

## JAMB MOUNTED FOR SWINGING DOORS

Maximum security.

# 1051M MOTOR OPERATED ELECTRO-MECHANICAL DEADLATCH

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

### 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.



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### STANDARD FEATURES:

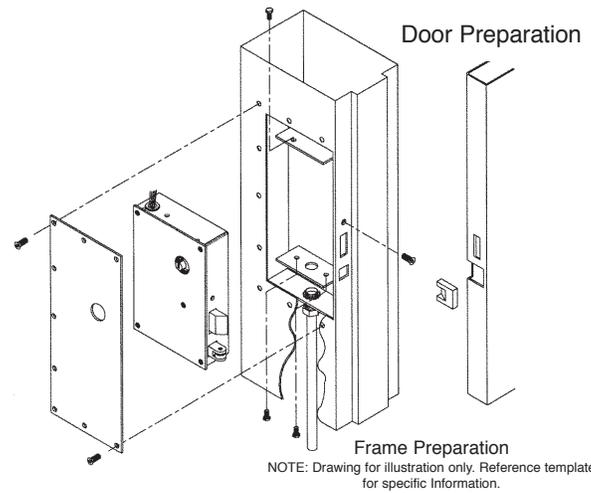
- Deadlock indication switch
- Mechanical latchback
- Six-tumbler lock
- Plug connector
- High torque motor
- Fail secure
- Mounting fasteners
- Mechanical key holdback
- Adjustable deadlock actuator

### OPTIONAL FEATURES:

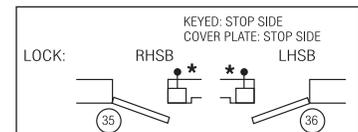
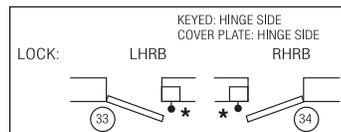
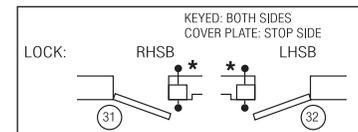
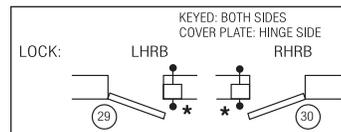
**HALF CYCLE HOLDBACK -** Remote two position maintained contact switch is required for this function. Latchbolt is retracted electrically when switch is in open position. When remote switch is returned to locked position, latchbolt will extend when door is opened approximately 2". UL Listing for fire 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."



**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
- **LATCHBOLT:** Cold-rolled, steel
- **DEADLOCK ACTUATOR:** Stainless steel
- **PARACENTRIC CYLINDER:** Silicon bronze/copper alloy
- **TUMBLERS:** Spring tempered brass. Tumblers actuated by phosphor bronze springs, six tumblers per lock
- **ELECTRICAL:** 115 VAC, 1 phase, 60 Hz., .3 amp running.
- **LOCK SIZE:** 13-3/8" H x 9" W x 3-1/8" D
- **LOCK WEIGHT:** 50 lbs.
- **LATCHBOLT SIZE:** 2" x 3/4"
- **LATCHBOLT THROW:** 1"
- UL Listed for use on three-hour fire doors.
- UL Listed as burglary resistant.
- ASTM F1577 Certified Impact Test-Grade 1 (115 VAC and 24 VDC motor)

