COMPLETE COMPONENT CONSIDERATIONS™

Access Control Hardware

the lock behind the system

SDC
Security Door Controls

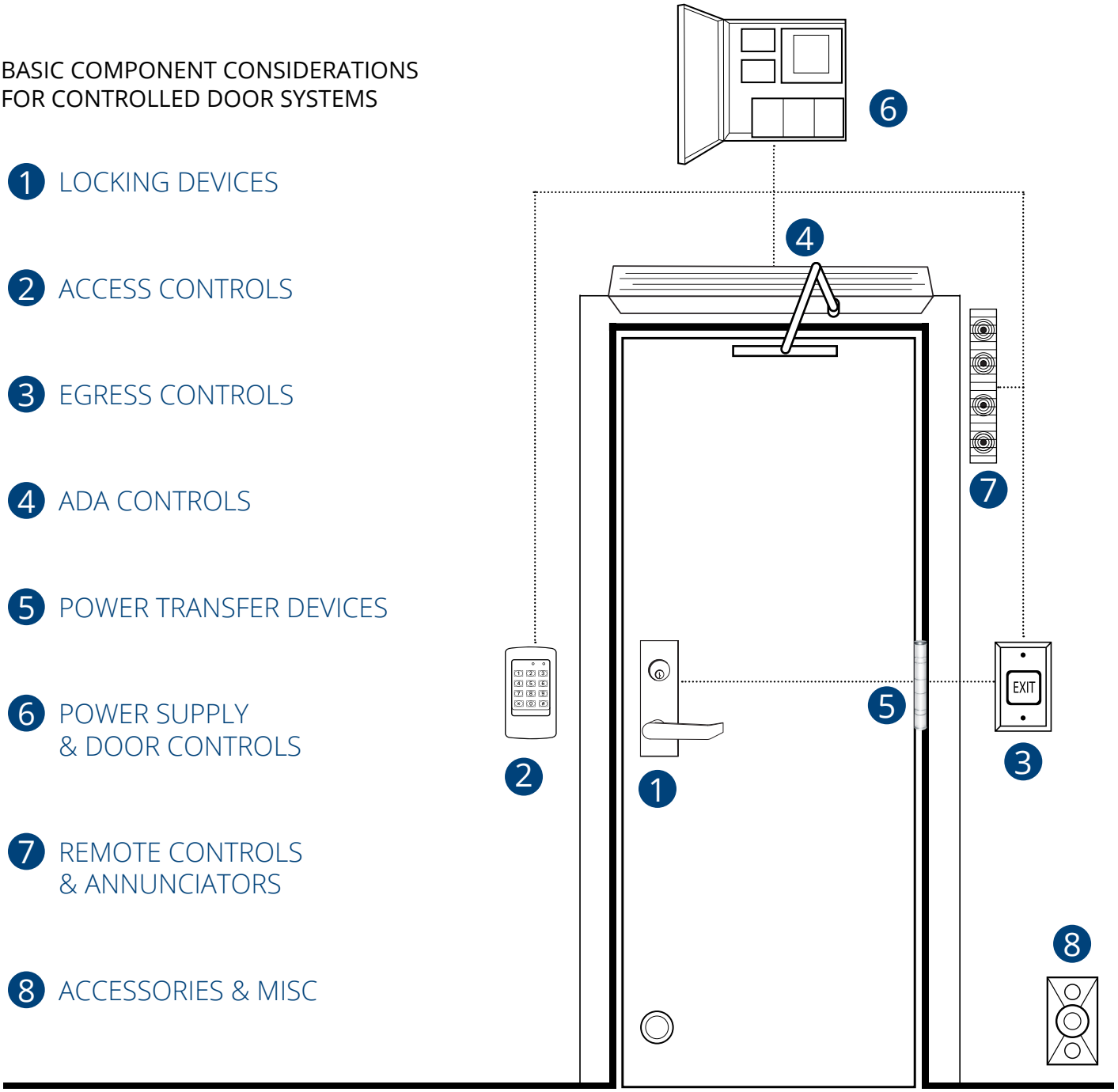
COMPLETE COMPONENT CONSIDERATIONS

With a robust toolbox of over 35,000 SDC access & egress control components at your fingertips, you can assemble turnkey solutions to address both market-specific and application-specific requirements for almost any door opening imagined – while addressing a variety of factors, including:

- Level of Security
- Life Safety Codes
- Budget Restrictions
- Aesthetics
- Type of Door or Frame
- Retrofit or New Construction

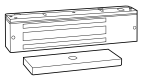
BASIC COMPONENT CONSIDERATIONS FOR CONTROLLED DOOR SYSTEMS

1. LOCKING DEVICES
2. ACCESS CONTROLS
3. EGRESS CONTROLS
4. ADA CONTROLS
5. POWER TRANSFER DEVICES
6. POWER SUPPLY & DOOR CONTROLS
7. REMOTE CONTROLS & ANNUNCIATORS
8. ACCESSORIES & MISC

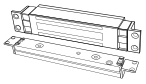


Components not to scale

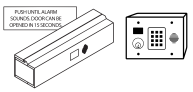
1 LOCKING DEVICES



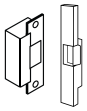
Electromagnetic Locks



Electromagnetic Shear Locks

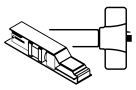


Delayed Egress Locks



Electric Strikes

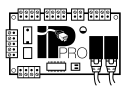
Electrified Locksets



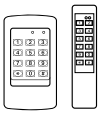
Exit Devices & Retrofit ELR Kits

Electric Bolt Locks

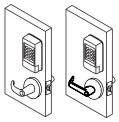
2 ACCESS CONTROLS



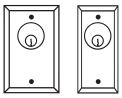
IP-Based Controllers



Keypads & Readers



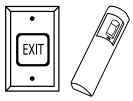
Standalone Locksets



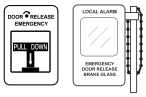
Key Switches

3 EGRESS CONTROLS

Egress Devices



Exit Switches & Sensors

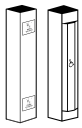


Emergency Door Releases

4 ADA CONTROLS

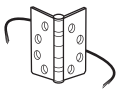
Low Energy Operators

Push Plates & Panels



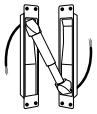
Bollards

5 POWER TRANSFER DEVICES

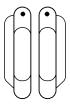


Hinges

Loops

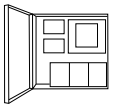


Mortise Transfer

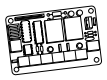


Wireless Transfer

6 POWER SUPPLY & DOOR CONTROLS



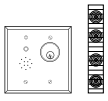
Power Controllers



Door Controllers

7 REMOTE CONTROLS & ANNUNCIATORS

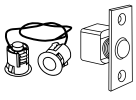
Remote Control Consoles



Door Prop Alarms & Annunciators

8 ACCESSORIES & MISC

Electromagnetic Door Holders



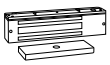
Door Position Monitoring

Latch & Deadbolt Monitoring Strikes

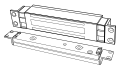
Wireless Transmitters & Receivers

Communicating Bathroom Controls

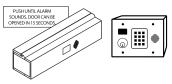
1 LOCKING DEVICES



Electromagnetic Locks



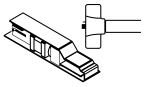
Electromagnetic Shear Locks



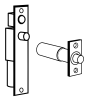
Delayed Egress Locks

Electric Strikes

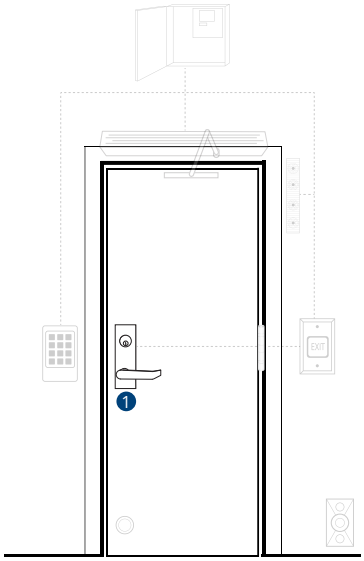
Electrified Locksets



Exit Devices



Electric Bolt Locks



SDC's approach to effective access and egress solutions for the control of door openings begins with wide-ranging product lines of locking devices. They're 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, engineered and built in America. Our locking devices are proven to robustly perform in the most demanding situations where code compliance, reliability and longevity are required.

Electromagnetic Locks

SDC's electromagnetic locks are suited for interior doors, perimeter exit doors and entrances that require failsafe emergency release capability. Our patented EMLock® design represents the pinnacle of magnetic lock evolution with modular assembly that makes them easy to stock, install, upgrade, and maintain. The interlocking EZ mount assembly leaves hands free for wiring and securing of mounting screws. The Excel™ product line is an economically priced, fully featured alternative to low-cost imports with a quick mount assembly to reduce installation time.
sdcsecurity.com/magneticlocks

EMLocks

E1200

E600

E6200

350 Series

1575 / 1576

1590 Series

E300

1560 Series

1561S Series

1562 Series

1561TJ Series

Electromagnetic Shear Locks

SDC's HiShear® electromagnetic shear locks are designed, engineered and built in America for openings that require an architecturally superior appearance. Long recognized as a cut above alternatives on the market, SDC HiShear® electromagnetic shear locks are available in concealed, semi-concealed and surface mount models. They provide high security with a failsafe locking mechanism to meet a variety of door opening applications. The patented HiShear® 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. Advanced electronic circuitry incorporates a door static, alignment and timed relock sensor as well as an automatic sensing dual voltage input. Noise dampeners greatly reduce the noise associated with locking and unlocking of other shear locks on the market.
sdcsecurity.com/shearlocks

1511S Series

1511T Series

1581S Series

101-DE Series

S6000-101 Series

S6000DES Series

Delayed Egress Locks

Stop theft, control pedestrians in public facilities and airports, control wandering patients, and guard against infant abduction. The **ExitCheck® 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 ExitCheck® 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.
sdcsecurity.com/delayedegress

Electric Strikes

SDC electric strikes enable the electrical release of a locked mechanical latch or bolt and are well-suited for both new and retrofit construction. Compatible with any access control, SDC electric strikes are available in a variety of configurations to accommodate several types of mechanical locksets and door and frame styles - as well as failsafe and failsecure applications.
sdcsecurity.com/electricstrikes

15 Series

25 Series

30 Series

45 Series

55 Series

7200 Series

7500 Series

7600 Series

7700 Series

7800 Series

SK Kit Series

Electrified Locksets

SDC electrified locksets are 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 1972 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.
sdcsecurity.com/electrified-locksets

Exit Devices & Retrofit ELR Kits

SDC's innovative industrial, storefront, and architectural exit devices provide safe and reliable security, fire and life safety, and ADA code compliance. While there are many different brands of cost effective commercial exit devices on the market, the vast majority of these devices are strictly mechanical. All of our exit devices are also available with electrified options including ELR and REX capabilities as standard on selected models. With a variety of available trim options, rim mount, surface vertical rod and concealed vertical rod device types, there's an SDC panic and fire exit device for virtually any door opening application. Our **QuietDuo™ LR100 series motorized electric latch retraction kits** enable electric access control and dogging of mechanical exit devices.
sdcsecurity.com/exitdevices


S4000 Series


S5000 Series


S6000 Series


LR100 Series

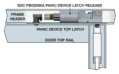

1091 / 1291 Series


1490 / 2490 Series


1190 / 2090 Series


FS23M Series


100 / 200 Series


PD2090 Series


GL Series

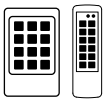

290 Series

Electric Bolt Locks

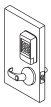
The **SDC family of electric bolt locks** include long life, solenoid driven, direct throw mortise bolts, Spacesaver® right angle bolts for narrow frames and door stiles, and surface mounted bolt locks for door and cabinet applications. Compatible with virtually any access control system, electromechanical bolt locks are available in failsafe and failsecure modes. Applications include high security interior doors and cabinets where electromagnetic locks are not required.
sdcsecurity.com/electricboltlocks

2 ACCESS CONTROLS

IP-Based Controllers

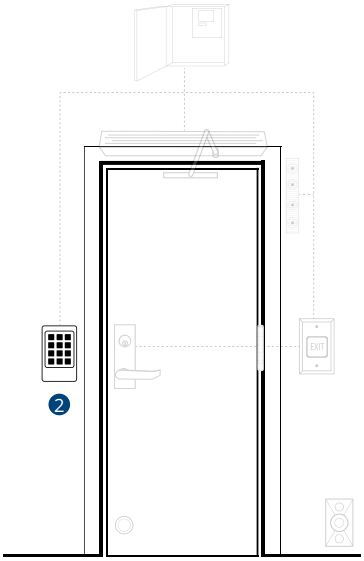


Keypads & Readers



Standalone Locksets

Key Switches



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 protect both 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 Controllers

Bring safe, secure, easy to implement door access control to the network's edge without the headaches of costlier, more complicated enterprise solutions. **SDC IPPro® IP-based single door access controllers** come with two ethernet ports for interfacing with an additional IP device. They allow expansion from one standalone door up to a 100-door "grid." The additional ethernet port allows IT departments to save a port when connecting an extra door at the server. Installers can eliminate a long cable run when connecting an additional IP device. Every IPPro® controller comes with secure, built-in software to manage up to 32 doors from any standard web browser to allow for real-time monitoring, user management and audit trail up to 5,000 events. Or, download our FREE PLUS PC-Client software to control up to 100 doors from a single PC. IPPro® PLUS is a role-based access control software suite with different interface modules.
sdcsecurity.com/ippro

IPD Series

IPRW Series

918 Series

923 Series

920 Series

926 Series

Prox Cards, Fobs & Tags

Keypads & Readers

SDC has a variety of standalone **digital keypad and proximity card access control** solutions to meet virtually any need – many now available with industry standard Wiegand 26 bit data transfer to interface with most access control systems. SDC's digital and card access control systems are engineered to provide real-world door control for up to 500 users, from indoor and standalone 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).
sdcsecurity.com/digitalreaderskeypads

Standalone Locksets

SDC battery powered electronic door locks and keyless entry system provide controlled access for basic and multi-level high security requirements. Priced to compete with entry-level brands, **SDC standalone locksets** are loaded with features professionals expect with hardwired systems. The E70 series can retrofit existing cylindrical, mortise or exit bar door lock preps. The 295 series can retrofit manual cam lock preps and uses standard AAA batteries. SDC standalone locksets are keypad programmable to quickly add or delete individual users.
sdcsecurity.com/standalone-locks.htm

E75 Series

E76 Series

E77Series

295 Series

700 Series

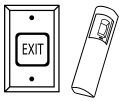
800AL Series

Key Switches

SDC key switch assemblies provide an economical method of providing authorized control for a variety of applications and new or retrofit construction. Compatibility with a new or existing facility mechanical key system is maintained through the use of U.S. standard, 1" and 1⅜" mortise key cylinders and interchangeable core cylinders (not included).
sdcsecurity.com/keyswitches

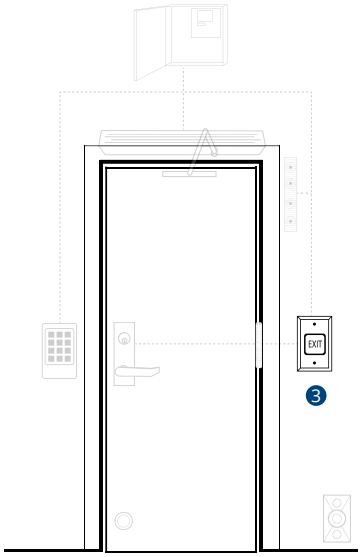
3 EGRESS CONTROLS

Egress Devices



Exit Switches

Emergency Door Releases



SDC's innovative exit bars, devices, switches and emergency door releases 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, interior to exterior, wireless or hardwired, and ADA or emergency, there's an SDC egress solution that provides safe and reliable security for any environment.

Egress Devices

SDC egress devices are designed for the release of magnetic locks and the activation of delayed egress locks installed on non-latching doors. Request-to-exit (REX) 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 (REX) push bars eliminates the need for wall mounted exit switches that require prior knowledge and a manual secondary action to unlock the door.
sdcsecurity.com/egressdevices

PSB560 Series

MSB550 Series

00500 Series

410 Series

420 Series

430 Series

440 Series

450 Series

460 Series

470 Series

MD-31 Series

Exit Switches & Sensors

SDC offers a variety of **exit button and push button styles and contact configurations** to fit several request-to-exit application needs. Additionally, SDC's wave-to-open switches and motion sensors provide hands free compliance and convenience for touchless applications using proven infrared detection technology.
sdcsecurity.com/exitswitches

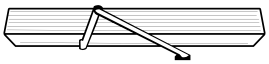
Emergency Door Releases

SDC's line of emergency door releases (EDR's) are designed to provide a physical method of unlocking an electronic lock in the event of an emergency and may influence the approval of an electric locking system. EDR's are usually fitted to emergency exit doorways in higher security areas. SDC's EDR's can initiate the release of an individual door or all doors on the same circuit and provide an auxiliary contact remote monitoring, CCTV activation or alarm activation.
sdcsecurity.com/emergencydoorreleases

490 Series

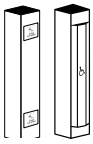
APB1000 Series

4 ADA CONTROLS

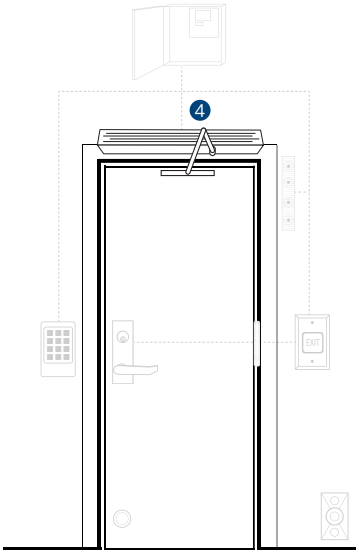


Low Energy Operators

Push Plates & Panels



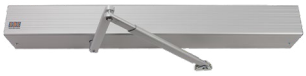
Bollards



SDC's line of ADA controls are designed to maximize public door accessibility for the Americans with Disabilities Act (ADA) Title III applications. Our product focus is on the section of the law - Title III - that addresses public accommodations and is intended to guarantee equality for those who are physically handicapped or disabled. Included are low energy swing door operators, push plates, actuators and touch panels, and bollard posts. They all provide our latest and most convenient features to provide safe access for ADA applications and code compliance.

Low Energy Operators

SDC's low energy swing door operators are designed for applications requiring ADA compliance, user convenience and touchless solutions. Built with a state-of-the-art microprocessor-based unit, SDC's operator 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.
sdcsecurity.com/autoentrycontrol



AUTO Series

480 Series

480V Series

480AA Series

Push Plates & Panels

SDC's push plates and panels combined with SDC's operator, bollards and locking devices allow for complete access and egress solutions for ADA compliant applications. Included are round and square push plates, as well as wall mount and full size push panels. All types can be wireless or hardwired, bollard or wall mounted.
sdcsecurity.com/pushplates

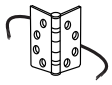
Bollards

SDC's line of bollard posts are a practical alternative to wall mounted access controls or switches for entry doors. They combine visibility with convenience to meet or exceed accessibility and building code requirements throughout North America. A choice of surface mount or in-ground installation models and a variety of push plate and panel switch options are offered. SDC's bollard posts are built with quality materials and attention to detail for durability in high traffic areas and harsh weather conditions.
sdcsecurity.com/bollards

BP Series

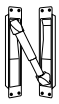
CBC Series

5 POWER TRANSFER DEVICES

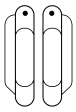


Electrified Power Transfer Hinges

Power Transfer Loops

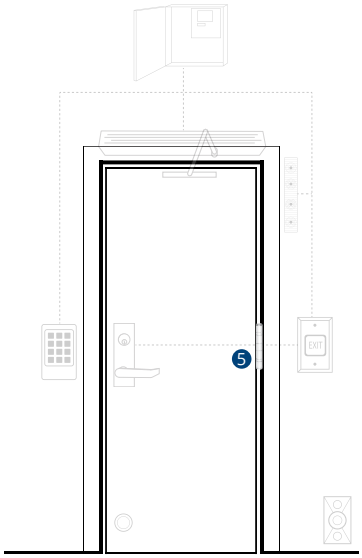


Electrified Power Transfer Mortise



Wireless Power Transfer Devices

Wire Raceway Door Coring Kits



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 wireless power transfer devices.

Electrified Power Transfer Hinges

Electrified 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 – all UL listed for 3hr fire rated doors.
sdcsecurity.com/pth

PTH Series

PT-5 Series

PT-2 Series

PT-3 Series

PTM Series

Power Transfer Loops & Mortise Transfer

Surface and concealed mortise mount power transfer loops provide a means of running wires from the frame to transfer power and monitoring signals to doors equipped with electric locks and exit devices. **SDC's heavy duty electrified mortise power transfer PTM series** provides a concealed and secure means of transferring electric lock and exit device power and signal wires from the frame to the door.
sdcsecurity.com/pt sdcsecurity.com/ptm

Wireless Power Transfer Devices

SDC's WPT series uses a radio frequency (RF) transmitter to send energy wirelessly across the door gap to an RF receiver that converts the energy to DC voltage - to power electrified locks and latches. Retrofitting electrified locks into openings with existing wood doors is easier and less time consuming – core drilling the door is not required. Works well with steel doors, too. Unlike competitive wireless power transfer devices that use magnetic induction for the power transfer, the WPT's RF technology also allows for transfer of latchbolt monitoring, REX or data signals.
sdcsecurity.com/wpt

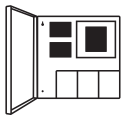
WPT Series

7000-DGK

Wire Raceway Door Coring Kits

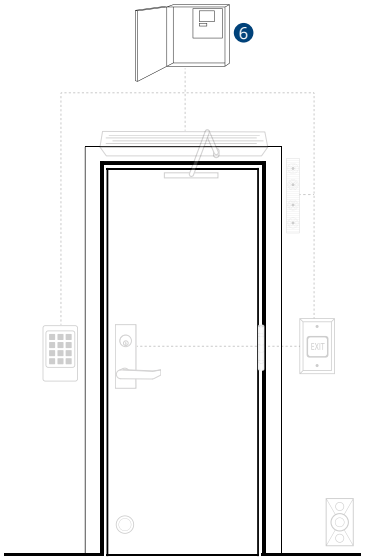
The SDC 7000-DGK laser guided wire raceway drill fixture enables wire raceway preparation through particle filled and solid wood doors. The door core wire raceway permits the installation and wiring of electrified locksets, exit devices and electric hinges. The laser guided wire raceway drill fixture is easy to use without previous experience and allows for drilling from the hinge side without removing the door from the frame.
sdcsecurity.com/racewaykits

6 POWER SUPPLY & DOOR CONTROLS



Power Controllers

Door Controls & Backup Batteries



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 single and multiple access controlled openings.

Power Controllers

SDC access control power supplies have been developed specifically to support access controls and electric locking hardware. They are UL listed and provide filtered and regulated linear DC power, with optinal control logic, component interface, alarm interface and battery back-up to meet the requirements of single and multiple access controlled openings. The circuitry design is ideal for the inductive loads generated by access control hardware for high performance and longevity.
sdcsecurity.com/powercontrollers

602 Series

631 Series

632 Series

634 Series

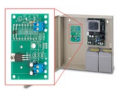
636 Series

RB12V Series

TR Series

UR Series

AMC-1 Series



12VR Series

CR4 Series

EMC Series

FB-4 Series

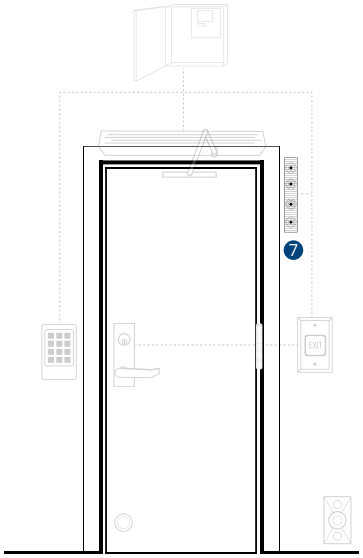
Door Controls & Backup Batteries

SDC's 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 trigger signals over small gauge cable runs of 22 gauge wire up to 1,000 feet from the trigger device to the module.
sdcsecurity.com/doorcontrolrelaymodules

7 REMOTE CONTROLS & ANNUNCIATORS

Remote Control Consoles

Door Prop Alarms & Annunciators



SDC's line of remote controls and annunciators are designed to meet the demands of different control and monitoring applications without PC-based access control capability. They provide flexible solutions for central monitoring and control of openings in a facility as well as audible and/or visual status supervision and notification.

Remote Control Consoles

Recommended for access systems without computer management capability, **SDC's remote control consoles** provide a means of central supervision and control of single and multiple openings within a facility.
sdcsecurity.com/remotecontrolconsoles

DT Series

D15 Series

EA Series

400-L Series

EA100 Series

400-RMB Series

400-SN Series

Door Prop Alarms & Annunciators

Multi-mode annunciators, like SDC's EA door prop alarm, EA100 and 400 series LEDs, sirens, buzzers & speakers, come in a variety of door, frame, wall, ceiling or single and double gang box configurations to provide the ultimate in door status indication, access control system compatibility and control.
sdcsecurity.com/annunciators

8 ACCESSORIES & MISC

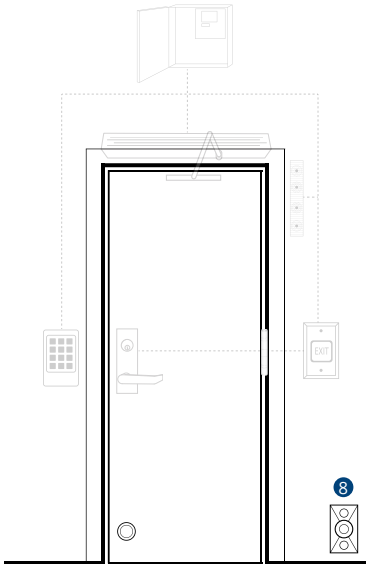
Electromagnetic Door Holders

Door Position Monitoring

Latch & Deadbolt Monitoring Strikes

Wireless Transmitters & Receivers

Communicating Bathroom Controls



From wireless remote controls to durable door holding and 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. In addition, we offer specialized controls and packages for communicating bathrooms.

Electromagnetic Door Holders

SDC electromagnetic door holder & releasing devices, 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.
sdcsecurity.com/doorholders

EH Series

DPS Series

MC Series

MS Series

Door Position Monitoring Sensors

Magnetic door contacts and electromechanical ball switch assemblies provide a means of monitoring door status. **SDC's MS series latch & deadbolt monitoring strikes** are designed to retrofit standard door strikes. These kits provide latch and/or deadbolt status such as: door closed and latched and/or door closed and bolted.
sdcsecurity.com/doorstatus sdcsecurity.com/monitoringstrikes

Wireless Transmitters & Receivers

SDC's WRC series two 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.
sdcsecurity.com/wrc

WRC Series

CB Series

Communicating Bathroom Controls & Packages

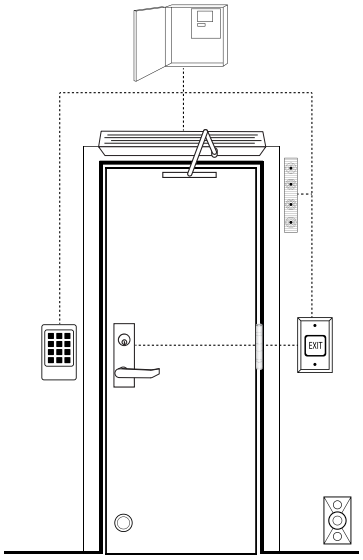
SDC's CB series communicating bathroom control switches are designed for a common bathroom shared by two rooms. **CBP series communicating bathroom control packages** combine these switches into pre-spec'd mortise, cylindrical or electromagnetic lock system solutions. One part number covers it all.
sdcsecurity.com/communicatingbathroom

HAZARDOUS & EXPLOSION PROOF

Explosion Proof
Magnetic Lock

Explosion Proof
Exit Switch

Explosion Proof
Pull Station



SDC's hazardous and explosion proof products are designed to eliminate sparks in hazardous plant locations. To meet the criteria for the explosion proof rating, each component enclosure must be able to contain any explosion originating within its housing and prevent sparks from within its housing from igniting vapors, gases, dust or fibers in the air surrounding it.

Additionally, these products also meet the temperature requirements of the specific application in which they are to be installed, per National Electric Code (NEC®) standards. Each component is labeled on its nameplate with the distinct classification in which it has been tested and approved for installation.

Explosion Proof Collection

SDC's explosion proof collection is a series of door access & egress components all specially designed to eliminate sparks in hazardous plant locations typically found in Oil & Gas, pharmaceutical, chemical, mining, Energy & Utilities, and Food & Beverage plants and facilities. They're explosion proof rated to National Fire Protection Association (NFPA) standards.
sdcsecurity.com/hazardous

EP17624 Series

EP499 Series

EP493 Series

Designed, Engineered & Built In America