

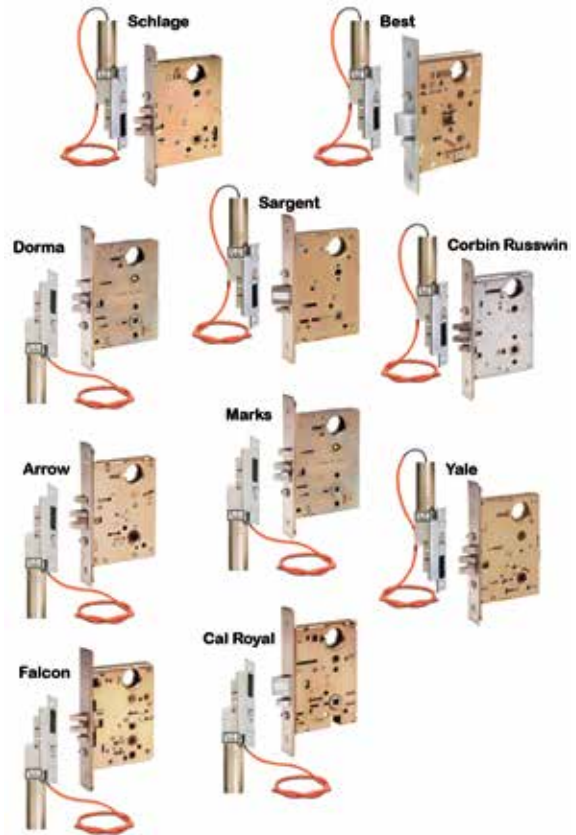
# HiTower® MOD 7500 Series

## 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

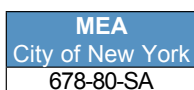
#### Major Brand Electrified Lock Chassis, Less Trim, Provided by SDC Factory

<b>ZA</b>	Falcon
<b>ZD</b>	Sargent
<b>ZI</b>	Corbin Ruswin
<b>ZN</b>	Arrow
<b>ZP</b>	Yale
<b>ZS</b>	Schlage
<b>ZT</b>	Best

#### Mortise Lock Supplied by Distributor for modification

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

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Meets NFPA 80 & 101 for Life Safety

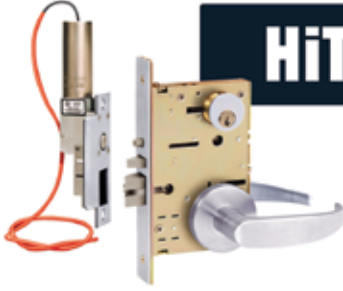


## APPLICATIONS


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

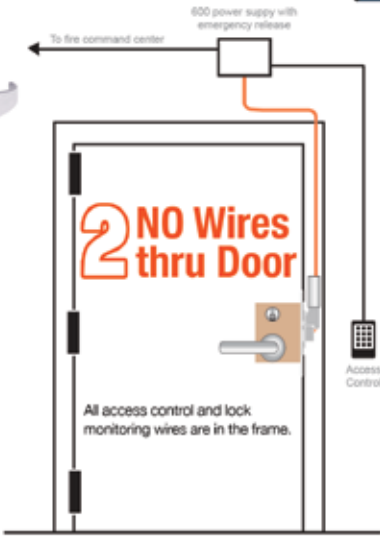


**1** Hardwire control with **NO Electric Hinge**



# 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.

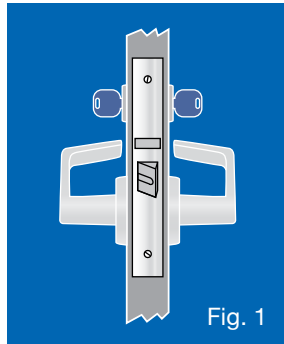




## LOCK FUNCTION

### 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.



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.

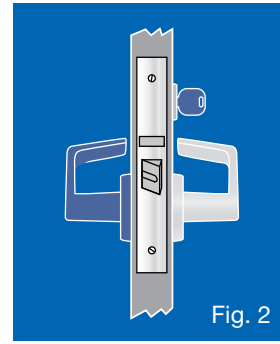
#### 7550 LOCKED OUTSIDE ONLY, FREE EGRESS FROM THE INSIDE

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

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

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



 **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.

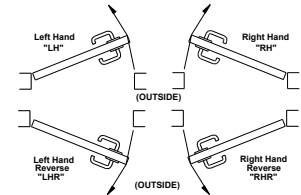
<b>A</b> Falcon	LM-561/MA581
(* Falcon - Distributor supplies face-plate)	020100-000
<b>D</b> Sargent	8204
<b>H</b> Hager	3880
<b>I</b> Corbin/Russwin	2057
<b>N</b> Arrow	B12
<b>O</b> Yale	7130F-L5 Exit Device
<b>P</b> Yale	8805
<b>R</b> Schlage Retro (Replaces 5000 Series)	L9080
<b>S</b> Schlage	L9080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