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**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Z7500</td>
<td>SDC Brand Lockset</td>
</tr>
<tr>
<td>ZY7500</td>
<td>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</td>
</tr>
<tr>
<td>ZR7500</td>
<td>SDC retrofit lockset replaces discontinued 5000/6000 Series</td>
</tr>
<tr>
<td>ZS7500</td>
<td>SDC supplied Schlage L9080 and electric frame actuator, LESS TRIM</td>
</tr>
</tbody>
</table>

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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></th>
<th>SDC - HiTower®</th>
<th>ACSI - Gemini</th>
<th>Corbin/Russwin</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAILSAFE</td>
<td>7530 8500-M2-PL</td>
<td></td>
<td>ML22960</td>
</tr>
<tr>
<td></td>
<td>7550 8500-M1-PL</td>
<td></td>
<td>ML22950</td>
</tr>
<tr>
<td>FAILSECURE</td>
<td>7560 8500-M2-PUL</td>
<td></td>
<td>ML22980</td>
</tr>
<tr>
<td></td>
<td>7570 8500-M1-PUL</td>
<td></td>
<td>ML22970</td>
</tr>
<tr>
<td>OPTIONS</td>
<td>SC-10 QC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>L SPDT (Latch Status only)</td>
<td></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>
<td></td>
</tr>
<tr>
<td>MORTAR GUARD</td>
<td>7500EB-S (1.75&quot; - 2&quot; Face Frames)</td>
<td>302-03-02</td>
<td></td>
</tr>
<tr>
<td></td>
<td>7500EB-N (1.25&quot; - 1.5&quot; 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
- All access control and lock monitoring wires are in the frame.
- 1973 SDC Pioneered & Patented
- Since 1973 HiTower lock technology has established the standard for security, safety and performance for electric locksets.
- Eliminate Parts & Labor
- Vandal Resistant
- Thousands have been installed in buildings dominating city skylines worldwide.
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.

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.

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

<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>Standard ANSI 4-7/8” x 1-1/4”</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 ZZR7560, ZZR7570: 4-7/8” x 1-1/4” |
| Face Frame Thickness | Schlage ZS7560, ZS7570: 5-3/4” x 1-1/4” |

| Dimension     | 2”                  |
| Face Frame Thickness |                      |
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

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 Bronze
  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