

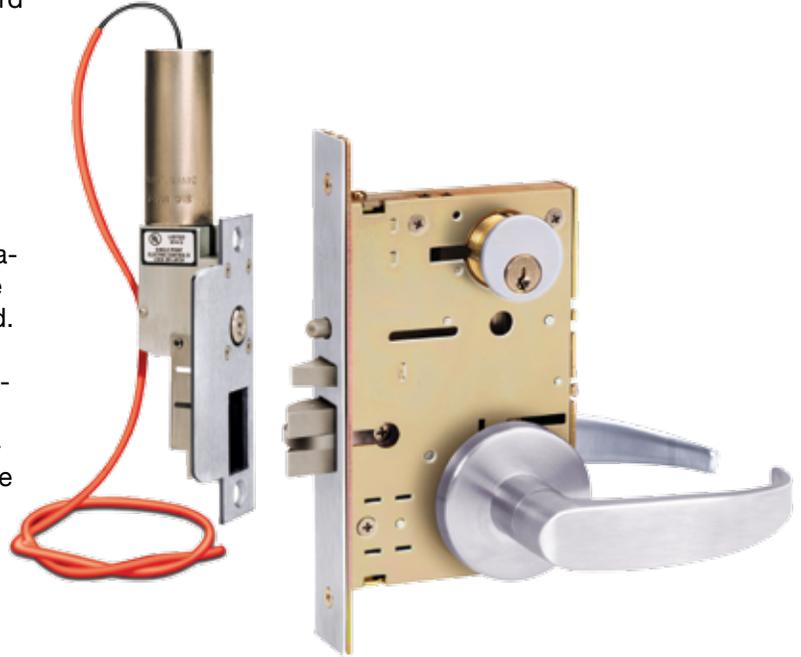
HiTower® Pro 7500 Series Frame Actuator Controlled Lockset

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

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Meets NFPA 80 & 101 for Life Safety



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	

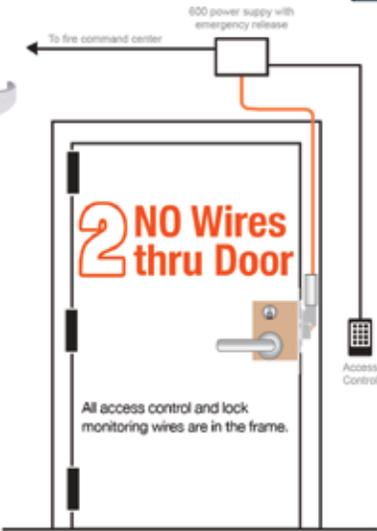


1 Hardwire control with **NO Electric Hinge**



HiTOWER® 7500

FRAME ACTUATOR CONTROLLED LOCKSET



600 power supply with emergency release
To fire command center
Access Control

2 **NO Wires thru Door**

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

Multi-Brand Compatibility

Von Duprin • Yale • Corbin Ruswin • Adams Rite • SDC • PHI
Dor-O-Matic • IDC • Dorma • Hager • Cal-Royal • K2 • TownSteel
Falcon • First Choice • Sargent • Arrow

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.

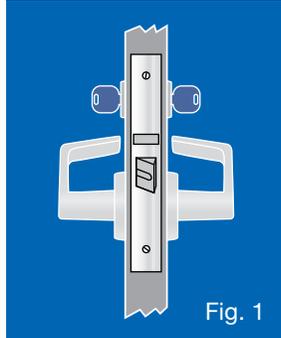


Fig. 1

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.

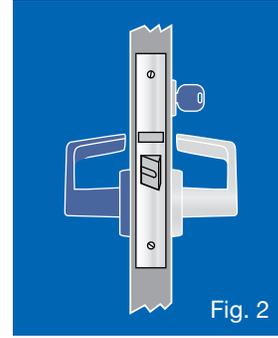


Fig. 2

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"



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**

4| SPECIFY ACTUATOR VOLTAGE

STANDARD FAILSAFE ACTUATORS

For 1.75" 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"

2| SPECIFY FUNCTION

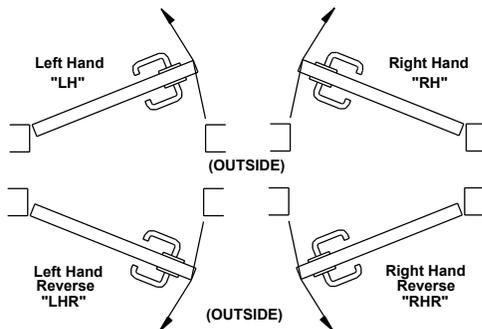
- 7530** Locked Both Sides, Failsafe
- 7550** Locked Outside Only, Failsafe
- 7560** Locked Both Sides, Failsecure
- 7570** Locked Outside Only, Failsecure

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

3| SPECIFY HAND

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



6| SPECIFY LEVER TRIM



MORTISE KEY CYLINDERS (OPTIONAL)

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

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