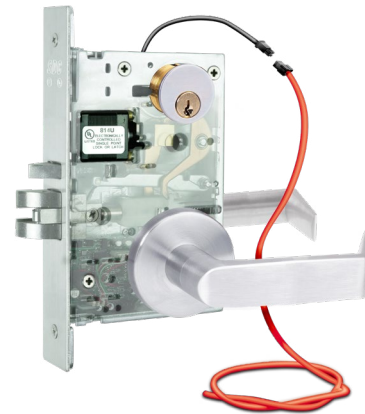


7700 Series

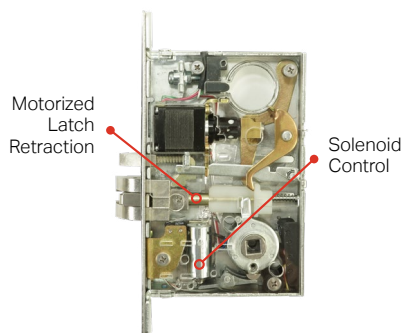
Motorized Latch Retraction & Solenoid Controlled Mortise Locks



Motorized electric latch retraction (MLR) mortise locksets replace existing mechanical or electrified mortise locksets for the access control of openings in commercial, industrial and institutional facilities where code compliance, dependable operation and resistance to physical abuse are required. These code compliant electric mortise locksets stay latched even when unlocked, maintaining fire door integrity.

SDC's 7700 series motorized latch retraction and solenoid controlled mortise locksets incorporate a grade 1 heavy duty mortise lockset and vandal resistant clutch – proprietary to all SDC locksets. The motorized latch retraction feature is designed for use on fire rated doors to provide access control and building and fire life safety compliance. Door stays latched even when de-energized. **Ideal for automatic door operator applications.** The solenoid controls the inside, outside or both door levers. The MLR and solenoid features operate independently to combine versatile passage functionality with failsafe or failsecure access control while meeting ADA Compliance. All SDC mortise locks feature a mortise cylinder to manually retract the latch.*

* Key cylinders sold separately, see related products.



MODELS

Z77 MLR & Solenoid Controlled Mortise Lock

STANDARD FEATURES

- Heavy duty mortise design
- New or retrofit construction
- Vandal resistant clutch
- MLR and solenoid control
- Key latch retraction
- Schlage trim compatible

OPTIONAL FEATURES

- Request-to-exit (REX)
- Latch status (LS)
- Trim options



APPLICATIONS

FAILSECURE OPERATION

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 backup is required for continued operation during a power loss.

FAILSAFE OPERATION

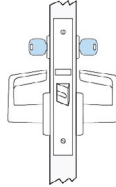
Locked when energized, the failsafe mode is recommended for fire life safety applications, such as stairwell doors, perimeter exit doors and safety mantraps. Loss of power or a signal from the life safety system causes all doors to unlock for free uninhibited access and egress.

LOCKED BOTH SIDES

Unlocked by an access control, remote control or key from either side.

7730 Locked Both Sides, Failsafe

7732 Locked Both Sides, Failsecure

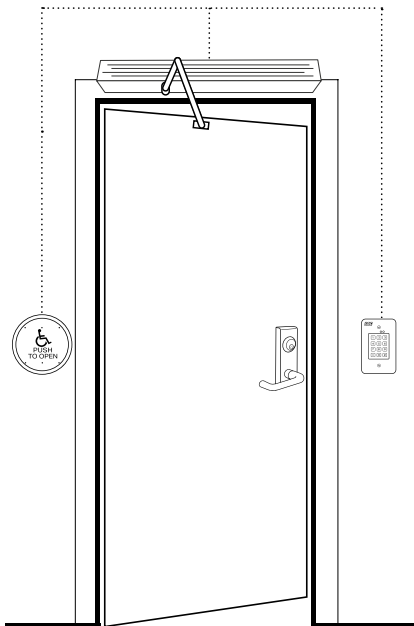
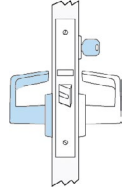


LOCKED OUTSIDE ONLY

Unlocked by an access control or key from the outside. Uninhibited egress at all times by turning the inside lever handle.

7750 Locked Outside Only, Failsafe

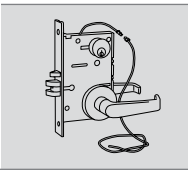
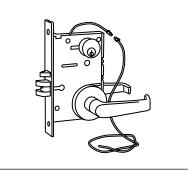
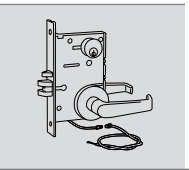
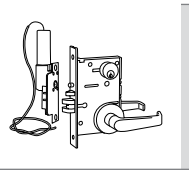
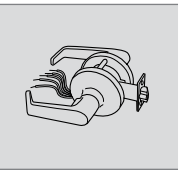
7752 Locked Outside Only, Failsecure



Mortise lock powered by operator

MLR mortise lock retracts latch, allowing for door automation

CROSS REFERENCE

Series	7800	7700	7600	7500	7200
					
Lock	Mortise	Mortise	Mortise	Mortise	Cylindrical
Electrification	Solenoid Control	MLR & Solenoid Control	MLR Control	Frame Actuator Control	Solenoid Control
	CLICK TO VIEW		CLICK TO VIEW	CLICK TO VIEW	CLICK TO VIEW

SPECIFICATIONS

Z77

Type	Mortise, MLR & Solenoid Control
Door Thickness	1 $\frac{3}{4}$ "
Door Prep	ANSI A156.13
Backset	2 $\frac{3}{4}$ "
Faceplate	8 $\frac{1}{32}$ " x 1 $\frac{5}{16}$ " x 7 $\frac{32}{32}$ "
Case	6" x 4" x 1"
Latchbolt	$\frac{3}{4}$ " Throw, Stainless Steel, Anti-Friction
Deadlatch	Above Latchbolt
Strike	Standard ANSI 4 $\frac{7}{8}$ "
Weight	7 lbs
Input*	24 VDC \pm 10%
Current Draw	620 mA Inrush, 160 mA Continuous (MLR) 300 mA (Solenoid)
Monitoring Contacts	SPDT 5 Amps @ 30 VDC Resistive

* 7700 models utilize an external control board that requires continuous power. Additionally, a power transfer device with a minimum of six conductors is required. (Ten conductors required with options)





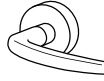
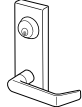

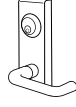
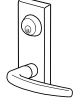



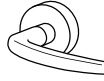
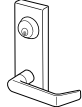

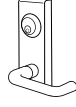
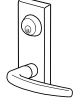



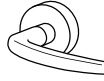
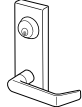

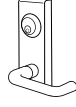
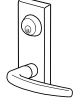
CERTIFICATIONS

UL 10C Positive Pressure Fire Tests of Door Assemblies
ULC-S104 Standard Method for Fire Tests of Door Assemblies

HOW TO ORDER

FOLLOW STEPS FOR ORDERING

 Designates optional step

<p>1 SPECIFY MODEL</p> <p>Z77 MLR & Solenoid Controlled Mortise Lock</p> <p>2 SPECIFY FUNCTION</p> <p>30 Locked Both Sides, Failsafe 32 Locked Both Sides, Failsecure 50 Locked Outside Only, Failsafe 52 Locked Outside Only, Failsecure</p> <p>3 SPECIFY HANDING</p> <p>L Left Hand (LH) LR Left Hand Reverse (LHR) R Right Hand (RH) RR Right Hand Reverse (RHR)</p> <p>4 SPECIFY FINISH</p> <p>Q 626 Dull Chrome  Standard P 625 Bright Chrome C 605 Bright Brass D 606 Dull Brass F 611 Bright Bronze G 612 Dull Bronze H 613 Dark Oil Rubbed Bronze S 629 Bright Stainless U 630 Dull Stainless</p>	<p>5 SPECIFY OPTIONS</p> <p>R* Request-To-Exit (REX) L Latch Status (LS) <i>* Available for use with 50 and 52 functions only.</i></p> <p>6 SPECIFY TRIM*</p> <table border="0"> <tr> <td> E Eclipse Rose</td> <td> G Galaxy Rose</td> <td> N Nova Rose</td> <td> 07** Schlage 07 Rose</td> </tr> <tr> <td> EE Eclipse Escutcheon</td> <td> GE Galaxy Escutcheon</td> <td> NE Nova Escutcheon</td> <td> 07E** Schlage 07 Escutcheon</td> </tr> </table> <p><i>* Key cylinder not included, order separately.</i> <i>** Available in 630 dull stainless finish only.</i></p> <p>7 SPECIFY TRIM OPTIONS</p> <p>STM* Single Side Trim Mount Adapter <i>* For use with E, G, N, 07 rose trim only.</i></p>	 E Eclipse Rose	 G Galaxy Rose	 N Nova Rose	 07** Schlage 07 Rose	 EE Eclipse Escutcheon	 GE Galaxy Escutcheon	 NE Nova Escutcheon	 07E** Schlage 07 Escutcheon
 E Eclipse Rose	 G Galaxy Rose	 N Nova Rose	 07** Schlage 07 Rose						
 EE Eclipse Escutcheon	 GE Galaxy Escutcheon	 NE Nova Escutcheon	 07E** Schlage 07 Escutcheon						

STEP NUMBER:	1	2	3	4	5	6	7
ORDERING EXAMPLE:	Z77	50	L	Q	R	G	STM

RELATED PRODUCTS

SOCKET CONNECTORS

- CC1-5-90** Input Power Connectors, 5ft Cable
- CC3-5-90** Input Power & Monitoring Connectors, 5ft Cable

DOOR POSITION STATUS (DPS)

Magnetic door contacts and electromechanical ball switch assemblies provide a means of monitoring door status.



[CLICK TO VIEW](#)

COMPATIBLE KEY CYLINDERS

- CYL-6KAQ** Mortise Cylinder, 6-Pin, 1 1/8" Length, Keyed Alike
- CYL-6KDQ** Mortise Cylinder, 6-Pin, 1 1/8" Length, Keyed Different



LASER GUIDED WIRE RACEWAY DRILL FIXTURE KITS

[CLICK TO VIEW](#)

