

JAMB MOUNTED FOR SWINGING DOORS

Maximum security.

1051P PNEUMATICALLY OPERATED DEADLATCH

1051P-1: KEYED ONE SIDE
1051P-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 pneumatic cylinder 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.



UL



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STANDARD FEATURES:

- Deadlock indication switch
- Mechanical latchback
- Six tumbler lock
- Plug connector
- Solenoid valve
- Fail secure
- Mounting fasteners
- Mechanical key holdback
- Adjustable roller bolt

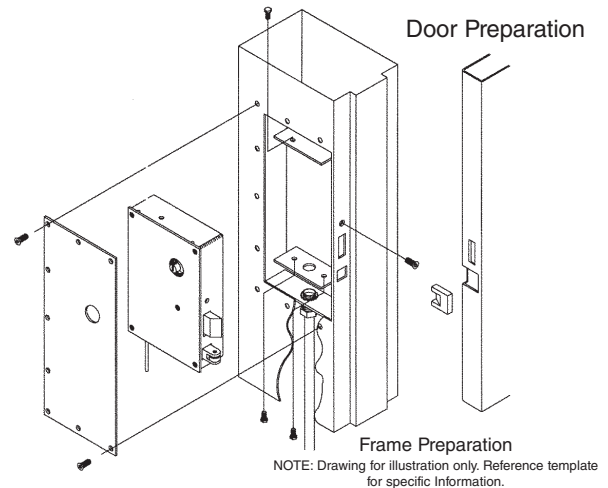
OPTIONAL FEATURES:

NO LATCHBACK - Latchbolt remains retracted as long as control switch is activated. Latchbolt extends when power is removed. Specify "NL."

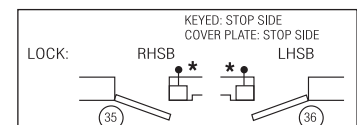
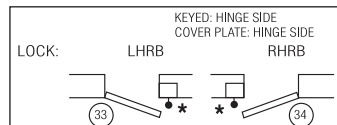
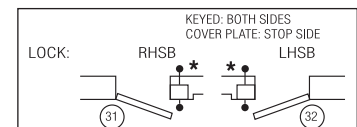
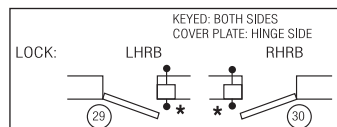
EMERGENCY EXIT DOOR HOLDBACK - Deadbolt retracted by solenoid or by key, extended by key only (no snaplatch feature). When deadbolt is extended, lock is deadlocked. Specify "EED." UL listing not available with this function.

EMERGENCY EXIT RELEASE - From remote location latchbolt can be retracted and held retracted until released from remote station. Requires a second pneumatic tube to the lock and an emergency reserve air system. Specify "EER." UL listing not available with this function.

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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
- **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:** 24 VDC, 1.5 watt continuous duty
- **AIR REQUIREMENT:** Consumption: 1.1 cubic inches per operation. Supply pressure: 80-100 P.S.I. at the door.
- **LOCK SIZE:** 13-3/8" H x 9" W x 3-1/8" D
- **LOCK WEIGHT:** 50 lbs.
- **LATCHBOLT SIZE:** 2" H x 3/4" TK
- **LATCHBOLT THROW:** 1"
- **ASTM F 1577 Certified Impact Test-Grade 1**

