



## 1051M Motor Operated Electro-Mechanical Deadlatch



# Electric Locks

For More information please call 210-123-4567



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## APPLICATION

For maximum security swinging doors that are to be unlocked from a remote location. Jamb mounted. Door position indicator switch, door closer and heavy duty door pull are recommended.

## FUNCTION

**ELECTRIC** - Remote switch activates a motor which retracts the latchbolt. Latchbolt remains retracted until door is opened approximately 2", then it releases, automatically latches and deadlocks when the door is closed.

**MECHANICAL** - Latchbolt is retracted by a paracentric key at the door and remains retracted until door is opened approximately 2", then it releases, automatically latches and deadlocks when the door is closed.

Automatic deadlatch feature is suspended when paracentric key is rotated to mechanical key hold-back position. Normal function is resumed when key is returned to deadlocked position.

## STANDARD FEATURES

- Deadlock indication switch
- Mechanical latchback
- Six-tumbler lock
- Plug connector
- High torque motor
- Fail secure
- Mounting fasteners
- Mechanical key holdback
- Adjustable deadlock actuator

## OPTIONAL FEATURES

**HALF CYCLE HOLDBACK** - Remote two position maintained contact switch is required for this function. Latchbolt is retracted electrically when switch is in open position. When remote switch is returned to locked position, latchbolt will extend when door is opened approximately 2". UL Listing for fire door not available with this function. Specify "D."

**NO LATCHBACK** - Allows latchbolt to extend without opening door. Normally used with "D" function. Specify "NL." **24 VDC MOTOR** - Specify "24 VDC."

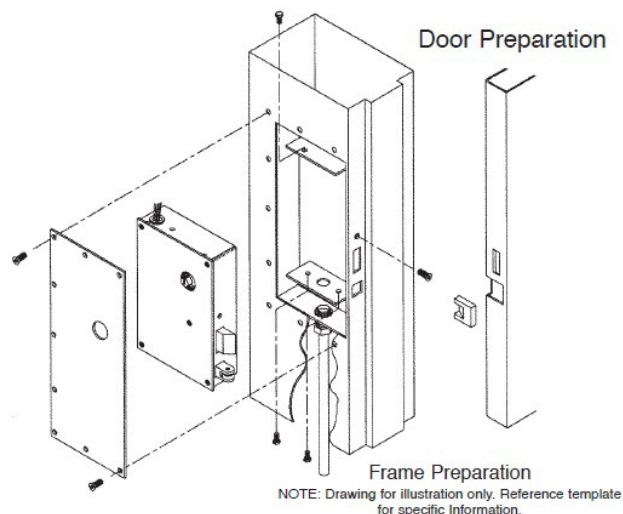
**1051M-1: KEYED ONE SIDE**  
**1051M-2: KEYED BOTH SIDES**



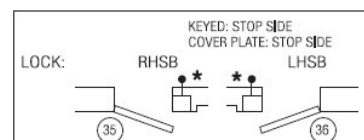
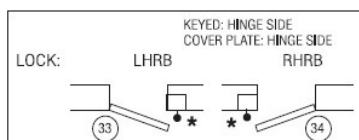
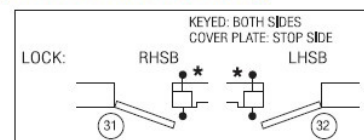
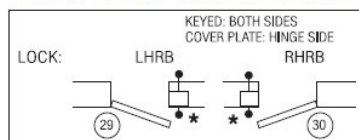
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**Swing Chart:** Specify circled swing number when ordering.



\* Indicates lock mounting/access plate side.

## TECHNICAL DATA

Standard Finish	Galvanized
Cover	3/16" steel plate
Case	3/16" steel plate
Locking	Cold-rolled, steel
Latchbolt	2" x 3/4" Stainless steel
Paracentric Cylinder	Silicon bronze/copper alloy
Tumblers	Six tumblers per lock.
Lock Size	13-3/8"H x 9"W x 3-1/8" D
Lock Weight	50 lbs.
Latchbolt Throw	1"
Electrical	115 VAC, 1 phase, 60 Hz., .3 amp running

UL Listed for use on three-hour fire doors. • UL Listed as burglary resistant.  
ASTM F 1577 Certified Impact Test-Grade 1. (115 VAC and 24 VDC motor)

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