

120E Deadlatch



Folger Adam

Electric Locks

120E Deadlatch



Optional Features

- Indication/auxiliary switches – An indication switch monitors the deadlock lever indicating a deadlocked latchbolt. The auxiliary switch monitors the roller bolt for extended or retracted position.
- Local electric key (LEK) – A unique function which uses two types of keys for applications where inmates carry their own keys, but supervision is necessary. One key turns in one direction only and operates the lock electrically. The supervisory key turns in both directions to operate the lock electrically and mechanically. The electric operation may be cancelled from a central console or control point at any time via a three-position switch.

121 Keyed case side
122 Keyed cover side
126 Keyed both sides

Applications

Series 120E Deadlatches are suited for medium or maximum security application including cell doors, sallyport or egress doors, corridor or entrance doors. Sensitive administration areas of an institution may also warrant 120 Series locks. These jamb-mounted locks are designed to be part of an electrical system with remote operation and monitoring to provide supervisory personnel with optimum protection and flexibility.

Operation

Standard (1): Series 120E locks unlock when the solenoid is energized by a momentary-contact switch. Once unlocked, the latchbolt is held mechanically retracted until the door is opened. It then extends automatically. Without latchback (1a) 04 one switch; 05 two switches: Once unlocked, the latchbolt is held retracted as long as the solenoid is energized. A maintained contact switch may be used to keep the latchbolt retracted for an extended period of time.

Standard Features

- Solenoid voltage – 120 VAC
- Superior durability – Working parts of stainless steel afford greater strength and corrosion-resistance.
- Standard lock size – All models use the same size case, cover and mounting holes for simplified installation and frame preparation.
- External two-piece plug connector – All models install without cover removal. Simple plug-in connection to field wiring.
- External mounting holes – Easy installation eliminates the need for cover removal.
- Standard lock – Mounts behind frame and does not require a faceplate.
- 1" throw latchbolt – Offers greater security. Each bolt is hardened to resist sawing. When latchbolt is engaged in strike, bevel is concealed to prevent picking.
- Mechanical unlocking by key – Specify Folger Adam Mogul cylinders, Maxi-Mogul® high security cylinders or other mogul cylinders.
- Investment-cast stainless steel strike – Furnished with four tamper-resistant screws.
- Continuous-duty solenoid – For instant action.
- Finish – Zinc plated case and cover.

For More information please call 210-533-1231



Electric Locks

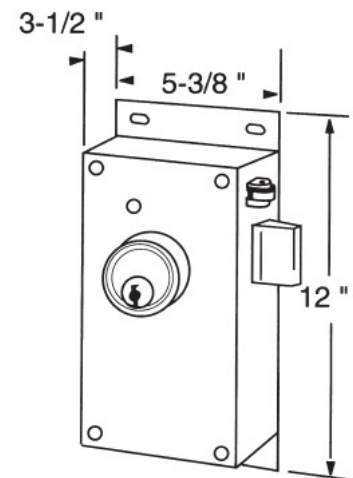
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Optional Features

- The Maxi-Mogul® Key Cylinder is uniquely suited for this high frequency operation, shown by cycle test of 1,000,000 operations. LEK not available on any 120E-3 Series Locks.
- Key Cylinder Extension – When the lock is keyed on the stop side of the jamb, an extension eliminates the need for a special, recessed frame pocket. Specify E-3 for 3", E-4 for 4" or E-5 for 5".
- Optional solenoid voltage – 230 VAC, 60Hz.
- Faceplate – US32D finish.

Model No.	Operation	Latchback		Operational Switches			Indication Switches		LEK Available
		With	W/O	Holdback	Relock	INT	Deadlatch	Aux	
120E-1-01	Standard (1)	X					X		YES
120E-1-04	Standard (1a)		X				X		YES
120E-1-07	Standard (1b)		X	X			X		YES
120E-2-01	Knob Release (2)	X					X		YES
120E-2-04	Knob Release (2a)		X				X		YES
120E-2-07	Knob Release (2b)		X	X			X		YES
120E-3-01	Key Holdback (3)	X					X		YES
120E-3-04	Key Holdback (3a)		X				X		YES
120E-3-07	Key Holdback (3b)		X	X			X		YES

The chart above shows applicability of above options to all 120E Models. For complete details, see How to Specify in this section.



Electrical Characteristics

- Solenoid voltages (120 VAC) –
- 13 amps inrush - .75 amps seated.
- Solenoid voltages (230 VAC) 6.6 amps inrush - .38 amps seated.
- Switches – SPDT, UL Listed, 15 amps @ 125 or 250 VAC.

Specifications

Case and Cover	10 gauge steel.
Latchbolt	Investment-cast stainless steel hardened, 1" throw.
Deadlock lever	Stainless steel, adjustable for door gap variations.
Bolt Opening	Investment-cast stainless steel with stainless steel roller
Opening Lever	One piece, bronze alloy with paracentric keyway.
Strike	Investment-cast stainless steel, attached with screws in two directions.
Solenoid	120 VAC continuous duty with stainless steel guides; 230VAC optional.
Springs	Stainless Steel

Note: Dimensions are for information and planning purposes only, and should not be used as templates.



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