

51E Solenoid-Operated Deadlatch

ELECTRO-MECHANICAL LOCKS

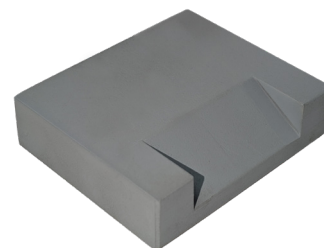
SteelCell LOCKS
ENGINEERED LOCKING SYSTEMS

- Jamb Mounted For Swing Doors
- Key: Paracentric
- Security: Maximum
- 120VAC Solenoid



Paracentric Key

Optional



Roller Block

Passed ASTM F1577 Standard

SteelCell LOCKS
ENGINEERED LOCKING SYSTEMS

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Formerly approved as Midwest Portland

APPLICATIONS

The 51E is a solenoid operated lever tumbler lock designed for a variety of swing door applications such as inmate rooms, housing and dayroom perimeter doors, corridors and exterior doors.

OPERATION DETAILS

The 51E deadlatch is a solenoid operated lock. When the door is in a locked closed condition, the latchbolt is deadlocked preventing the latchbolt from being retracted. Once the solenoid is energized, the deadlatch is lifted and the latchbolt is allowed to retract, unlocking the lock. The deadlock indicator switch provides monitoring of the deadlocked condition as well as the full projection of the latchbolt.

When ordering, the lock needs to be specified as having "Mechanical Holdback", which allows the bolt to be retracted until the door opens. or specified as "Non-Holdback", which only holds the latchbolt back as long as the solenoid is energized. The lock may be unlocked for an extended period of time by use of a maintained-contact switch.

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Standard Features

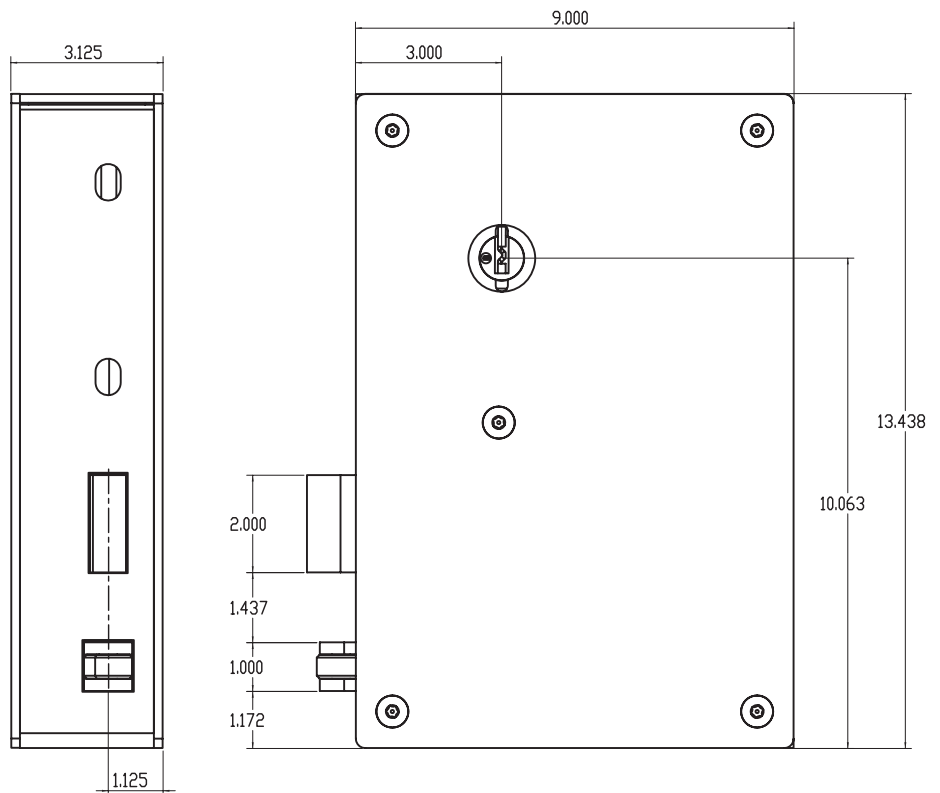
- 120 VAC Solenoid
- 3/4" Throw Latchbolt
- Deadlock Indicator Switch
- Heavy Duty Construction
- 7 Gauge Case and Cover
- Adjustable Roller Bolt
- Corrosive Resistant Parts
- Internal Mounting Holes
- Manual Key Release
- Easy Wiring Field Plug

Component Specifications

- Solenoid - 120 VAC 60 Hz
- Reinforced Backplate - 1/2" Steel
- Perimeter Guides
- 7 Gauge Steel - Zinc Plated Case & Cover
- Latchbolt - Hardened Steel Roller Pins
- Deadlock Lever - Zinc Plated Steel
- Operating Lever - 1/2" Zinc Plated Steel
- Springs - Stainless Steel

Keying

- Available 5 or 6 Tumbler
- (See Handing Chart Guide)



THIS ILLUSTRATION IS FOR INFORMATIONAL USE ONLY. DO NOT USE FOR CONSTRUCTION.

Choice of Function

Mechanical Holdback (Standard) - Once unlocked, the latchbolt is held retracted until the door opens. The latchbolt then projects and allows the door to be slammed and relocked.

Non-Holdback (Optional) - Latchbolt retracts only as long as power is applied to the solenoid.