

# MLR Z7700 Series

## Dual Purpose Latch Retraction Mortise Locksets with Electrified Trim Control

MLR Mortise Locksets are designed for the access control of openings in commercial, industrial and institutional facilities where code compliance, dependable operation and resistance to physical abuse is required.



Ideal for automatic door operator applications.

### BUILDING AND FIRE LIFE SAFETY CODE COMPLIANCE

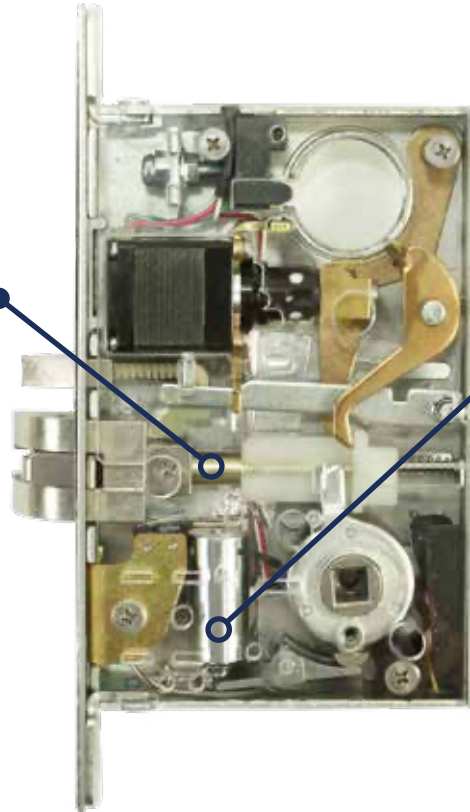
MLR locksets ensure that the door stays latched even when de-energized, maintaining fire door integrity. MLR locksets comply with all national building and fire life safety code requirements for use on fire rated doors where the use of electric strikes and magnetic locks is prohibited.

#### Mortise Latch Retraction

for use on fire rated doors to provide access control and building and fire life safety code compliance. Door stays latched even when de-energized. Ideal for automatic door opener applications

#### Electric Solenoid control

of inside, outside or both door levers. Combines versatile passage functionality with failsafe or failsecure access control while meeting ADA Compliance



### FEATURES

- Motorized low current operation 620mA inrush, 160 mA holding force @ 24VDC
- Solenoid current operation 300mA @ 24VDC
- Activate Motor and Solenoid individually
- SDC Fully Featured Lockset with Complete Application Flexibility for New Construction or Retrofit of Major Brand Mechanical Locks
- New or Retrofit Application, Replaces Most Mechanical Locks
- Field Selectable Handing
- Order with SDC Trim or Less Trim. Compatible with Schlage Trim Provided by Others
- Key Cylinder Latch Retraction

#### Full Monitoring Capability (Optional)

- Request-to-Exit, N.O.SPST
- MC-4 Door Contact - External
- Latchbolt Status, SPDT
- Recommended Power Supply: 631RF



### MODELS

- Z7730** SDC Brand Locksets  
Complete with SDC Lever Trim  
Locked Both Sides, Failsafe Mode
- Z7732** SDC Brand Locksets  
Complete with SDC Lever Trim  
Locked Both Sides, Failsecure Mode
- Z7750** SDC Brand Locksets  
Complete with SDC Lever Trim  
Locked Outside Only, Failsafe
- Z7752** SDC Brand Locksets  
Complete with SDC Lever Trim  
Locked Outside Only, Failsecure

Patent Pending





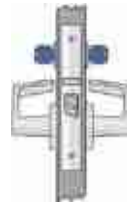
## SPECIFICATIONS

Patent Pending

<b>Input Voltage</b>	620 mA inrush, 160mA holding @ 24VDC (motor) 300 mA @ 24VDC (solenoid)
<b>Mode</b>	Failsecure/Failsafe (must be specified)
<b>Door Thickness</b>	1-3/4" Standard
<b>Door Prep</b>	ANSI A 156.13
<b>Latch Bolt</b>	3/4" Anti-friction Bolt with Auxiliary Deadlatch
<b>Backset</b>	2-3/4"
<b>Strike</b>	4-7/8" (Standard)
<b>Key Override</b>	6 PIN, 1 1/8" Mortise Cylinder with Schlage "C" Keyway (Optional)
<b>Wiring</b>	External terminal board - 6 cond min to lock, 10 cond with options
<b>Weight</b>	7.0 lbs



## LOCK FUNCTION



Locked from both sides:  
Unlocked by an access control, remote control or key from either side.



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

PRODUCT SKU SAMPLE: **Z7730 L Q E R D L**



## HOW TO ORDER

### 1| SPECIFY FUNCTION AND ELECTRICAL MODE

- Z7730** Lock Both Sides, Failsafe Mode
- Z7732** Lock Both Sides, Failsecure Mode
- Z7750** Lock Outside Only, Failsafe
- Z7752** Lock Outside Only, Failsecure

### 2| SPECIFY HAND

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

All hands are field reversible without disassembly

### 3| SPECIFY FINISH

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| <b>Q</b> 626 Dull Chrome (standard) | <b>H</b> 613 Oil Rubbed Bronze      |
| <b>C</b> 605 Bright Brass           | <b>P</b> 625 Bright Chrome          |
| <b>D</b> 606 Dull Brass             | <b>S</b> 629 Bright Stainless Steel |
| <b>F</b> 611 Bright Bronze          | <b>U</b> 630 Dull Stainless Steel   |
| <b>G</b> 612 Dull Bronze            |                                     |

### 4| SPECIFY LEVER TRIM



**G** Galaxy with Rose



**E** Eclipse with Rose



**N** Nova with Rose



**07** Schlage Equivalent with SDC B Rose



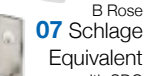
**GE** Galaxy with SDC Escutcheon



**EE** Eclipse with SDC Escutcheon



**NE** Nova with SDC Escutcheon



**07** Schlage Equivalent with SDC Escutcheon

### 5| SPECIFY OUTPUTS (OPTIONAL)

- R** Request-to-exit. Indicates inside lever operation for access control request-to-exit input, alarm shunt, remote annunciation or CCTV activation, N.O.SPST 1 Amp @ 30VDC.
- D** Door position status output. (MC-4 Door Contact)
- L** Latchbolt Status SPDT 1Amp @ 30VDC

### 6| CABLE AND CONNECTORS (OPTIONAL) FOR Z7700 SERIES ONLY

- CC1-5-90** 5ft. Cable & Connectors for Locks without Optional Outputs
- CC3-5-90** 5ft. Cable & Connectors for Locks with Optional Outputs

### 7| MORTISE KEY CYLINDERS (OPTIONAL)

- 1 required for 7752
- 2 required for 7732

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

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



## ACCESSORIES



- AUTO1** PUSH Operator - one motor assembly, PUSH arm
- AUTO2** PULL Operator - one motor assembly, PULL arm
- AUTO3** PUSH & PULL Arms with one motor assembly

**PTH-10Q** Ten Wire, Dull Chrome

**PTH-2+4Q** Six Wire Electric Hinge 1-pair 16 Amp inrush, 4 Amp continuous; 2 -pair 1 Amp @ 12/24V



**631RF** 1.5 Amp, 12/24 VDC Class 2 Output Power Supply

