x 3.125" H x 6.25" L
Weight	1.0 lbs



TCC and RCC Series Modular Consoles

The SDC TCC and RCC Series Control Consoles provide a flexible, economical method of centrally supervising and controlling multiple openings within a facility. Available in several configurations, the TCC and RCC Consoles allow monitoring of door and lock status, as well as control of electromagnetic EMLocks, Bolt Locks, Electrified Mortise Locks, Shear Locks, Delayed Egress Systems, Electric Exit Devices and Electric Strikes. The modular design of the console allows for the selection of the specific functions required by simply selecting panels with the desired status and control features.

Desk top, rack mount, and cabinet mount consoles are available to meet specific user needs. From a small nurse's station to a centralized facility management guard post, the TCC/RCC Series can be configured to meet the operational requirements of the end user. Easy to understand visual indicators and control switches



eliminate operator confusion, and simplify door supervision and control. Built-in Key lock may be used for Console On/Off or Console Lockout (UR4-8 req'd). The Key lock ensures that only authorized personnel can operate the console. The dual console interface feature allows two consoles control of a shared opening.

FEATURES

- Modular design minimizes initial investment while allowing for future growth.
- Choice of Momentary (MO), Maintained (MA) or Three Position (MO/None/MA, MO/None/MO) switches accommodates all lock and control functions.
- Tri-color LED (Red, Green and Amber) indicators provide for immediate status indication of door position, lock status, tampering or other monitored functions.
- Local audible alarm alerts operating personnel to console status changes ('E' panel required).
- Optional latching feature (UR4-8 req'd) ensures that all violations are identified. Violation indication remains until manually reset.
- Heavy duty rocker-style switches provide an aesthetically pleasing appearance and high operational reliability.
- When the console key lockout switch (UR4-8 required) is activated, all individual door openings maintain their locked or unlocked status.
- Optional Dual Console Interface - Two consoles can be used to control a shared opening. For example, a secondary day time only console station and a master console located at a central station can control a common door opening. (Additional custom equipment and programming required. POA consult SDC.)
- Various console mounting arrangements are available to accommodate end user applications.
- Combine SDC models TCC or RCC consoles with the series 600 Power Supplies and UR4-8 universal relay processor for a complete system with optional customized monitoring and control.



MODELS

TCC Slope Front Desk Top Console
(12 Stations Max.)

RCC Rack Mount Console
(24 Stations Max.)



SPECIFICATIONS

Number of Stations and Control Panels	TCC: 12 stations maximum when using 2 control panels. Base unit, less panel.	Input Power	12/24VDC 20mA max. per LED
	RCC: 24 stations maximum when using three control panels (Max. is 20 stations with "E" panel). Base unit, less panels	Color	TCC: Black Sides, Beige Top RCC: Beige
Switch Rating	2 Amp @ 24VDC	Dimensions	TCC: 10-1/4"W x 4-3/4"H x 9-5/8"D RCC: 19"W x 5-1/4"H x 6"D Chassis less switches and light panels.

Use SDC series 600 Power Supply for console and lock power.

PRODUCT SKU SAMPLE: **TCC AL8 AL4E**

HOW TO ORDER

1) SPECIFY MODEL

- TCC** Slope Front Desk Top Console (12 Stations max.)
- RCC** Rack Mount Console (24 Stations max.)

2) SPECIFY SWITCH AND INDICATOR PANELS

- AL4** Four Momentary Switches with LEDs
- BL4** Four Maintained Switches with LEDs
- CL4** Four Momentary/Off/Maintained Switches with LEDs
- DL4** Four Momentary/Off/Momentary Switches with LEDs

- AL8** Eight Momentary Switches with LEDs
- BL8** Eight Maintained Switches with LEDs
- CL8** Eight Momentary/Off/Maintained Switches with LEDs
- DL8** Eight Momentary/Off/Momentary Switches with LEDs

- AL4E** Four Momentary Switches with LEDs, Alarm, Reset Push Button and Key Lock
- BL4E** Four Maintained Switches with LEDs, Alarm Reset Push Button and Key Lock
- CL4E** Four Momentary/Off/Maintained Switches with LEDs, Alarm, Reset Push Button and Key Lock
- DL4E** Four Momentary/Off/Momentary Switches with LEDs, Alarm, Reset Push Button and Key Lock

- EA** Panel with Alarm, Reset Push Button and Key Lock
- F** Blank Panel



3) SPECIFY CABINETS

- CAB7** Black Cabinet for One RCC (7" H x 20-1/2" W x 14-1/2" D)
- CAB12** Black Cabinet for Two RCC (12-1/2" H x 20-1/2" W x 14-1/2" D)



Please note: switches increment are only available in 4s

Remote Controls

Desk Switch Compact Box



15-2



15-2-3



MODELS

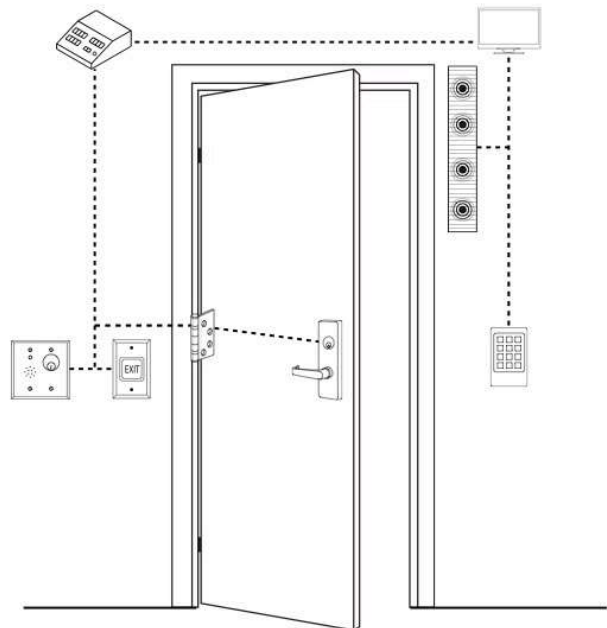
- 15-1** AA, SPDT push switch,
6 Amp @ 30VAC/DC
- 15-2** MO, SPDT push switch,
10 Amp @ 30VAC/DC
- 15-3** AA, SPDT toggle switch,
6 Amp @ 30VAC/DC
- 15-2-3** One MO push switch and
one AA (on/off) toggle SPDT,
6 Amp @ 30VAC/DC





Multi-Mode Annunciators

Multi-Mode Annunciators, like SDC's Door Prop Alarm, EA100, 101 and 400 Series LED's, Sirens, Buzzers & Speakers, come in a variety of door, frame, wall, ceiling or 1 and 2 gang box configurations to provide the ultimate in door status indication, access control system compatibility and control.



EA Series Door Prop Alarm

SDC DESIGNED AND MANUFACTURED



EA-SN



EA-728



EA-708

With a visually appealing and functional design, SDC Door Prop Alarms are compatible with all access control systems but can also function as a stand-alone solution. Now you can support positive access control and security behavior by students on campus and employees at facilities.

FEATURES

Improve security with a cost-effective door prop alarm. All SDC door prop alarms feature audible sirens with adjustable timer settings, two outputs, bypass status indicator light, and vandal-resistant aluminum construction. Available to install in single gang or double gang enclosures, SDC door prop alarms also offer optional Keylock and Mortise Cylinder Reset/Bypass Switches.

- Adjustable Timed Delay
- Exit Alarm on Door Opening
- Automatic or Manual Alarm Reset
- Output Relays
- Integral Tri-color LED Status Indicator
- Optional Key Reset/Bypass Switch
- Compact Universal Mounting
- 85dB Piezo Buzzer Alarm

MODELS	
EA-SN	Door Prop Alarm, Single Gang w/ integral Status LED & Audible Alarm
EA-728V	Double Gang w/ integral Status LED, Audible Alarm & Keylock Switch for Reset/Bypass
EA-708V	Double Gang w/ integral Status LED, Audible Alarm & Mortise Key Cylinder Switch for Reset/Bypass (Cylinder not included)



SPECIFICATIONS

Power	12 or 24 VDC	Trigger Input	Dry, N/O or N/C (Selectable by on board jumper), Door Contact (Sold Separately)
Mounting	EA-SN: Single Gang 1/4" Aluminum Thick Plate w/ security screws EA-728, -708: – Double Gang 1/4" Aluminum Plate w/ security screws	Remote Reset/Bypass Input	Dry, N/O. Reset by momentarily shorting the input when alarmed. Bypass by shorting & holding the input when secure.
Alarm Sound Level	85dB Piezo Buzzer	Alarm Output	Form C, 2A @ 30VDC max
Status Annunciator	Tri-colored LED	Auxiliary Output	Form C, 2A @ 30VDC max. Follows Door Contact input, or Alarm output (field-selectable)

OPERATION

EA-SN

- LED is normally solid green and the alarm output relay is energized with power ON and the door closed.
- Opening the door initiates an alarm delay period. If door does not close before the delay period expires, then the LED turns RED, the audible alarm is activated and the alarm output relay is de-energized.
- Closing the door before the delay period expires will reset the delay period timer.
- The alarm delay period shall be field selectable from 0-60 seconds (via adjustable pot)
- There shall be (3) user-selectable options for resetting an alarm condition:
 1. Automatic reset on door closure
 2. Automatic reset 60 seconds after door closure. Re-opening the door during the 60 seconds will keep the door in an alarm condition until the door closes again, and restarts the 60 second timer. Once the door is closed, the door may also be manually reset using the remote reset input.
 3. Manual reset only – An alarm condition latches, and is not reset until the door is closed and the reset input is triggered.
- Bypassing the alarm by holding the reset/bypass input will result in a flashing green LED).

EA-728, EA-708

- LED is normally solid green and the alarm output relay is energized with power ON and the door closed.
- Opening the door initiates an alarm delay period. If door does not close before the delay period expires, then the LED turns RED, the audible is activated and the alarm output relay is de-energized.
- Closing the door before the delay period expires will reset the delay period timer.
- The alarm delay period shall be field selectable from 0-60 seconds (via adjustable pot)
- There shall be (3) user-selectable options for resetting an alarm condition:
 1. Automatic reset on door closure
 2. Automatic reset 60 seconds after door closure. Re-opening the door during the 60 seconds will keep the door in an alarm condition until the door closes again, and restarts the 60 second timer. Once the door is closed, the door may also be manually reset using the remote reset input OR built-in keylock.
 3. Manual reset only – An alarm condition latches, and is not reset until the door is closed and (1) the remote reset input is momentarily triggered OR (2) the built-in keylock is momentarily turned to the "Reset" position.
- The alarm may be bypassed by shorting & holding the remote reset/bypass input, OR by turning the built-in keylock to the "Bypass" position. Returning the keylock to the center position will rearm the door.
- Bypass mode will result in a flashing green LED.

ACCESSORIES



DPS-11 Ball Switch Door Position Sensor

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.



MC-4M Concealed Magnetic Contact Door Position Sensor

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.



MC-4PAK Magnetic Switch Door Position Sensor - 10 pack

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



MC-7 High Security Magnetic Switch Door Position Sensor

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.



CYL-KD 1-1/8" Key Cylinder

with 2 keys, keyed differently, for use with EA-708

EA100 Multi Mode Exit Annunciator®

SDC DESIGNED AND MANUFACTURED

The SDC Exit Annunciator® is a highly visible multi-color signal device, that interfaces with Delayed Egress or standard EMLocks and can be used as a wall, ceiling, or frame mount indicator.



Brand
Compatibility

SDC
Rofu

Schlage
Secolarm

RCI
Dynalock

Securitron
DoorKing

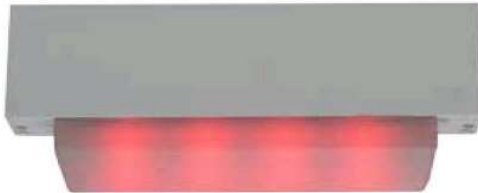
FEATURES

- Easy to install
- Suitable for retrofit or new construction
- Externally selectable color modes of Red, Green, Blue, White, Yellow and Purple
- Multi color LED technology
- Externally selectable Solid or Flashing Modes
- Includes optional Illumination Hood for improved side visibility

MODELS

EA100 Multi-Color Signal Device

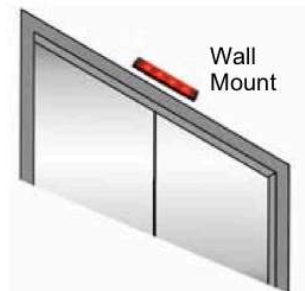
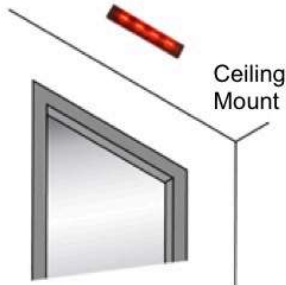
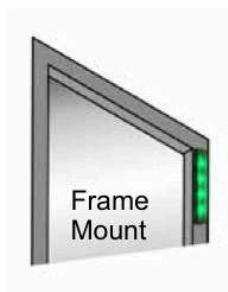
Multi-Use



Multi-Brand



Stand Alone Multi-Mount



SPECIFICATIONS

Dimensions:

EA100 8-3/4" x 1-1/2" x 3/4"

Hood 8-7/8" x 1-5/8" x 1-1/2"

Electrical 12/24 VDC @ 80/100mA max power

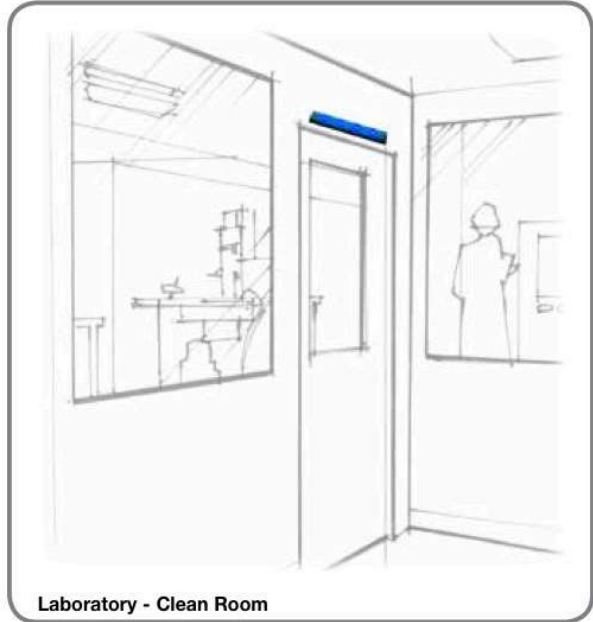
Weight 0.45 lbs



APPLICATION



Airport - Alarmed Exit



Laboratory - Clean Room



Nurse Care - Wandering Patient



Retail - Alarmed Exit

400U Series

Wall & Frame LED Status Indicators

The SDC 400U Status Indicator are used for single gang and narrow frame mount assemblies. It is equipped with LED status indicators to provide indication of door or lock status.



FEATURES

- Easy to Install
- Single Gang or Narrow Frame Mount
- Multi Color LED Technology

SPECIFICATIONS

Faceplate	Stainless Steel
Dual Voltage	12/24VDC, 20 mA per LED
Weight	1.0 lbs

MODELS

- 400U-L2** SDC Monitor Station, 1-Gang, (2) LED's
- 400NU-L2** SDC Monitor Station, Narrow Plate, (2) LED's
- 400U-L3** SDC Monitor Station, 1-Gang, (3) LED's
- 400U-LT1** SDC Monitor Station, 1-Gang, (1) Tri-Color LED, Red, Green, Amber
- 400U-LT2** SDC Monitor Station, 1-Gang, (2) Tri-Color LED, Red, Green, Amber



400 Series Wall & Frame Mount Sirens & Buzzers

The SDC 400 Siren and Buzzer Series are used for single gang or narrow frame mount assemblies to provide indication of door open or unlocked status.

FEATURES

- Easy to Install
- Single Gang or Narrow Frame Mount
- Buzzer or Siren Alert Warning

SPECIFICATIONS

Faceplate	Stainless Steel
Dual Voltage	12/24VDC
Weight	1.0 lbs



400U-SN



400NU-SN



400U-RBM



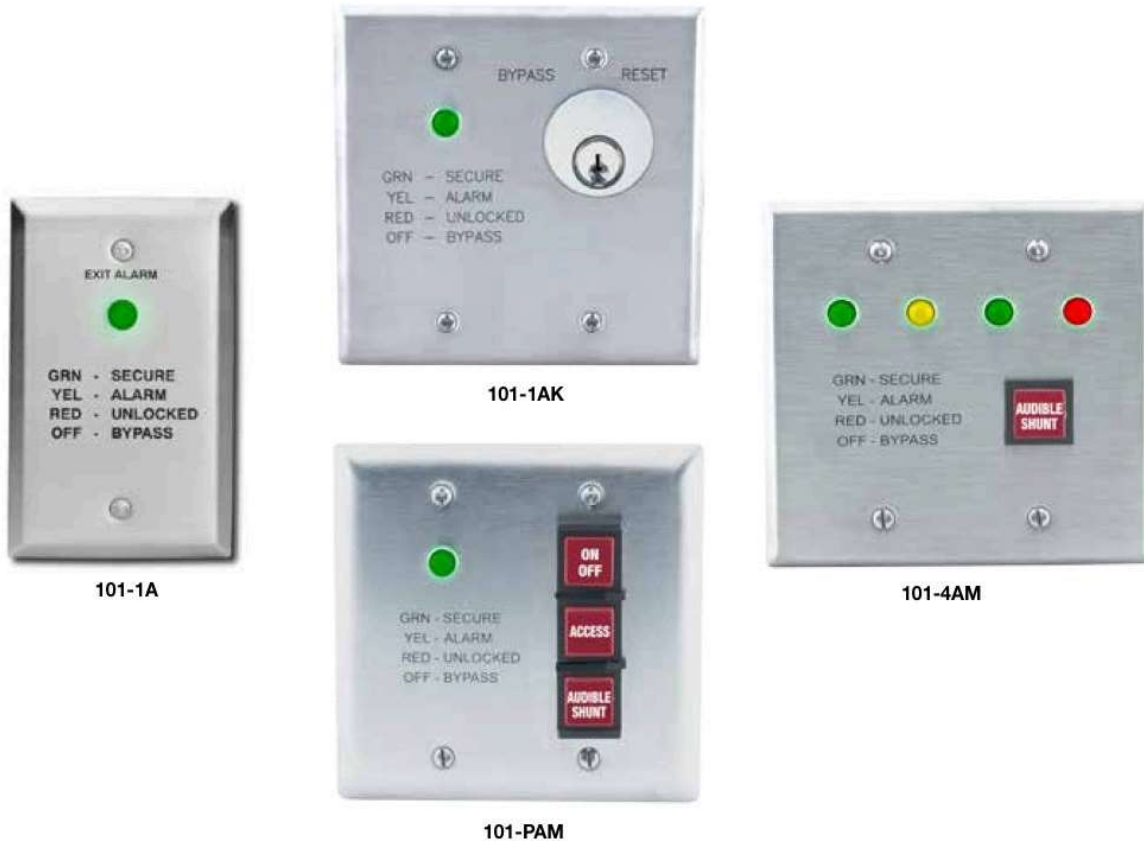
400NU-RBM

MODELS

- 400U-RMB** SDC Alarm Station, 1-Gang, Buzzer 86dbA, 24 mA @ 24VDC
- 400NU-RMB** SDC Alarm Station, Narrow 1-3/4", SS, Buzzer 86dbA, 24 mA @ 24VDC
- 400U-SN** SDC Alarm Station, 1-Gang, Siren 85 db, 18mA @ 24VDC
- 400NU-SN** SDC Alarm Station, Narrow 1-3/4", Siren 85 db, 18mA @ 24VDC



101 Series Annunciators



Compatible with all ExitCheck® systems, the 101 Series Annunciators provide door status at a remote location such as a nurse’s station, guard station or office. The tri-color LED provides precise delay mode status.

SPECIFICATIONS

Faceplate	20 Gauge Stainless Steel
Voltage	20 mA @ 12/24VDC
LED	Tri-Color Green (Secure), Amber (Alarm/Door Locked), Red (Alarm/Door Unlocked)
Weight	1.5 lbs

MODELS

101-1A	Single Door Annunciator
101-4AM	Four Door Annunciator
101-1AK	Single Door Annunciator with Key Control
101-PAM	Single Door Annunciator with Push Switch
101-SP	External 15 Watt Speaker
101-SPSN	Remote Annunciator with Speaker & Siren



PRODUCT SKU SAMPLE: **101-SPSN**

 **HOW TO ORDER**

1) SPECIFY MODEL

Model	1 Gang	2 Gang	Tri-Color LED	Audible Alarm	Description
101-1A	X		X	X	Remote or local single door annunciator
101-4AM		X	4 LEDs	X	Remote four door annunciator with audible alarm mute button
101-1AK		X	X	X	Remote or local single door annunciator with 2 function key switch for on/off and reset. Accepts standard 1-1/8" to 1-1/4" Mortise key cylinder (Mortise key cylinder not included).
101-PAM		X	X	X	Remote single door annunciator with 3 push button switches for momentary access. On/off and audible mute button (Recommended for remote installation only).
101-SP	External 15 watt speaker connects directly to 1511S or 1511T for enhanced decibels onsite or remote voice message annunciation. Speaker driver may be provided by others for extreme decibel requirements.				
101-SPSN	X				Remote annunciator with speaker and 80db tone. Duplicates ExitCheck 101-DE/KDE alternating voice message and tone.



101-1A



101-4AM



101-PAM



101-1AK



101-SPSN

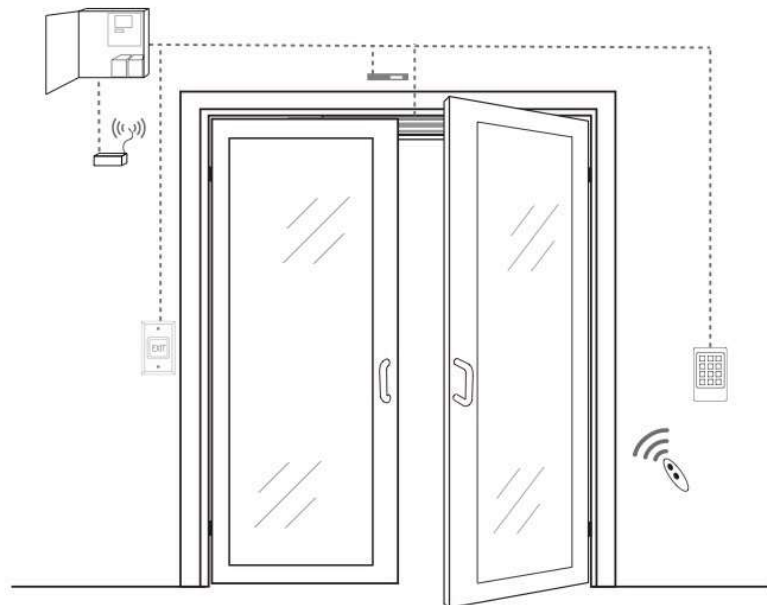


101-SP



Accessories

From wireless remote controls to durable door holding & release devices, to REX sensors, timers, ball and magnetic switches, and from concealed contact to universal mounting enclosure - there's an SDC accessory to complement or enhance almost any access or egress component we sell.



EH Series Magnetic Door Holder & Releasing Device

SDC EH Series Magnetic Door Holders, are designed to hold doors open and release the door by remote switch or fire life safety command center activation. Primary application includes holding and releasing of fire rated doors that are required to provide a barrier for fire and smoke in an emergency or the convenience of door closure by remote control.

- Field Selectable High Holding Force, 75 or 110lbs
- For Self Closing Fire & Smoke Barrier Doors
- Door Released & Closed Upon Power Loss or Fire Life Safety System Activation



FEATURES

- **Choice of 25, 30, 35 or 40lbs holding force**
Determined by units specified voltage
- **Very low power consumption**
Reduced power supply requirements & energy costs
15mA, 20mA or 40mA (see performance data)
- **High Holding Force standard***
Reduces stock or need to special order high holding force. Determined by field selected voltage input
*Not available with 24/220V units
- **Choice of 3 dual AC/DC voltages**
 - ▶ **1224 Voltage Inputs**
12V/30lbs; 24V/30lbs; Apply 24V to 12V input for 75lbs
 - ▶ **24120 Voltage Input**
24V/40lbs; 120V/35lbs; Apply 120V to 24V input for 110lbs
 - ▶ **24220 Voltage Inputs**
24V/40lbs; 220V/25lbs. *High holding force not available
- **Screw terminal block input connections**
No wire nuts or pigtails for simple and neat wiring.
- **Innovative installation**
Eliminates need for secondary alignment adjustments
- **Self aligning catch plate & adjustable magnet centerline**
Ball pivot assembly enables full plate contact and holding force. Optional adjustable rod compensate for extreme misalignment up to 4 inches. Slotted mounting holes enable adjustment of magnet centerline.

MODELS

Choice of 5 Durable Die Cast Models

- EH10** Flush Mount
- EH20** Semi-Flush Mount
- EH30** Surface Mount
- EH40** Floor Mount
- EH42** Double Floor Mount





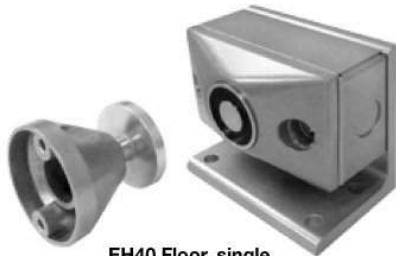
EH10 Flush



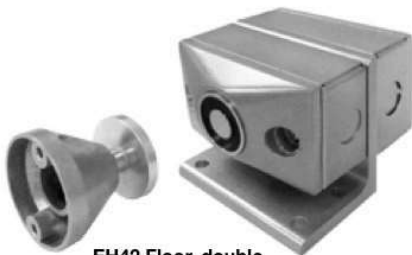
EH20 Semi-Flush



EH30 Surface



EH40 Floor, single



EH42 Floor, double

PRODUCT SKU SAMPLE: **EH30 1224 A**



HOW TO ORDER

1| SPECIFY MODELS

- EH10** Flush Mount
- EH20** Semi-Flush Mount
- EH30** Surface Mount
- EH40** Floor Mount, Single
- EH42** Floor Mount, Double

3| SPECIFY FINISH

- A** Chrome Powder Coat
- P** 625 Chrome Plated
- C** 605 Brass Plated

2| SPECIFY VOLTAGE

- 1224** 12/24VAC/DC
- 24120** 24VAC/DC/120VAC
- 24220** 24VAC/DC/220VAC



SPECIFICATIONS

Materials	Zinc Alloy
Voltage	Standard dual voltage AC or DC inputs of 12 & 24V, 24 & 120V, 24 & 220V models
Holding Force	Typical holding force of 25-40 pounds; performance value can be increased to 75 lbs or 110 lbs on special applications (see performance data)
Mount	Single or double coil floor, surface, flush, or recessed mount
Total Projection	Flush mount: 2-11/32" Semi-flush mount: 3-1/16" Surface mount: 4-5/8" Floor mount (single door): 5" Floor mount (double door): 9-5/8"
Fasteners	Hardware package, mounting bracket
Notes	Optional aluminum extension and misalignment rods available Drill fixture available Replacement catch plate and catch plate assembly available Adhesive template included
Weight	2.0 lbs

PERFORMANCE DATA

Model	Voltage	DC/mA	AC/mA	Terminals	LB.	KG.
1224	12V	40	38	C&L	30	13.6
	24V	40	36	C&H	30	13.6
24120	24V	20	19	C&L	40	18.1
	120V	—	20	C&H	35	15.8
24220	24V	20	19	C&L	40	18.1
	220V	—	15	C&H	25	11.3

HIGH HOLDING FORCE / SPECIAL APPLICATIONS

Model	Voltage	DC/mA	AC/mA	Terminals	LB.	KG.
1224	24V	85	81	C&L	75	34.0
24120	120V	—	100	C&L	110	49.8

To obtain performance values in high holding force table above apply high listed voltage to low voltage terminals (C & L). NOTE: This configuration can only be applied to models 1224 & 24120.

ACCESSORIES

EXTENSION RODS:

Extensions Rod(s) may be required to ensure proper installation by providing increased reach for the Armature Catch Plate. Adjustable Extension Rods provide increased operational alignment where needed to ensure the best door holder operation and performance.



HOW TO ORDER

1| SPECIFY MODELS

Extension Rod

Refer to Figure A to determine correct rod length for each individual openings installation and adjustability requirements

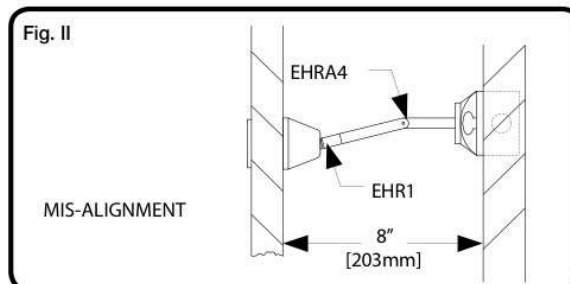
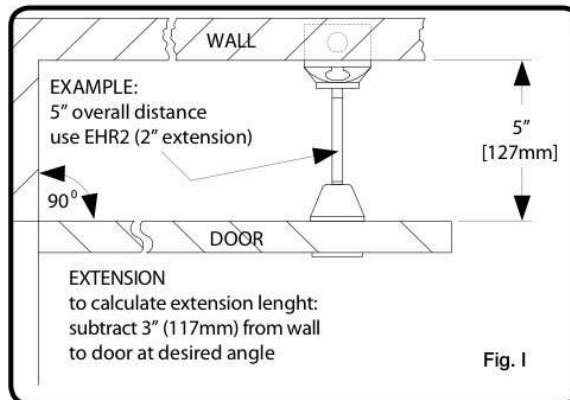
- EHR02** 1/2" Extension Rod
- EHR1** 1" Extension Rod
- EHR15** 1½" Extension Rod
- EHR2** 2" Extension Rod
- EHR3** 3" Extension Rod
- EHR4** 4" Extension Rod
- EHR5** 5" Extension Rod

Adjustable Extension Rods

- EHRA15** 1-1/2" Adjustable Extension Rod
- EHRA4** 4" Adjustable Extension Rod

2| SPECIFY FINISH

- A** Chrome Powder Coat
- P** 625 Chrome Plated
- C** 605 Brass Plated



HOW TO DETERMINE EXTENSION ROD & ADJUSTABLE ROD LENGTH

Extensions Rod Application: Refer to Fig. I for Aligned Catch Plate and Door Holder

Adjustable Rod Application:

Refer to Fig. II for Misaligned Catch Plate and Door Holder

1. Hold door open at desired position.
2. Measure distance between door and wall.
3. Subtract below dimension indicated for door holder style

Flush Mount: Subtract 3" from measured distance to determine minimum rod length.

Recessed Mount: Subtract 2-3/8" from measured distance to determine minimum rod length.

Surface Mount: Subtract 4-5/8" from measured distance to determine minimum rod length.

 ACCESSORIES



EHBB SURFACE BACK BOX
2-25/32" x 4-7/8" x 1-1/2"
Supplied with EH30, EH40, EH42



EHDF DRILLING FIXTURE
Attach to door for quick and accurate hole location



EHCP CATCH PLATE
Replacement for the catch plate assembly



EHW EXTENSION WRENCHES
Used to tighten extension rods to catch plate assembly



EHSB CATCH PLATE ASSEMBLY
Swivel design allows catch disc to move in all directions to assist with slight misalignment issues

WRC Series

2 Channel Wireless 433MHz Transmitter & Receiver



WRC-2B

FEATURES

- Transmits and Receives at 433.92MHz Frequency
- Transmitter operates with WRC-R2
- Transmitter features Pendant Keychain type housing
- Receiver includes 12", 8-Wire Pigtail for Quick Installation



- Capacity to learn up to 30 Transmitters codes per Receiver unit via onboard Learning Button and Status LED



WRC-R2

SDC's **WRC Series** 2-Channel wireless transmitter/receiver solution is specifically designed to be used as a receptionist button or remote release for single or dual door access control applications. Receiver has the capacity to learn up to 30 fixed transmitter codes using the onboard learning button and status LED.



MODELS



WRC-R2

433MHz Two Channel
Wireless Receiver



WRC-2B

433MHz Two Button Pendant
Wireless Transmitter

- 4 field-selectable Operation Modes:
 - Timed (3s):** Remote button "A" activates relay "A" for 3 seconds (fixed); remote button "B" activates relay "B" for 3 seconds (fixed). Both relays may be activated at the same time.
 - Toggle:** Pressing remote button "A" activates relay "A". Relay "A" remains active until remote button "A" is pressed again; Pressing remote button "B" activates relay "B". Relay "B" remains active until remote button "B" is pressed again. Both relays may be activated at the same time.
 - Manual (M) (default):** Pressing remote button "A" activates relay "A". Relay "A" remains active only while remote button "A" is pressed; Pressing remote button "B" activates relay "B". Relay "B" remains active only while remote button "B" is pressed.
 - Latching (L):** Pressing either remote button activates its respective relay. The relay remains active until the other remote button is pressed, activating its respective relay.



291

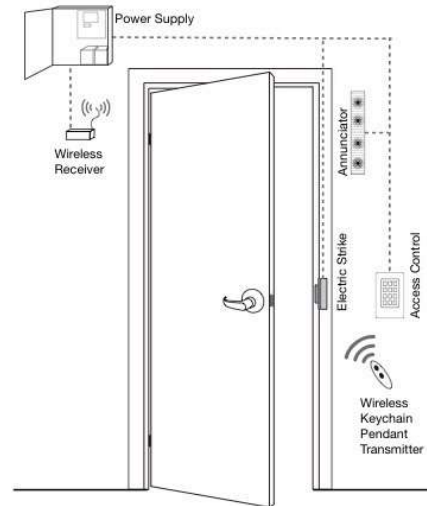
SPECIFICATIONS
RECEIVER

Carrier Frequency	433.92 MHz
Power Supply	24VDC
Relay Outputs	Two (2) Dry, SPDT
Contact Rating	10A @ 30VDC (resistive)
Current Consumption	9mA @ 24VDC (standby), 46mA (max)
Temperature	-22F — 140F
Dimensions	2.5"W x 1.75"W x 1.2" Deep

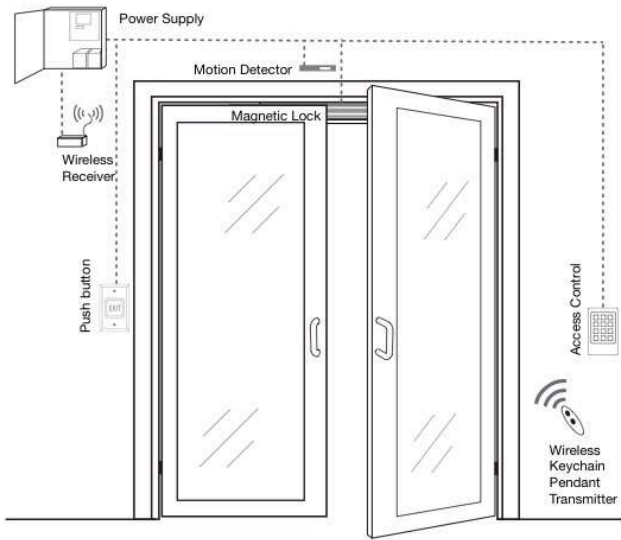
TRANSMITTER

Voltage Input	6VDC (2x CR2016 3V Lithium included)
Frequency	433.92MHz
Transmitting Distance	165 feet (without obstructions)
Operates with	WRC-R2
Dimensions	2.25"L x 1.125"W x .5" plus attached clip
Activation	Hold 'A' or 'B' button for 1 second

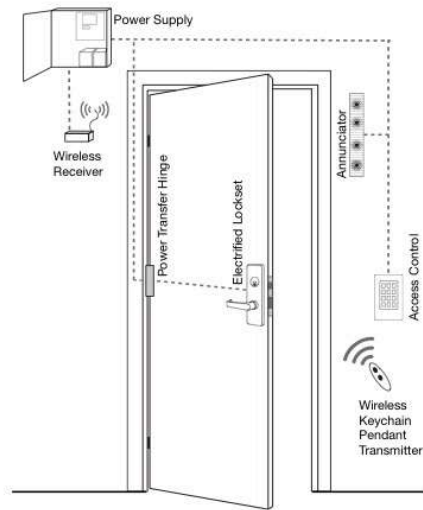
APPLICATIONS
SINGLE DOOR WIRELESS ELECTRIC STRIKE SOLUTION



DOUBLE DOOR WIRELESS EMLOCK SOLUTION



SINGLE DOOR WIRELESS ELECTRIC LOCKSET SOLUTION



ACCESSORIES

- 602RF** 1 Amp, 12/24VDC Power Supply, UL 294
- 631RF** 1.5 Amp, 12/24VDC Power Supply, UL 294



See <http://www.sdcsecurity.com/power-controllers.htm> for full series of SDCs Power Supplies.

- 918** Indoor, single gang keypad
- 920** Indoor/outdoor, heavy duty surface mount keypad



- MD-31D** Motion detector with time delay
- EA100** Multi-LED exit annunciator



MD31D

Request-to-Exit PIR Sensor



The SDC MD31D Passive Infrared Detector is specifically designed for request-to-exit applications. 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 complies with national fire and building code requirements for Access Controlled Egress Doors listed below:

- IBC International Code 1008.1.3.4
- IFC International Fire Code 1008.1.3.4
- NFPA 101 Life Safety Code 7.2.1.6.2
- NFPA 1.15.5.3.2
- BOCA National Building Code 1017.4.5
- SBCCI Standard Building Code 1012.7

FEATURES

- Adjustable 1-60 Second Time Delay
- May be Mounted to Frame Header, Wall or Ceiling
- Complies with NFPA Applications

MODELS	
MD31D-W	PIR Motion Detector, White
MD31D-B	PIR Motion Detector, Black

SPECIFICATIONS

Input	12 or 24 VDC/VAC @ 26mA max.
Contact	2 SPDT Dry, 1 Amp @ 30VDC
Operating Temperature	14°F to 120°F (-21°C to 50°C)
Dimensions	2"H x 7"W x 2"D

CODE COMPLIANT EGRESS SENSOR

PIR egress sensor with failsafe mode (lock releases when power to PIR sensor is interrupted).



10TD Mini Timer

The SDC 10TD is a field adjustable 1-60 second miniature time delay relay designed for timed unlocking of electric locks.



SPECIFICATIONS

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

FEATURES

- Small Size Allows it to Fit Easily into a Single Gang Box or Inside a Door Frame



MODEL

10TD Mini Time Delay Relay



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



SPECIFICATIONS

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

FEATURES

- Memory Battery Backup Capability



MODELS

- 14-2** Seven Day, Skip-A-Day Timer, 24VAC/DC
- 14-2-12** Seven Day, Skip-A-Day Timer, 12VAC/DC



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.



SPECIFICATIONS

Contact	SPDT Dry, 4 Amps @ 30VDC
Faceplate	2.75"H x 1.25"W x 0.125"D
Switch Depth	1.25"
Finish	628 Satin Aluminum
Weight	1.0 lbs

FEATURES

- Electromechanical Ball
- Adjustable Switch

MODELS

DPS-11	Ball Switch, SPDT
DPS-11-2	Ball Switch , (2) SPDT



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.



SPECIFICATIONS

Contact	SPDT, 50mA @ 30VDC
Faceplate	4.875"H x 1.25"W x 0.125"D
Switch Depth	0.5"
Finish	628 Satin Aluminum
Weight	1.0 lbs

FEATURES

- Recessed Magnetic Mounted on 1-1/4" x 4-7/8" Plate

MODEL

MC-4M	Concealed Magnetic Contact
--------------	----------------------------



MC-4 Magnetic Switch

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



SPECIFICATIONS

Contact	SPDT, 50mA @ 30VDC
Door/Frame Preparation	0.75" Diameter x 1" Deep
Gap	0.5"

FEATURES

- Recessed Magnetic Contact

MODEL
MC-4PAK Magnetic Switch, 10 pack



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. Black color.



SPECIFICATIONS

Contact	SPDT, 50mA @ 30VDC
Door/Frame Preparation	1" Diameter x 1" Deep
Gap	0.5"

FEATURES

- Biased High Security
- Magnetic Contact

MODEL
MC-7 High Security Magnetic Switch



UME

Universal Mounting Enclosure

Universal Module Enclosure for single modules
 Universal mounting standoffs will accommodate
 FB-4, UR-1, 12VR, ACM-1, PB-16, PB-8, PSM,
 621B, or LR100EM boards



SPECIFICATIONS

Dimension 5-5/8"H x 7-11/16"W x 3-3/8"D


 **MODEL**
UME Back Box - off-white

APB1000A

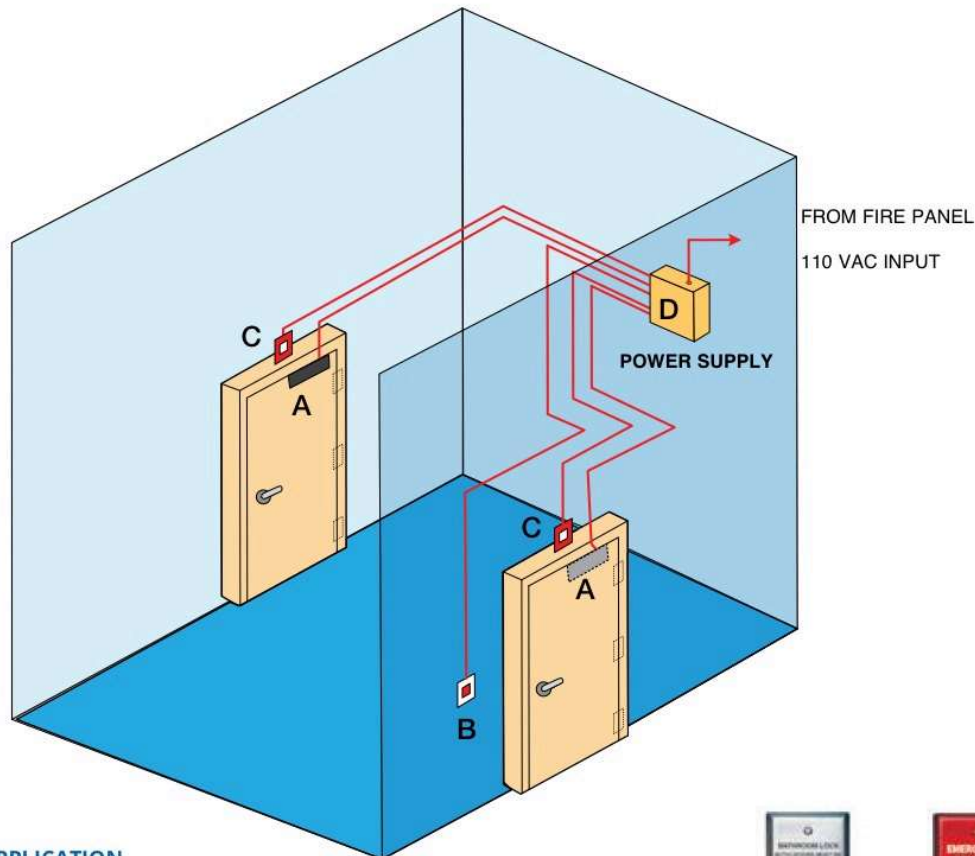
Emergency Access Panel

Emergency Access Panel for
 Lobby Door System (see page
 305), includes mushroom button
 with key reset and siren.



 **MODELS**
APB1000A Emergency Access Panel

Communicating Bathroom EMLock® Solution



APPLICATION

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, 1571-DPS, 1581-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.

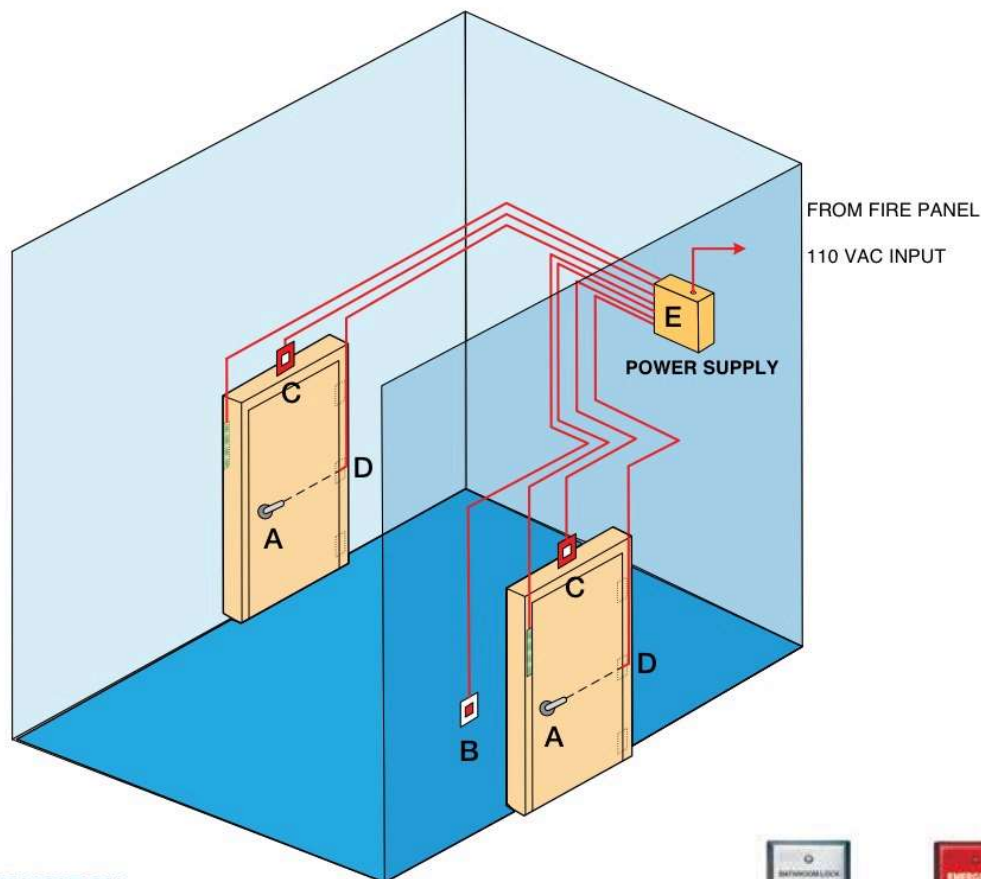


CB401-A
CB402-A



CB401-B
CB402-B

Communicating Bathroom Selectric® or Electra® Solution



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-R
- (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.



CB401-A
CB402-A

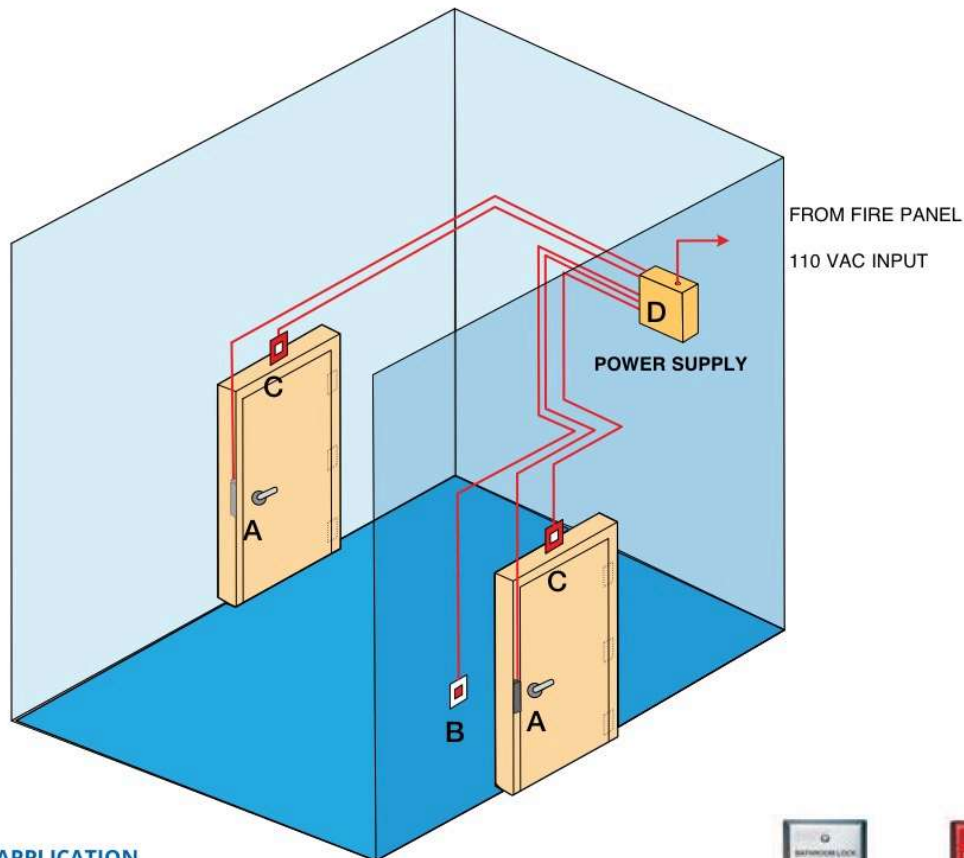


CB401-B
CB402-B



UR1

Communicating Bathroom HiTower® or Electric Strike Solution



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.



CB401-A
CB402-A



CB401-B
CB402-B

SYSTEM COMPONENTS

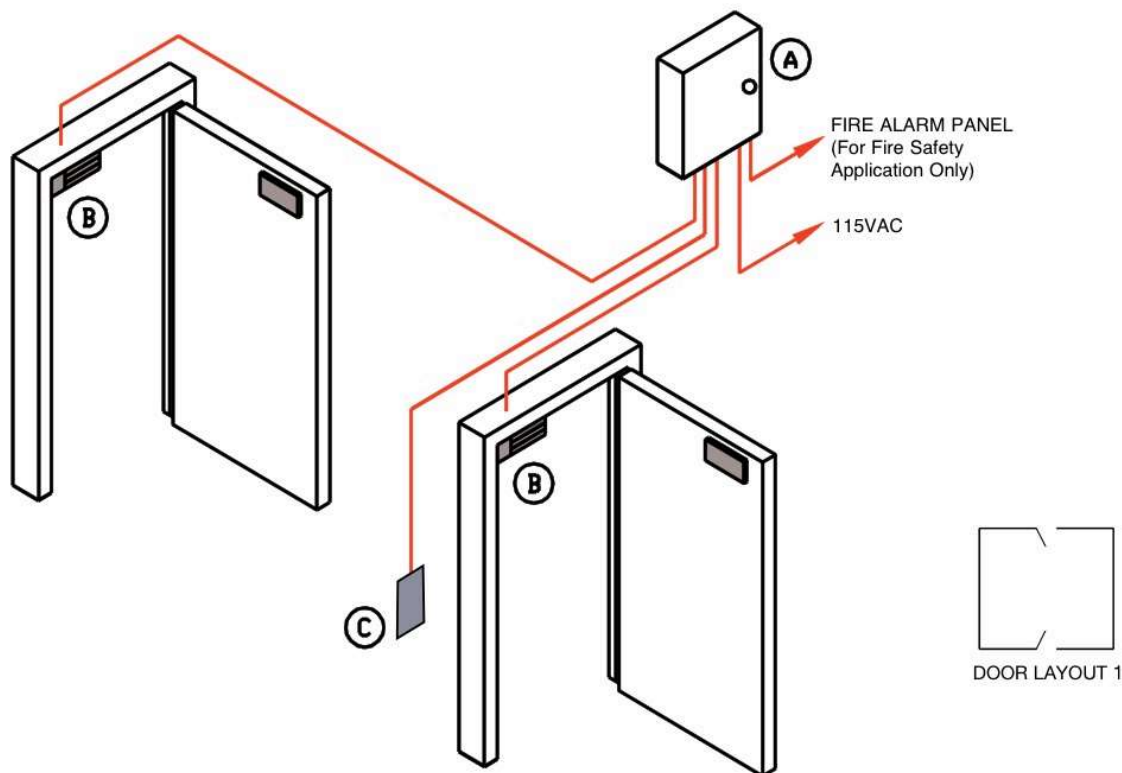
- (A) Fail Safe locks with latch bolt monitoring. Examples: 7550-L or 45-4SU
- (B) CB402A System activation push switch.
- (C) CB402B Emergency release push switch to be mounted above each door. CB702B key switch optional.
- (D) 631RFxUR1 Power Supply with Fire Panel Tie-In.



UR1

2 Door Interlock 'A'

3 and 4 Door Interlock Available



APPLICATIONS

Darkrooms, laboratories, clean rooms, x-ray or other treatment rooms, light and air trap rooms and more.

SYSTEM OPERATION

All doors remain closed and unlocked. Opening either door causes the second door to lock until the opened door returns to the closed position. A key switch is provided for system activation and deactivation.

SYSTEM COMPONENTS SHOWN

- (A) 631RFA-UR2-4 Power Supply
- (B) 1511-DPS EmLock
- (C) 701 System On-Off Key Switch

ALTERNATE "B" COMPONENTS

Refer to literature for lock specifications.

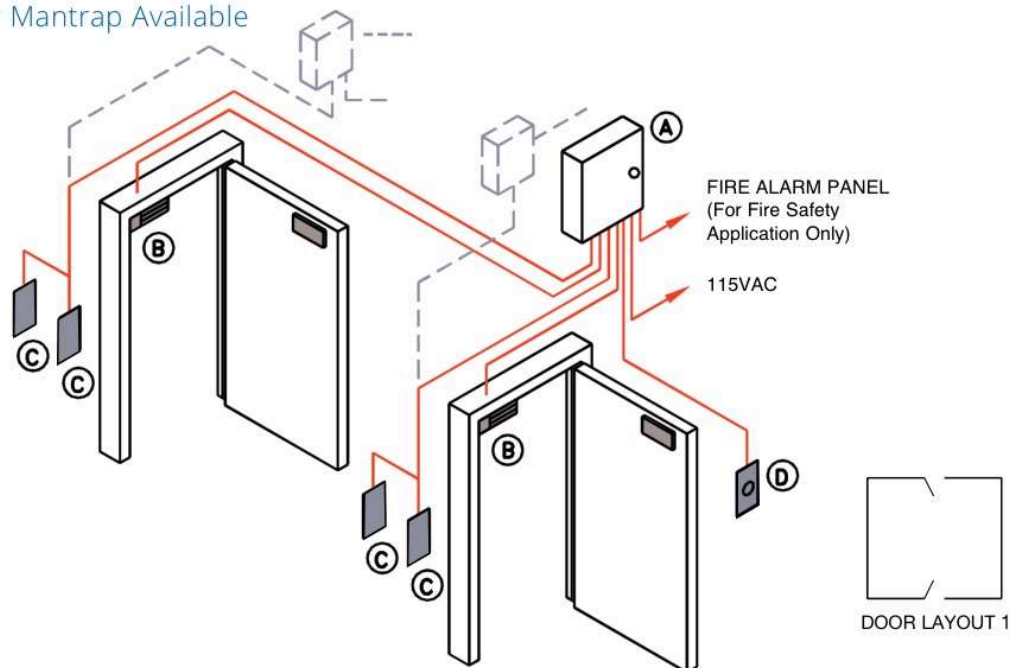
EmLocks	Electric Strikes	HiTower	Bolt Locks
1581-DPS	▶ 55-A-LBM	7530-L	FS23M-D
1565-DPS	▶ 55-B-LBM	7830-DS	1190A-D
1511-DPS-TJ	▶ 55-C-LBM	▶ 7560-L	1091A-D

- ▶ Indicates Fail Secure

NOTES: Consult factory for 3 and 4 door interlocks. Operation and configurations shown may be altered for specific job application needs. Consult factory for more information. Component changes may require system design/schematic changes. Consult factory.

2 DOOR MANTRAP 'B'

3 and 4 Door Mantrap Available



APPLICATIONS

Laboratories, clean rooms, money counting rooms, restricted dark rooms, computer rooms and more.

SYSTEM OPERATION

Both doors are normally closed and locked. Unlocking either door causes the other to be incapable of being unlocked. A key switch (D) is provided for system activation and deactivation. Doors are accessed by Digital Keypad (C).

SYSTEM COMPONENTS SHOWN

- (A) 631RFA-UR2-4
- (B) 1511-DPS-BAS or 1511-BAS
- (C) 918 Digital Entry Momentary Access
- (D) 701 Key Switch ON-OFF

ALTERNATE "B" COMPONENTS - Refer to literature for lock specifications.

EmLocks	Electric Strikes	HiTower	Bolt Locks
1565-DPS-BA	▶ 55-A-LCM-LBM	7530-S	FS23M-BD
1511-DPS-BAS-TJI	▶ 55-B-LCM-LBM	▶ 7560-S	1190A-BD
		7830-DS	

▶ Indicates Fail Secure

ALTERNATE "C" COMPONENTS/ACCESS CONTROL - Refer to literature for switch specifications.

Key Switch	Desk Switch	Keypad	Card or Keypad Reader
702	15-2	918	920
702N		920	920P
802			
802N			

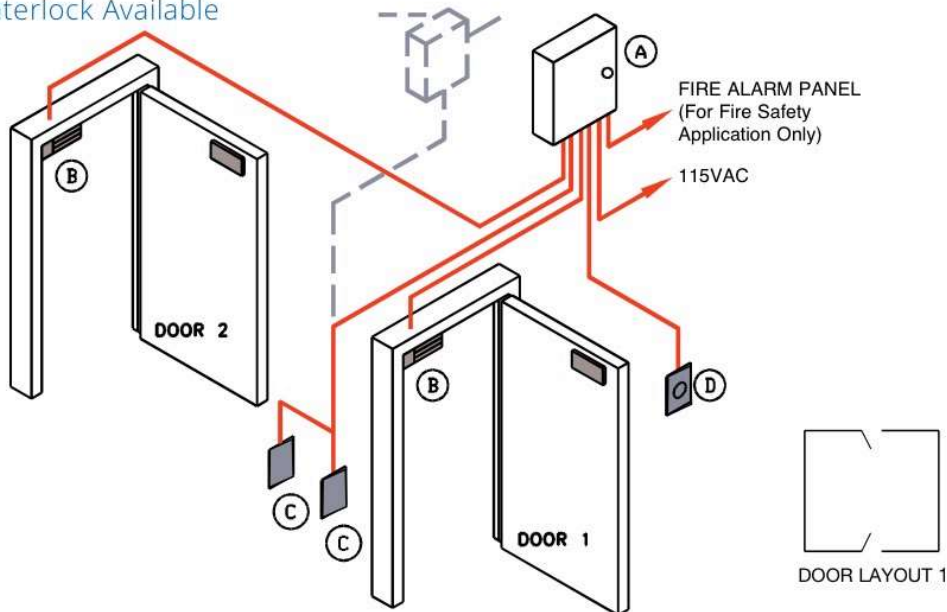
ALTERNATE "D" COMPONENTS/ON-OFF SWITCH - Refer to literature for switch specifications.

Desk Switch	Push Switch
15-1 ON-OFF	425 ON-OFF

NOTES: Consult factory for 3 and 4 door mantraps. Operation and configurations shown may be altered for specific job application needs. Consult factory for more information. Component changes may require system design/schematic changes. Consult factory for Control and Monitoring Panel applications.

2 Door Interlock 'C'

3 and 4 Door Interlock Available



APPLICATIONS

Laboratories, clean rooms, money counting rooms, restricted dark rooms, computer rooms and more.

SYSTEM OPERATION

Door 1 is locked, Door 2 remains unlocked. When Door 1 is unlocked, Door 2 locks. When Door 2 is opened, Door 1 cannot be unlocked. A key switch (D) is provided for system activation and deactivation. Door 1 is accessed by Digital Keypad.

SYSTEM COMPONENTS SHOWN

- (A) 631RFA-UR2-4 Power Supply
- (B) 1511-DPS-BAS EmLock
- (C) 918 Digital Entry Momentary Access
- (D) 701 Key Switch ON-OFF

ALTERNATE "B" COMPONENTS - Refer to literature for lock specifications.

EmLocks	Electric Strikes	HiTower	Bolt Locks
1565-DPS-BA	▶ 55-A-LCM-LBM	7530-S	FS23M-BD
1511-DPS-BAS-TJI	▶ 55-B-LCM-LBM	7830-DS	1190A-BD
		▶ 7560-S	

▶ Indicates Fail Secure

ALTERNATE "C" COMPONENTS/ACCESS CONTROL - Refer to literature for switch specifications.

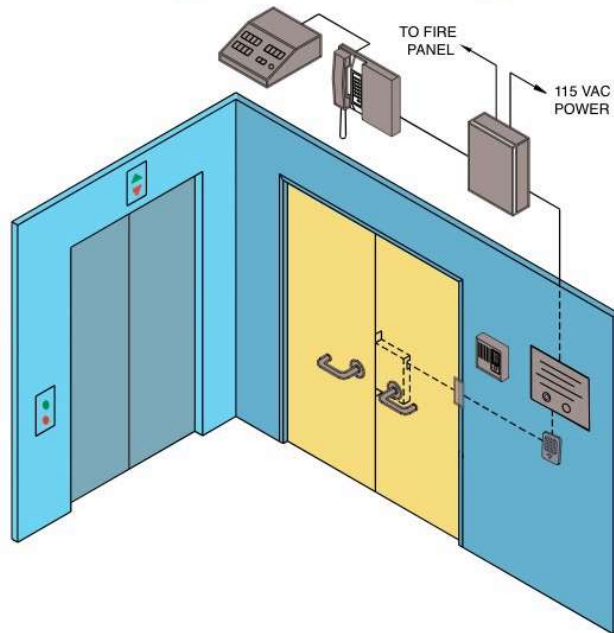
Key Switch	Desk Switch	Keypad	Card or Keypad Reader
702	15-2	918	920
702N		920	920P
802			
802N			

ALTERNATE "D" COMPONENTS/ON-OFF SWITCH - Refer to literature for switch specifications.

Desk Switch	Push Switch
15-1 ON-OFF	425 ON-OFF

NOTES: Consult factory for 3 and 4 door interlocks. Operation and configurations shown may be altered for specific job application needs. Consult factory for more information. Component changes may require system design/schematic changes.

Elevator Lobby Door System



SYSTEM OPERATION

Many high-rise building tenants that occupy a complete floor may have a problem when it comes to securing their elevator lobby doors. These doors lead through office space to the emergency exit stairwell doors. People must have free access to the stairwell at all times. This leaves some companies vulnerable to transient traffic, theft and loss of proprietary information. SDC manufactures a lobby door security system which meets both fire life safety and security needs.

The elevator lobby doors are normally closed and locked by SDC Model Z7850 Fail-Safe lockset. The intercom system provides two-way communication to the security desk. When a call is placed from the elevator lobby, the security desk personnel can momentarily release the SDC Z7850 lockset by using the SDC Desk Console (Model DTMO-1). If there is no response from the security desk personnel, the person in the elevator lobby can depress the red exit palm push button on the Alarm Panel Sign (SDC Model APB-1000). When the red exit switch is activated, the SDC Model Z7850 lock will immediately release and an alarm will sound in the elevator lobby and the security desk console.

An authorized person can reset the lockset, turn off the alarm and return the system to the normal secured operation by using the built-in Key Reset on the red exit palm push button switch. Personnel may always obtain access to the offices by use of an access control system. Egress from the office to the lobby is accomplished by rotating the inside lever.

A SDC Series 600 Power Supply will provide 24VDC power to the locks, Security Desk Console and alarm. The emergency control relay within the power supply will turn off the system power when activated by a building fire alarm device. The SDC Model Z7850 lockset will release immediately when power is removed.

SYSTEM COMPONENTS SHOWN

- (1) SDC-Z 7850 Lock
- (2) SDC-PTH-4 Power Transfer Hinge
- (3) 920P Stand Alone Proximity Reader
- (4) SDC-APB 1000 Sign with Release Push Switch and Alarm
- (5) Intercom/CCTV by others
- (6) SDC-631RF Power Supply
- (7) SDC-DTMO-1, RCC or TCC Door Control Console and Annunciator

NOTE: All system field wiring is to be installed in accordance with all local building codes and the approval of the local authority having jurisdiction. All wiring is to be done by a licensed Access Control or Fire and Life Safety specialist.



800-413-8783 SERVICE

Security Door Controls Customer Service



If you've ever been on the job and need an answer, we know that time is of the essence. And, there's nothing like speaking to a real person for what you need, when you need it.

Med "...a spectacular resource."

**"It is good to have a company
that goes above and beyond..."**

**"I appreciate you helping me with this order
and getting it to me as quick as you did."**

SDC Customer Support is available
Monday – Friday, from 6:30 am to 5:00 pm PST
800.413.8783 • service@sdccsecurity.com

PO Box 3670
Camarillo CA 93011-3670

801 Avenida Acaso
Camarillo CA 93012

805.494.0622
800.413.8783

Mobile Resource	For Sales Calls, Onsite Installation, Dealers, Specifiers, & Engineers	Document Library	PDF Datasheets, 3-Part Specs, Instructions, Templates & Cad
20 Product Categories	Access Control Equipment Electric & Mechanical Locking Devices	System Library	Cross Brand Compatible Riser & Point-To-Point System Wiring
Video Library	Video Demos for Sales, Installations, Product & Sytem Application	Social Links	Latest News thru LinkedIn, Facebook, Twitter & Youtube



800-413-8783 SERVICE

Corporate Warehouse Camarillo, CA 93012



Regional Warehouse Baltimore, MD 21030



- 1 day
- 2 days
- 3 days
- 4 days
- 5 days
- 6 days

shipQUICK

Over 100 SDC products are available for shipment the next business day from the SDC warehouse nearest you. Visit us at www.SDCsecurity.com and download your copy of the shipQUICK inventory so you know first hand which products SDC can expedite for you.

Quality

SDC is a Progressive Quality Assurance™ manufacturer that practice a quality management program based on continued improvement of daily operations, product quality and customer satisfaction.

Vision

We want to be recognized for providing the highest quality products and complete customer satisfaction.

Mission

The management and employees of SDC are committed to providing innovative, high quality security products and services that meet our customer needs. Through training and continuous process improvement, we will endeavor to deliver the highest quality product to our customers on time, every time.

Icon Index

 Made in the USA	 Lifetime Warranty
 UL Listed	 3 Year Warranty
 Grade 1	 5 Year Warranty
 CE Listed	 Field Selectable
 Weather Resistant	 ADA Compliant
 Available through shipQUICK Inventory	 Power over Ethernet Capable Locking Hardware



LIMITED WARRANTY

Security Door Controls (SDC) warrants that all new products sold by us are free from defects in material and workmanship and fit for the purpose intended by SDC when properly installed in accordance with the appropriate factory instructions and template for a period, from the date of shipment as follows:

Lifetime: EMLock Series electromagnetic locks and Exit Check Series Delayed Egress Electromagnetic Locks, excluding Exit Check delayed egress PC board assemblies, purchased since January 1, 2006 are warranted for the life of the product. Excel Series Electromagnetic Locks and 600 Series power supplies purchased since January 1, 2012 are warranted for the life of the product.

5 Years: All other SDC products, including Exit Check electronic PC Board Assemblies are warranted for 5 years

The extent of our liability for breach of warranty, when such is shown to our satisfaction, shall be limited to a functionally

equivalent replacement, or repair of such product, or part thereof at SDC's sole discretion, when returned, delivery prepaid to SDC. We shall not, except to the extent this limitation may be precluded by law, be liable for inconvenience, labor costs, lost profit, damages to other property, injury or any other consequential or punitive damages resulting directly or indirectly from any product defect or breach of this warranty.

This warranty is limited to the original purchaser, is not transferable and shall not apply to changes of Oil Rubbed Bronze (613/US10B) finish, which is a living finish designed to change appearance through daily use, lamps, LED's, maintenance, wear and tear caused by normal use, altered product, abuse or negligence.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ALL OTHER WARRANTIES OF FITNESS AND MERCHANTABILITY.

CUSTOM SYSTEM DESIGN

Security, Life-Safety and Access Control. They demand the best, in planning, products and operation. So it's only good sense to work with a complete product package, and to begin with an expertly prepared, custom engineered design package from SDC. Detailed to your needs, one entrance or a complex multi-entrance system.

Every professional in the field knows all too well the usual problems. Wiring specs and wiring diagrams don't match up, components are improperly planned out or missing, projects slow down and costs start escalating.

Security Door Controls is prepared to assist you with a complete System Design Folder which eliminates any problems with component compatibility, system operation or wiring installation.

We provide what your particular job requires in electrical drafts,

instructions and data. It offers a great advantage for you, with time saved, a faster, easier, better job in every way.

General instructions. Job name. Supplier. SDC reference number and drawing numbers for easy reference when technical support is needed. System operation: a detailed outline of the complete operation. A full list of components with individual instruction data for each, conduit layout indicating quantity and gauge of wires. Point-to-point wire diagrams of all component connections.

All necessary data is a matter of record. In short, whatever that job requires in equipment, technical understanding or assistance, at the office or in the field, will be detailed in your SDC System Design Folder.

*SDC fees vary according to requirements.

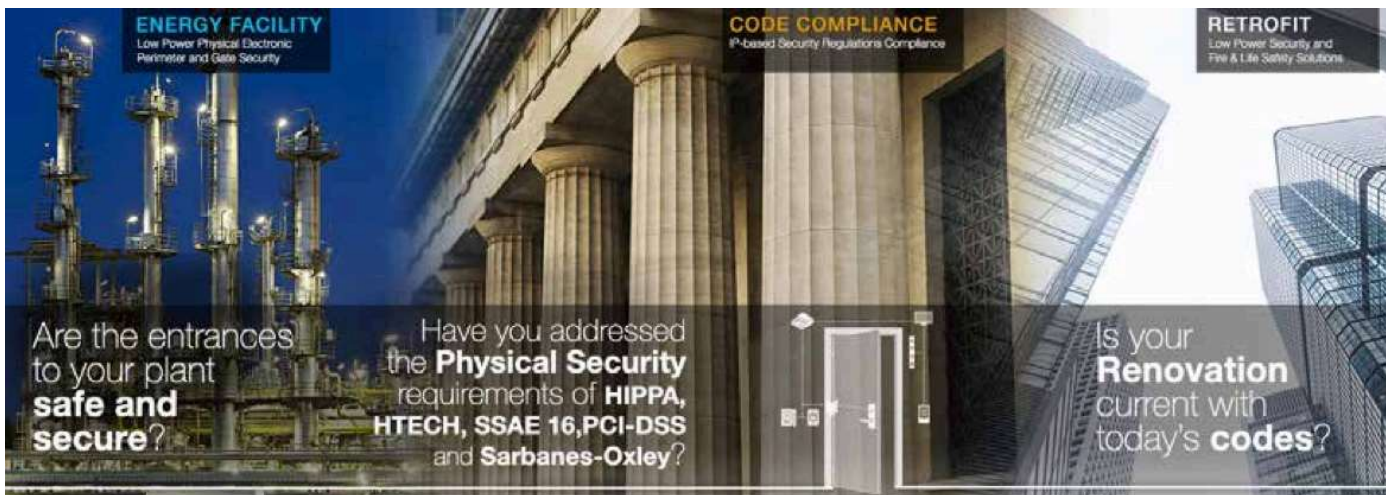
ENGINEERING POLICY

Engineering services are available for special system design and documentation.

All requests must be submitted in writing with all detailed requirements before final quotation. Any alterations or omissions must also be submitted in writing and are subject to additional quotation.

SDC assumes no responsibility for information exchanged by telephone regarding estimates or product suitability for verbally expressed systems. Email requests will speed up the process and eliminate misunderstandings.

A non-cancelable purchase order for engineering is required before any engineering may proceed.



SALES POLICY

TERMS: A minimum purchase of \$3,500.00 annually is required to maintain an open account with Security Door Controls.

RETURNED GOODS: Any defects or errors for which we are responsible will be promptly rectified. Approval for return of merchandise must be requested of us, and when granted the return authorization number must be displayed on all packages returned. Material found suitable for resale without reconditioning will be credited to customer's account less a handling and reprocessing charge of 35% of the net material value. Further charges will be assessed on material requiring rework to return it to saleable condition. Obsolete products will not be accepted for return. Custom products, special finish, options, size or pre-assembly configuration are considered special and are not returnable for credit. Incoming transportation charges are to be prepaid by the Buyer. Credits for material returned will have 2% deducted to cover the cash discount allowance on the original invoice.

ADDITIONAL TERMS: 2% - TEN (10) DAYS. Net thirty (30) days from date of invoice. Interest at 1-1/2% per month will be charged on unpaid balances beyond thirty (30) days. Orders received from 60+ day accounts will not be entered until account is current. It is understood that you may use your normal purchase order or other order forms in placing orders. However any such forms shall be used for convenience only and any terms or provisions which may be contained therein inconsistent with, or in addition to, those contained in our then current Acknowledgment to Customer form or other terms or provisions contained herein shall have no force or effect whatsoever. Custom material or wiring diagrams requires 50% deposit. At SDC's discretion, orders in excess of \$1500 net will be acknowledged by product category and department, and shipped on an "as ready" basis unless customer purchase order specifically states "Do not ship before _____," and "No partial shipments."

PRICES: Prices are subject to change without notice. No prices are guaranteed. All shipments will be made at prices prevailing at time of shipment. Errors or omissions in pricing are subject to correction.

PRICING POLICY: Shipments must be accepted within sixty (60) days after receipt of the order. Contracts extending beyond this period are subject to prices in effect at the time of shipment.

MINIMUM ORDER: Our minimum net invoice charge is \$250.

ACCEPTANCE: We reserve the right to decline an order, in whole or in part, when the price, quantity or assortment of goods is not satisfactory to us.

CHANGE IN ORDERS: A charge of \$20.00 will be applied to each change on any order after said original order has been previously acknowledged by SDC, plus a cost incurred by manufacturing at point of change.

CANCELLATIONS: A charge of \$40.00 will apply in addition to any cost incurred by us for any cancellation made after our acknowledgment is issued. Custom architectural housings are non-cancelable. Orders for custom architectural housings, custom parts, special and optional plated finishes are non-cancelable.

FREIGHT: All goods are invoiced EXW (EXWorks) SECURITY DOOR CONTROLS. When delivered to the transportation company the shipments become the property of the purchaser, who assumes the risk of loss or damage in transit. All ground shipments will be made by United Parcel Service (UPS).

BACK CHARGES: We are not responsible for, do not authorize, and will not accept any charges for the cost of any labor or material incurred by anyone other than Security Door Controls for any installation, repair, service or replacement unless incurred with our prior written consent and agreement.

PRODUCT CHANGES: SDC reserves the right to modify, change, or discontinue any components as required.

SHORTAGES/ DISCREPANCIES: Claims must be made within ten (10) days after receipt of material. (The original invoice number will be required).

TEMPLATES: It shall be the customer's responsibility to check all templates requested from SDC for suitability for proper door and frame preparation. Direct requests from the door and frame supplier will not release this customer of this responsibility.

ARBITRATION AND GOVERNING LAW: In the event of a dispute or controversy, or differences, which may arise between parties, any claim shall be settled by arbitration. The arbitration shall take place in California under the rules of the American Arbitration Association. The validity, interpretation, and performance of this agreement shall be controlled by and construed under the laws of the state of California, United States of America.

ACCEPTANCE: We reserve the right to decline an order, in whole or in part, when the price, quantity, or assortment of goods is not satisfactory to us.

NOTE: SDC complete sales policy as stated prevails at all times.

PoE SOLUTIONS

Power over Ethernet Capable Locking Hardware

The Future of Security

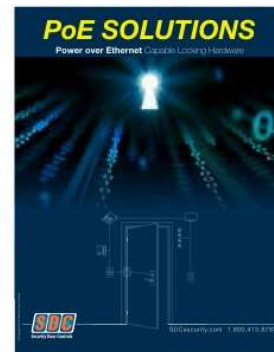
SDC is uniquely situated to innovate and integrate solutions for the convergence of mechanical hardware and electronic access control technology. As a full line, access control company, we have a singular focus and commitment to the innovation and design of complete Access & Egress solutions.

Our Power over Ethernet (PoE) Capable Locking Hardware is the same robust, reliable, and quality Access Controls and Electric Locks the industry has relied upon for over 40 years. Only now, they can be installed and connected to your access control system via ordinary Ethernet network cables - which facilitate power. In a PoE enabled network, direct electrical current (DC) flows over the network cable together with normal Ethernet data traffic.

Gone are the days of pulling power lines when electric power is not within reach and installing power supplies and controllers for powering access control devices. And, you can use existing Ethernet cables to make powering and connecting even easier and less costly. SDC PoE Capable Locking Hardware is part of our earth-friendly line of low-power, energy efficient products, making them a great green solution to virtually any Access Control application.

SDC is bringing you the future of security...now.

To learn more about Power over Ethernet Capable Locking Hardware, see our **PoE Solutions** brochure.

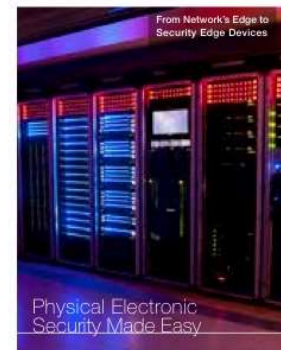


From Network's Edge to Security Edge Devices

Physical Electronic Security Made Easy

800-413-8783 SERVICE

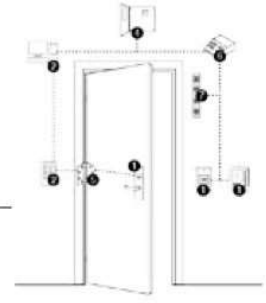
From network's edge to security edge devices, SDC is the bridge to low-power, electronic access control of door openings. Physical electronic security begins with the protection of people by providing fire and life safety, preventing unauthorized access, and monitoring of activities and behavior of people more prone to unauthorized access. Then, physical electronic security is about the protection of assets - products, intellectual property, processes, equipment, facilities and data -including financial, personnel, customer, and even health records.



To learn more about Code Compliance, see our ***Physical Electronic Security Made Easy*** brochure.



SDC Door Check List



800-413-8783 SERVICE

JOB NAME: _____

DOOR IDENTIFICATION: (EXTERIOR _____ (INTERIOR) _____)

DOOR LOCATION OR NUMBER _____

SINGLE DOOR HANDING: RH___ LH___ RHR___ LHR___

DOUBLE DOORSHANDING: RH___ LH___ RHR___ LHR___

TYPE OF DOOR: HOLLOW METAL ___: ALUMINUM & GLASS ___: HERCULITE (TOP & BOTTOM RAILS) ___
 HERCULITE (BOTTOM RAIL ONLY) ___: HERCULITE (PIVOT & LOCK PATCH FITTINGS) _____

DOES DOOR HAVE AN "EXIT" SIGN ABOVE IT ___ YES ___ NO

DOOR SIZE: W ___ X H ___ + DOOR THICKNESS ___ + LOCK HEIGHT ___ + LOCK BACKSET _____

HINGE TYPE _____ + **HINGE SIZE** _____ + **HINGE FINISH** _____

EXISTING LOCK TYPE & BRAND _____ + **FINISH** _____

DOOR CLOSER: SURFACE MOUNT: INSIDE ___ OR OUTSIDE ___: CLOSER MANUFACTURE _____

DOOR CLOSER: IN THE HEADER ___: HOLD OPEN FEATURE YES ___ NO ___: DEGREE OF OPENING _____

AUTOMATIC DOOR OPERATOR: MANUFACTURE & MODEL# _____

AUTOMATIC DOOR OPERATOR PUSH PLATE SWITCHES: HARD WIRED _____ OR WIRELESS _____

WHAT KIND OF CEILING _____ (PLASTER, DRYWALL, LIFT OUT, PANELS OR PUZZLE)

HOW HIGH IS THE CEILING _____

WHAT KIND OF HEADER _____ (NONE, WOOD, STEEL, ALUMINUM, GLASS)

WHAT TYPE OF TRAFFIC: LIGHT ___ MEDIUM ___ HEAVY ___

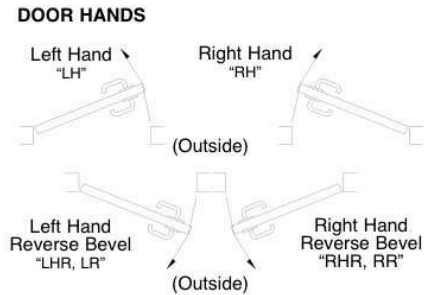
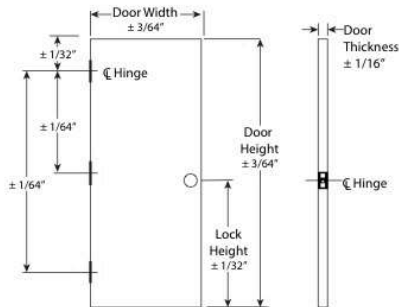
PICTURES TAKEN OF DOOR: YES ___ OR NO ___

MEASUREMENT FROM DOOR TO ACCESS CONTROLLERS: _____

MEASUREMENT FROM DOOR TO POWER SUPPLY: _____

WIRE GAGE _____: **WIRE TYPE** _____: **AMOUNT OF WIRES** _____: **EXTRA WIRES** _____

VOLTAGE AT DOOR: _____: **VOLTAGE AT POWER SUPPLY** _____: **CURRENT AT DOOR** _____



INDEX

Item Code	Page #	Item Code	Page #	Item Code	Page #
110	133	1562SC / 1562SCHDB	26	45-4 / 45-6 / 45-7	69
210	133	1565 / 1566	26	451 / 452 / 453P	187
260	133	1571DE	51	45A	69
280	133	1572 / 1573	10	463 / 474	189
295	143	1575DEU	51	491 / 492	591
918	153	1575U	29	510 thru 590	177
921	159	1576-MP	29	55 A thru F	67
923	157	1576-ZB	29	55-ABC	67
924	159	1576AB / 1576-BK	29	602RF	239
1511	39	1576DEU	51	621P	249
1561	26	1576U	29	631RF / 632RF / 634RF / 636RF	241
1562	26	1581 / 1582	10	7000-DB1/4	78
1571	10	1581-DF	10	7000-DB3/8	78
101-1A	283	1581DE	10	7000-DGK	78
101-1AK / 101-4AM	283	1581S	47	701 thru 713	193
101-DE / 101-KDE	51	1583V	10	702R / 708R	193
101-PAM	283	1591U	37	7250 / 7252 D, H, P, S, T	79
1091A	123	180A	135	7500EB	90
10TD	294	2090A	129	7550 A thru V	91
1190A	129	2490A	131	7850 / 7852 A thru X	83
1291A	123	25-4U	61	801AL thru 813AL	193
12VR	260	290 / 290LS	141	920/921	155
14-2	294	30-4	63	AB Angle Brackets	15
1490A	131	350V / 352V	19	ACM-1	258
15-1	273	400U-L2	279	AL4 / AL8	271
15-2 / 15-3	273	400U-RMB / 400U-SN	281	APB1000A	297
15-4	59	412 / 413 / 422 / 423 / 424 / 425	179	AR11Y	14
1511-DF	10	413MN / 423M	181	BBID	195
1511DE	10	431 / 432 / 433 / 434 / 435	183	BL4 / BL8	271
1511S	39	441 / 442 / 443 / 444 / 446	185	BPS6S / BPG6S	213
1511T	39			BR64	265
1512 / 1513	10			CB401-AU / CB401-B	225
1561S / 1561TJ	26				

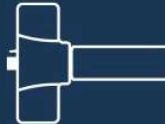
INDEX continued

Item Code	Page #	Item Code	Page #	Item Code	Page #
CB701	225	LR100	113	UF11 / UF12	13
CC1-5 / CC3-5	82	MC-4	296	UF81 / UF82	13
CL4 / CL8	271	MC-7	296	UR-1 / UR2-4 / UR4-8	253
CR4	257	MD-31	293	Z7250 / Z7252	75
DBM	68	MS-12 / MS-14 / MS-16 / MS-20	72	Z7550	87
DC-1	12	MSB550	173	ZA7850	81
DL4 / DL8	271	PB-16 / PB-8	258	ZD7250	80
DPS-11	295	PD2090A	137	ZR7550	87
DTMA / DTMO	269	PSB560	171	ZS7250	80
E1200 / E600 / E6200	21	PT-2U	235	ZT7550	91
E300	33	PT-3V	235	ZT7850	83
E75 / E76 / E77	163	PT-5	233	ZY7550	87
EA100	277	PTH	229		
EH10 / EH20 / EH30 / EH40 /EH42	287	PTM	231		
EKE03	96	RB12V4 / RB12V7	261		
EMC	259	RCC	271		
EP17624 / EP17624TJ	35	S6100 / S6200 / S6300	95		
EZ-A / EZ-B / EZ-D / EZ-T	11	S6100-101	99		
FB-4	257	S6303FH	105		
FP Filler Plates/ AB Angle Brackets	14	SC-10	106		
FS23M	127	SK-82 / SK-88	85		
GKE03	96	SK-L90	85		
GL160A / GL260A	139	TCC	271		
HID1326-25	169	TJ1 / TJ2	12		
IP100	119	TJ2440	264		
IPPRO	147	TJ81 /TJ82	12		
IPRW	151	TP1220 / TP2440	264		
		TR-12 / TR-24	263		
		UB11 / UB12	13		

SDC

Security Door Controls

PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 15 SECONDS.



© Security Door Controls 2017