5

6

2

7

3

EXIT

LOCAL ALARM

EMERGENCY
DOOR RELEASE
BRAKE GLASS

4

1

2

The lock behind the system

SDC
Security Door Controls

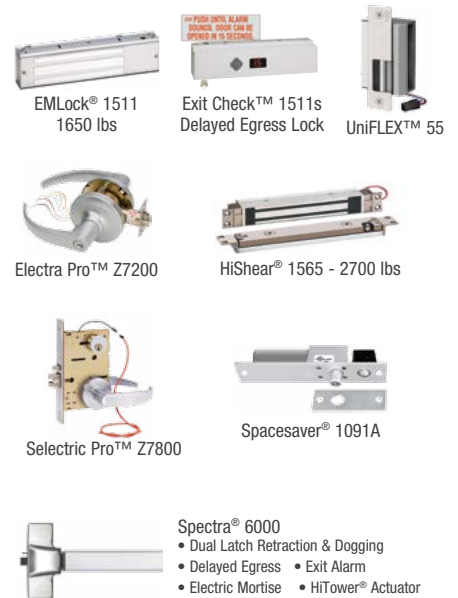# Complete Component Considerations

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

EMLock® 1511
1650 lbs

Exit Check™ 1511s
Delayed Egress Lock

UniFLEX™ 55

Electra Pro™ Z7200

HiShear® 1565 - 2700 lbs

Selectric Pro™ Z7800

Spacesaver® 1091A

Spectra® 6000
- Dual Latch Retraction & Dogging
- Delayed Egress   • Exit Alarm
- Electric Mortise   • HiTower® Actuator

AC Mains

2 Access Control
Standalone or Network
- Keyswitch
- Digital Keypad
- Card Reader

Entry Check™
920PW

IP Pro
IP-based Access Control

Entry Check™
918

EntryCheck™
924P

704U
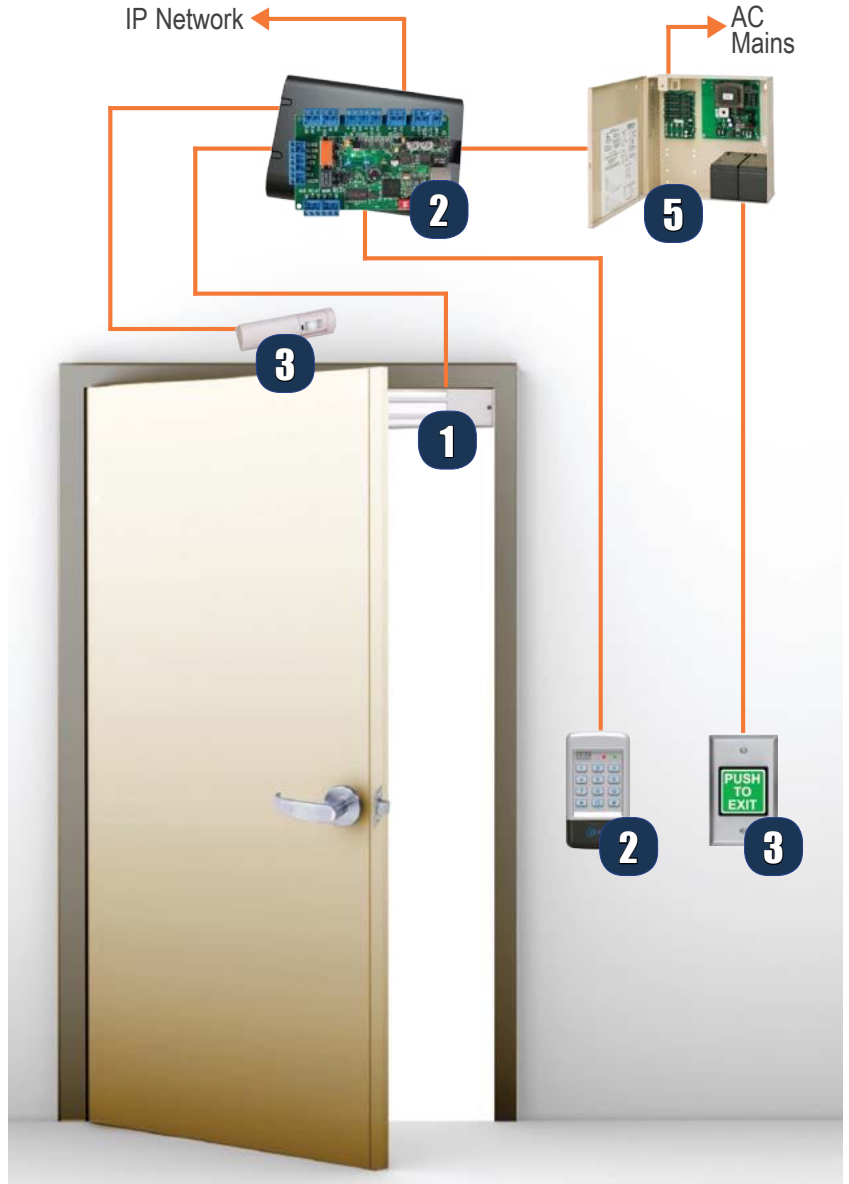Keyswitch

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

PUSH TO EXIT
422U

PUSH TO EXIT
463U

No Touch EXIT
474U

Egress PIR MD31D

Sure Exit® PSB560

492 Emergency
Door Release

Auto EntryControl™

CBC484A4U
Dual Switch
Bollard Post

484A1U & 48401U
Narrow Mullion
Push Plate Switch

PUSH TO OPEN
482A6U

PUSH TO OPEN   PUSH TO OPEN

IP Network ← AC Mains →

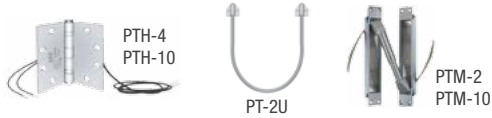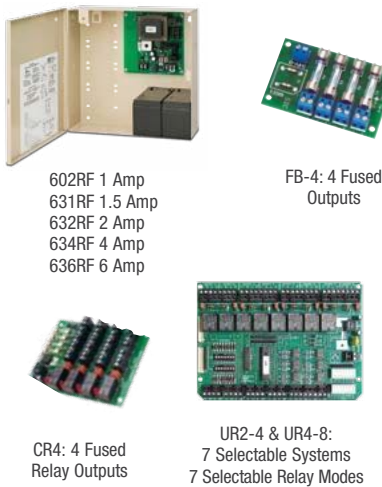**4** Power Transfer Devices

Required With Locksets & Exit Devices
• Electric Power Hinge
• Power Transfer Loop
• Concealed Power Transfer

PTH-4
PTH-10

PT-2U

PTM-2
PTM-10

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

602RF 1 Amp
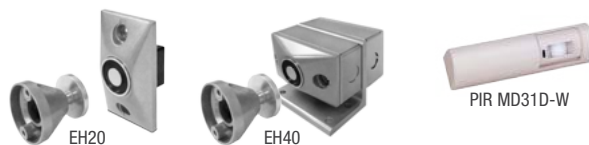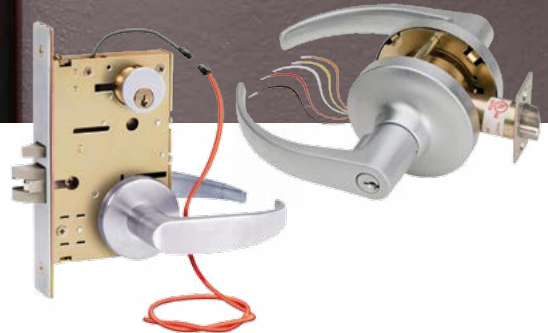631RF 1.5 Amp
632RF 2 Amp
634RF 4 Amp
636RF 6 Amp

FB-4: 4 Fused
Outputs

CR4: 4 Fused
Relay Outputs

UR2-4 & UR4-8:
7 Selectable Systems
7 Selectable Relay Modes

6 Remote Controls

RCC

TCC

WRC-2B

WRC-R2

7 Annunciators

EA100

101-4AM

101-1A

8 Accessories & Misc

• Magnetic Door Holder
  Release Device

EH20

EH40

PIR MD31D-W

PC Managed Network

SDC

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.
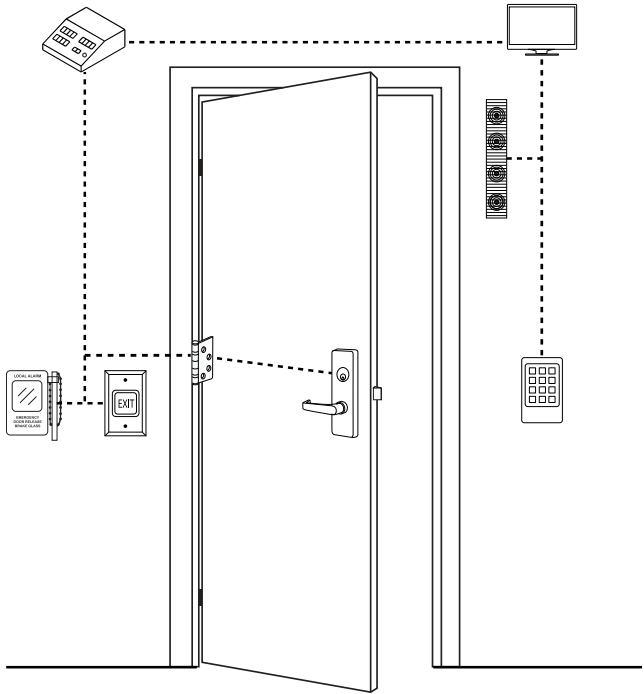
Electra™ Pro 7200 Series
Electrified Cylindrical Locksets

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 shipQUICK **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 shipQUICK **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

CSFM LISTED

FIELD 12/24 SELECTABLE

UL®

YEAR 5 WARRANTY

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
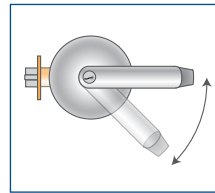
Vandal Resistant Lever Handles Standard With SDC Brand Lockset
When locked, the built-in clutch permits the handles to operate without retracting the latch, reducing potential for damage.

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
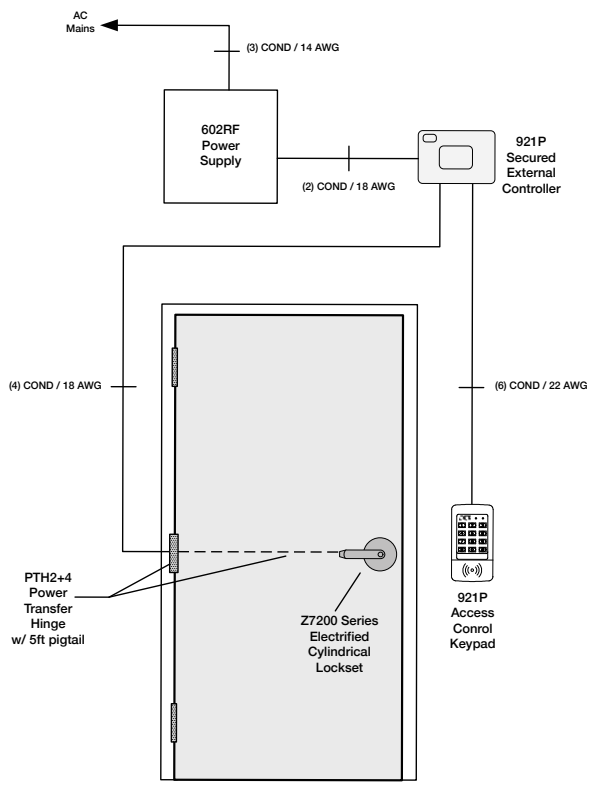
ACCESSORIES

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
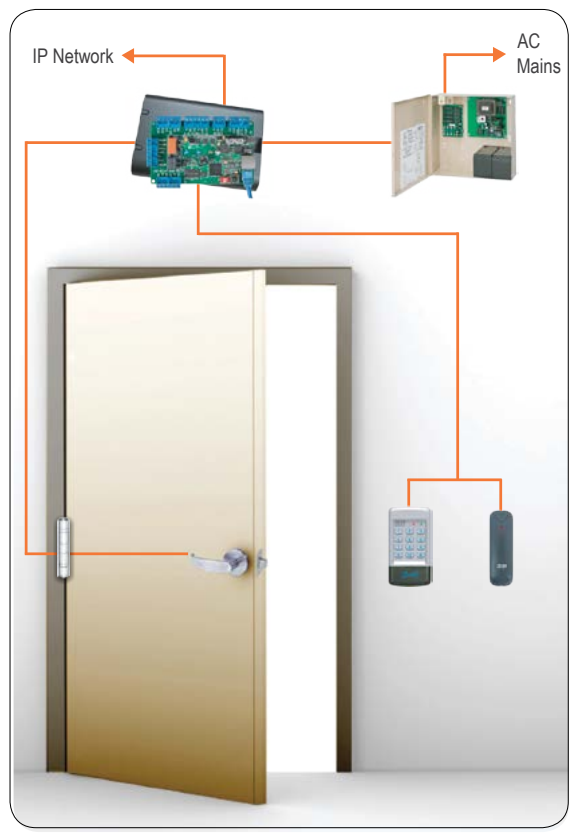
see page 229

UL 10B Listed for 3hr Fire Rated Door
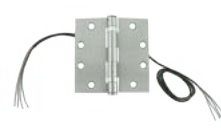
ACCESSORIES

LASER GUIDED DRILL FIXTURE KIT

Pilot
Drill Guide

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
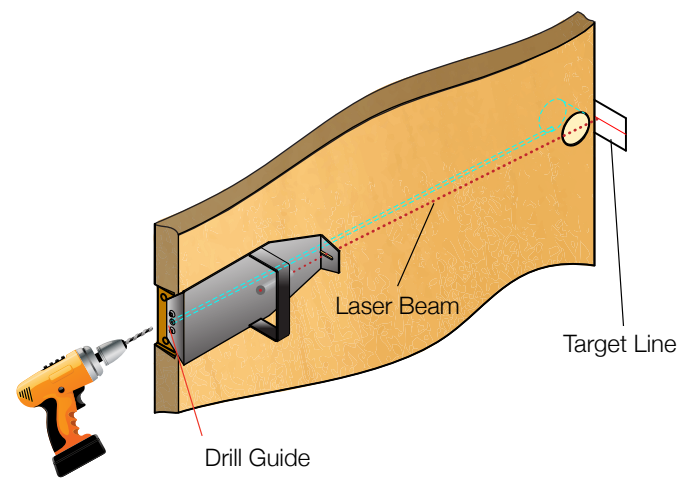
FEATURES

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

Laser Beam

Target Line

MODELS

Drill Guide

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

Extra Long 1 Ft. Flute

Electra™ Mod 7200 series
Electrified Cylindrical Locks

Schlage

Sargent

Yale

Best

Hager

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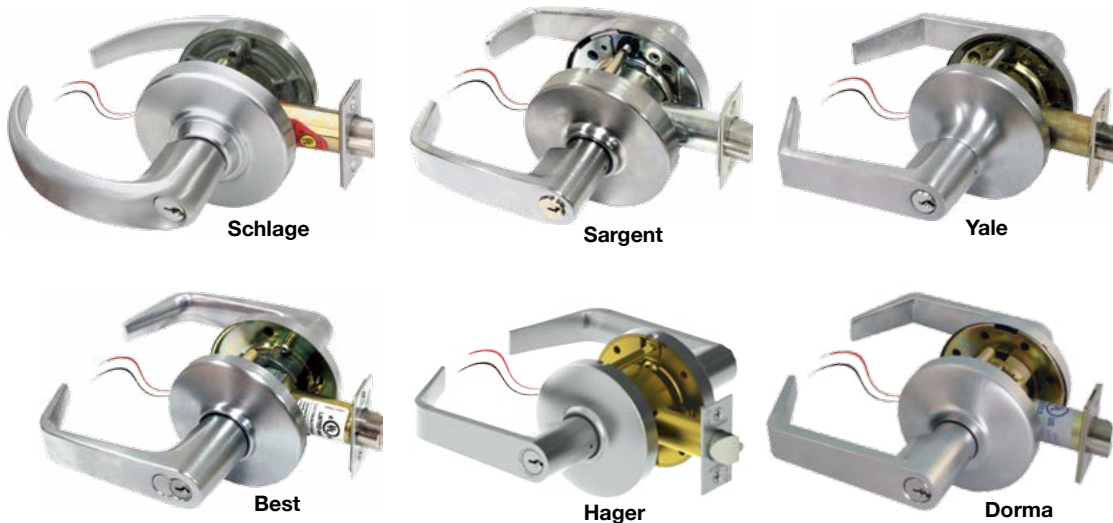
SDC's Electra™ Mod Locksets are designed for the access control of openings in commercial, industrial and institutional facilities where code compliance, dependable operation and resistance to physical abuse is required.

Schlage ND Series   **Best** 9KSeries   **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

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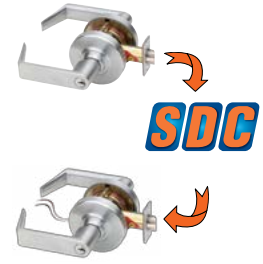
Major Brand Electrified Lock Chassis with Trim, *Provided by SDC Factory*

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

14   15   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

B   J   L   P
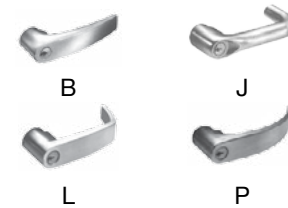
SDC Z7200 Cylindrical Locksets - SDC Electrified

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

Galaxy   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
ZS7250OMEQ	ZS7252OMEQ	ND80PD-OME-626	Omega

Athens   Rhodes   Sparta

Tubular   Omega
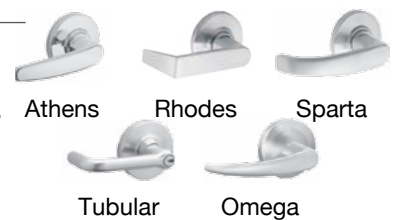
Yale 5400LN Cylindrical Locksets - SDC Electrified

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

Augusta   Monroe   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.
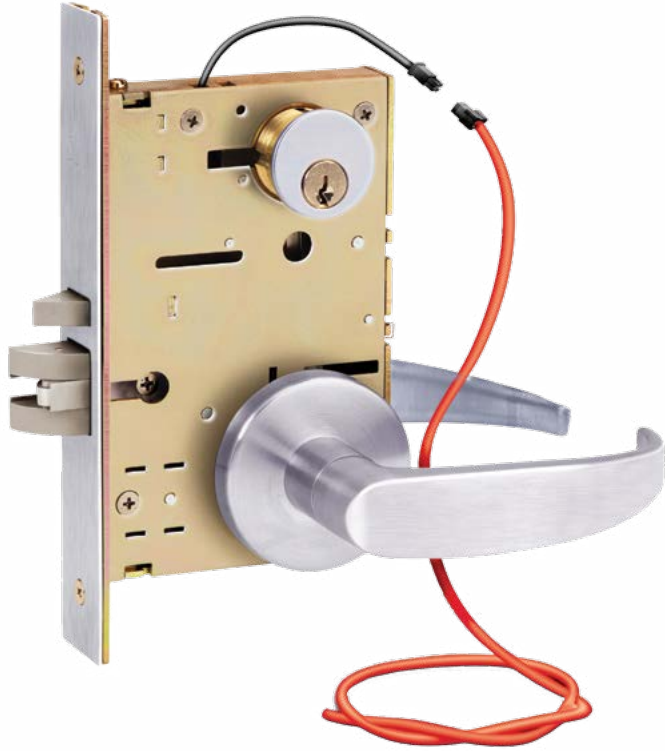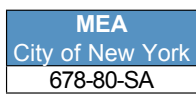
FEATURES

- 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**

MEA
City of New York
678-80-SA

Meets NFPA 80 & 101 for Life Safety
NFPA®

FIELD 12/24 SELECTABLE

UL®

YEAR 5 WARRANTY

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
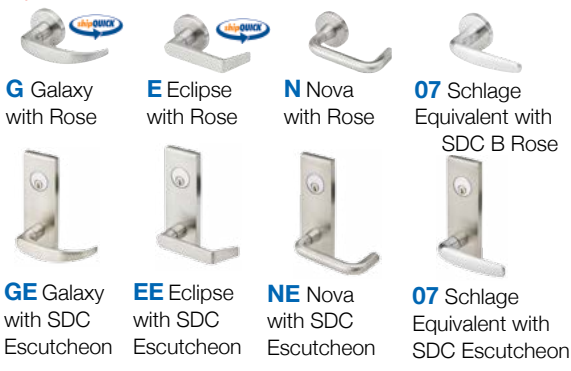
2| SPECIFY VOLTAGE - Z7835 ONLY

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

5| SPECIFY LEVER TRIM

G Galaxy with Rose
E Eclipse with Rose
N Nova with Rose
07 Schlage Equivalent with SDC B Rose

GE Galaxy with SDC Escutcheon
EE Eclipse with SDC Escutcheon
NE Nova with SDC Escutcheon
07 Schlage Equivalent with SDC Escutcheon

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-6KDQ 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
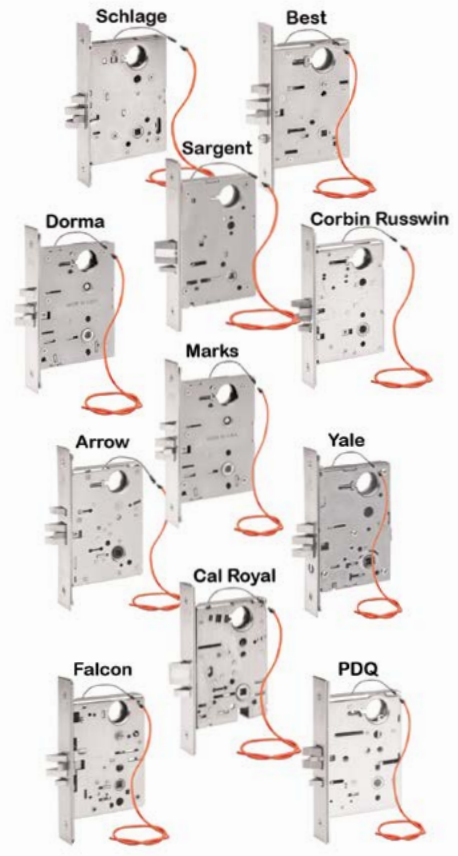
Selectric® Mod 7800 Series
Electrified Mortise Locksets

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.
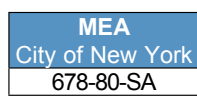

⚙ MODELS

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 Lock Supplied by Distributor for modification

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

Note: 2 locking hubs required for 7830/7832

MEA
City of New York
678-80-SA

FIELD 12/24 SELECTABLE | UL® | YEAR 5 WARRANTY

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

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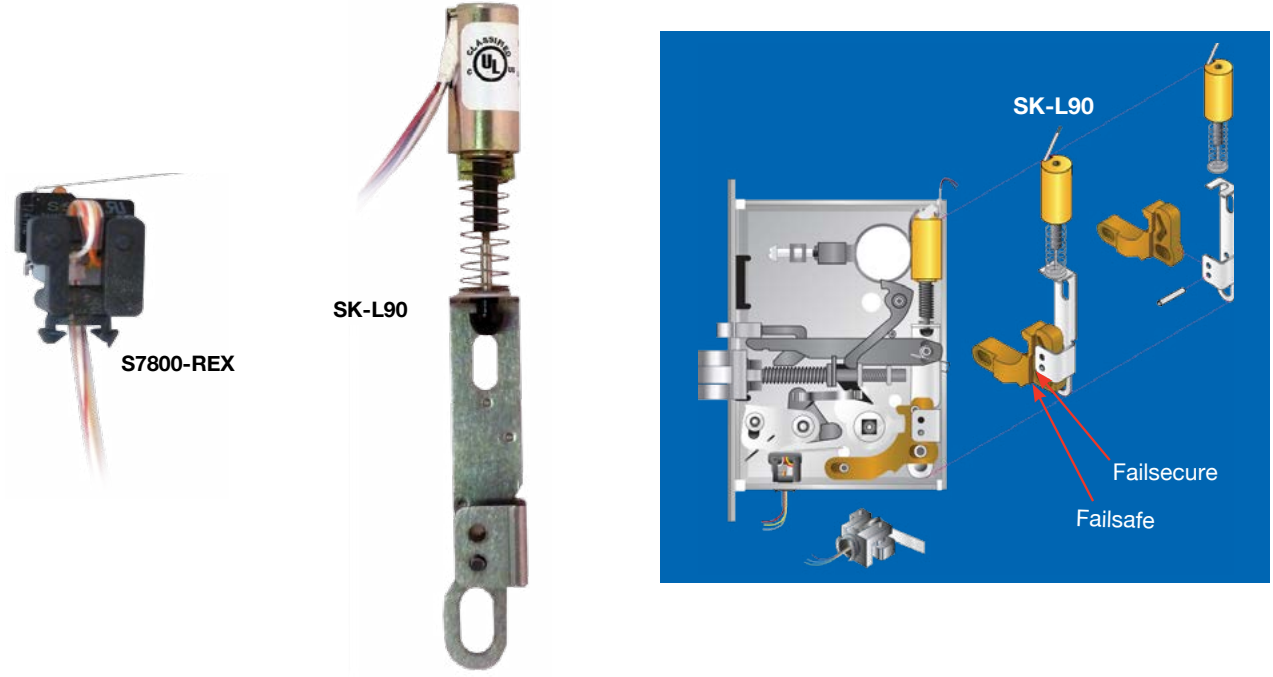
ACCESSORIES

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

SK Field Kit
Electrify Mechanical Mortise Locks

S7800-REX

SK-L90

SK-L90

Failsecure

Failsafe

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**

SDC SECURITY DOOR CONTROLS ■ WWW.SDCSECURITY.COM

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.
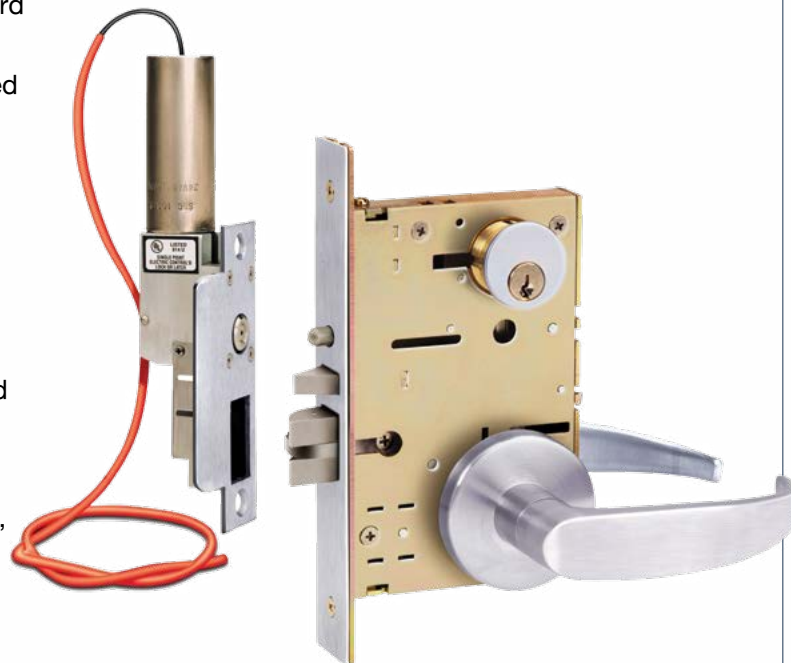
FEATURES

- 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.

MEA City of New York 678-80-SA

Meets NFPA 80 & 101 for Life Safety

YEAR 5 WARRANTY

SPECIAL ORDER

87
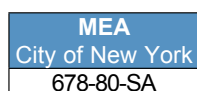
APPLICATIONS

- 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/Russwin
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

Multi-Brand Compatibility

Von Duprin • Yale • Corbin Russwin • Adams Rite • SDC • PHI Dor-O-Matic • IDC • Dorma • Hager • Cal-Royal • K2 • TownSteel Falcon • First Choice • Sargent • Arrow
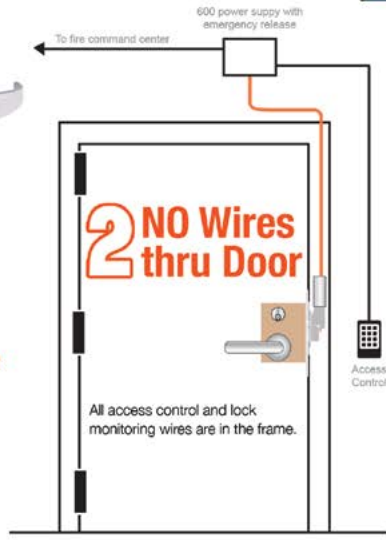
1 Hardwire control with NO Electric Hinge

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.

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.

Fig. 1
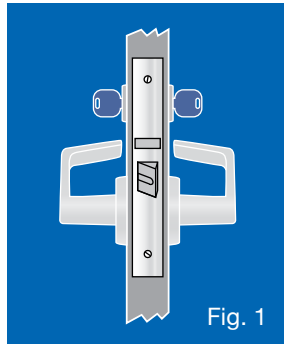
7530 / 7560

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.

Fig. 2
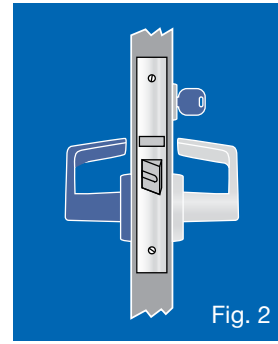
7550 / 7570

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
Standard Frame Actuator Strike Prep	
Dimension	Standard ANSI 4-7/8" x 1-1/4"
Face Frame Thickness	1-3/4" to 2"

Narrow Frame Actuator Strike	
Dimension	8-1/2" x 1-1/4"
Face Frame Thickness	1-1/4" to 1-1/2"
Failsecure Actuator Strike	
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"

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

⚙ HOW TO ORDER

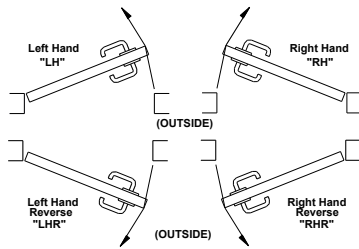### 1| SPECIFY MODEL

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

Left Hand "LH"
Right Hand "RH"
(OUTSIDE)
Left Hand Reverse "LHR"
Right Hand Reverse "RHR"
(OUTSIDE)

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 Bonze
P 625 Bright Chrome
Q 626 Dull Chrome (Standard)
S 629 Polished Stainless
U 630 Dull Stainless

6| SPECIFY LEVER TRIM

G Galaxy with Rose
E Eclipse with Rose
N Nova with Rose
07 Schlage Jupiter Equivalent with SDC B Rose

GE Galaxy with SDC Escutcheon
EE Eclipse with SDC Escutcheon
NE Nova with SDC Escutcheon
07E Schlage Jupiter Equivalent with SDC escutcheon

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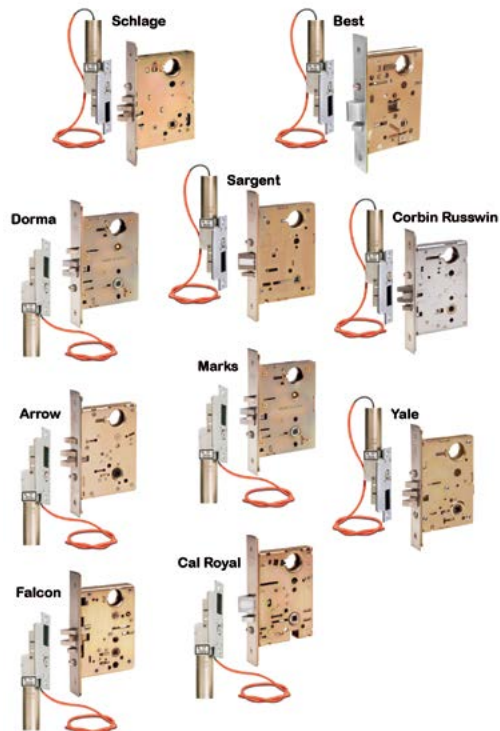
SDC can provide an SDC lockset with lever handles complete with the industry renowned HiTower® frame actuator (HiTower® Pro). Or you may send the lock body of your choice to SDC for conversion (HiTower® MOD).

✪ MODELS

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 Lock Supplied by Distributor for modification

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

MEA
City of New York
678-80-SA

Meets NFPA 80 & 101 for Life Safety

NFPA®

YEAR 5 WARRANTY

SDC SDC SECURITY DOOR CONTROLS ■ WWW.SDCSECURITY.COM

APPLICATIONS

SPECIFICATIONS

LOCK FUNCTION

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

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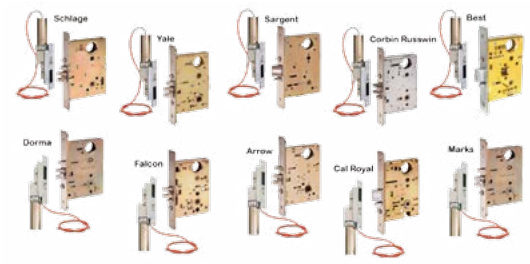
PRODUCT SKU SAMPLE: **S 7550 LR C Q SC-10**

⚙ 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
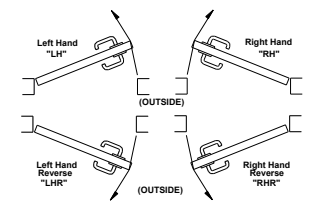
4| SPECIFY ACTUATOR VOLTAGE

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

SDC Door Check List
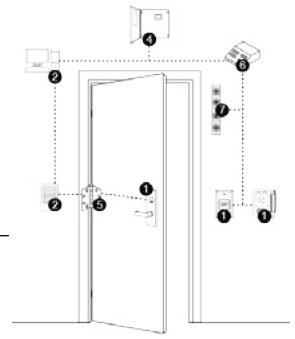
JOB NAME:_____

DOOR IDENTIFICATION: (EXTERIOR_____ (INTERIOR)_____

DOOR LOCATION OR NUMBER _____

SINGLE DOOR HANDING: RH___ LH___ RHR___ LHR___

DOUBLE DOORS HANDING: 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 ____

MEASURMENT FROM DOOR TO ACCESS CONTROLLERS: _____

MEASURMENT FROM DOOR TO POWER SUPPLY: _____

WIRE GAGE _____: WIRE TYPE _____: AMOUNT OF WIRES _____: EXTRA WIRES _____

VOLTAGE AT DOOR:_____: VOLTAGE AT POWER SUPPLY _____: CURRENT AT DOOR _____

Door Width ± 3/64"
± 1/32"
Ȼ Hinge
± 1/64"
± 1/64"
Door Height ± 3/64"
Lock Height ± 1/32"
Door Thickness ± 1/16"
Ȼ Hinge

DOOR HANDS

Left Hand "LH"   Right Hand "RH"

(Outside)

Left Hand Reverse Bevel "LHR, LR"   Right Hand Reverse Bevel "RHR, RR"

(Outside)

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INDEX

INDEX continued

Icon Index

- Made in the USA
- UL Listed
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- CE Listed
- Weather Resistant
- Availabe through shipQUICK Inventory
- Lifetime Warranty
- 3 Year Warranty
- 5 Year Warranty
- Field Selectable
- ADA Compliant
- Power over Ethernet Capable Locking Hardware

SERVICE

800-413-8783

SDC SECURITY DOOR CONTROLS ■ WWW.SDCSECURITY.COM

NOTES

SDC
Security Door Controls

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

LOCAL ALARM

EMERGENCY
DOOR RELEASE
BRAKE GLASS

DOOR RELEASE
EMERGENCY

PULL DOWN

ALARM WILL SOUND

EXIT