HiTower® MOD 7500 Series
Frame Actuator Controlled Lockset

MAJOR BRAND MECHANICAL LOCK ELECTRIFICATION

<table>
<thead>
<tr>
<th>Major Brand</th>
<th>Electrified Lock Chassis, Less Trim, Provided by SDC Factory</th>
</tr>
</thead>
<tbody>
<tr>
<td>ZA</td>
<td>Falcon</td>
</tr>
<tr>
<td>ZD</td>
<td>Sargent</td>
</tr>
<tr>
<td>ZI</td>
<td>Corbin Russwin</td>
</tr>
<tr>
<td>ZN</td>
<td>Arrow</td>
</tr>
<tr>
<td>ZP</td>
<td>Yale</td>
</tr>
<tr>
<td>ZS</td>
<td>Schlage</td>
</tr>
<tr>
<td>ZT</td>
<td>Best</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mortise Lock Supplied by Distributor for modification</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>D</td>
</tr>
<tr>
<td>H</td>
</tr>
<tr>
<td>I</td>
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<tr>
<td>N</td>
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<tr>
<td>O</td>
</tr>
<tr>
<td>P</td>
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<tr>
<td>R</td>
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<tr>
<td>S</td>
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<tr>
<td>T</td>
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<tr>
<td>U</td>
</tr>
<tr>
<td>V</td>
</tr>
</tbody>
</table>

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).

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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

<table>
<thead>
<tr>
<th>SDC - HiTower®</th>
<th>ACSI - Gemini</th>
<th>Corbin/Russwin</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAILSAFE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7530</td>
<td>8500-M2-PL</td>
<td>ML22960</td>
</tr>
<tr>
<td>7550</td>
<td>8500-M1-PL</td>
<td>ML22950</td>
</tr>
<tr>
<td>FAILSECURE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7560</td>
<td>8500-M2-PUL</td>
<td>ML22980</td>
</tr>
<tr>
<td>7570</td>
<td>8500-M1-PUL</td>
<td>ML22970</td>
</tr>
<tr>
<td>OPTIONS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SC-10</td>
<td>QC</td>
<td></td>
</tr>
<tr>
<td>L SPDT (Latch Status only)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S SPDT (Latch &amp; Deadlock Status)</td>
<td>CLS Closed loop only (SPDT not available)</td>
<td></td>
</tr>
<tr>
<td>MORTAR GUARD</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7500EB-S (1.75” - 2” Face Frames)</td>
<td>302-03-02</td>
<td></td>
</tr>
<tr>
<td>7500EB-N (1.25” - 1.5” Face Frames)</td>
<td>303-03-04</td>
<td></td>
</tr>
</tbody>
</table>

HiTOWER® 7500 FRAME ACTUATOR CONTROLLED LOCKSET

- Multi-Brand Compatibility
- Hardwire control with NO Electric Hinge
- 2 NO Wires thru Door
- 1973 SDC Pioneered & Patented
- 5 Thousands have been installed in buildings dominating city skylines worldwide.

Security Door Controls
ACCESS & EGRESS SOLUTIONS - THE LOCK BEHIND THE SYSTEM
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.

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.

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.

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

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

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” |
| Face Frame Thickness   | 2”                                             |

| Dimension              | Schlage ZS7560, ZS7570: 5-3/4” x 1-1/4”         |
| Face Frame Thickness   | 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.

- **A** Falcon  
  (*Falcon - Distributor supplies face-plate)*  
- **D** Sargent  
- **H** Hager  
- **I** Corbin/Russwin  
- **N** Arrow  
- **O** Yale  
  (Replaces 5000 Series)  
- **P** Yale  
- **R** Schlage Retro  
- **S** Schlage  
- **T** Best  
- **U** Dorma  
- **V** Marks

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

**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

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

**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

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