

120ED Deadlatch



Folger Adam



For More information please call 210-533-1231

Electric Locks

120ED Deadbolt



Optional Features

- Optional solenoid voltage – 230 VAC, 60Hz.
- 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".

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

Applications

Series 120ED Deadbolts are ideal for a wide range of medium or maximum security applications including cell doors, corridor doors, entryways or any opening requiring a deadbolt-type locking. These jamb-mounted locks are designed to be part of an electrical system with remote unlocking and monitoring to provide staff safety and operational flexibility.

Operations

Key Holdback (3): Units unlock by key or when the solenoid is energized by a momentary-contact switch or emergency-unlock signal (fire alarm). Once unlocked, the deadbolt is held mechanically retracted, regardless of door position, and must be relocked by key.

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 case and cover removal.
- Standard lock – Mounts behind frame and does not require a faceplate.
- 1" throw deadbolt – Offers greater security. Each bolt is hardened to resist sawing.
- Mechanical unlocking by key – Specify Folger Adam Mogul cylinders, Maxi-Mogul® high security cylinders or other mogul cylinders.
- Continuous-duty solenoid – For instant action; positive unlocking.
- Finish – Zinc plated case and cover.
- Deadlock switch – Monitors the deadlock lever indicating a deadlocked deadbolt.

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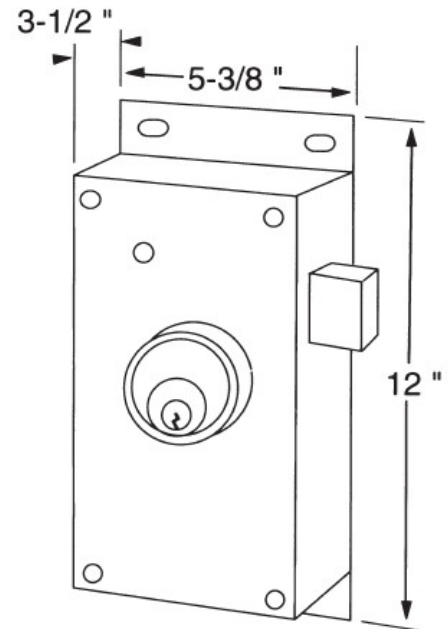
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The chart below shows applicability of above options to all 120ED Models.

Model No.	Operation Description	Latchback	Indication Switch Deadlock
120ED-01	Key Hold-back	X	X

Electrical Chacteristics

- Solenoid voltage standard (120 VAC) – 13 amps inrush - .75 amps seated.
- Solenoid voltages optional (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.
Deadbolt	Investment-cast stainless steel, hardened, 1" throw.
Deadlock lever	Stainless steel, adjustable for door gap variations.
Bolt Opening	Does not allow access to mechanism.
Operating Lever	Stainless steel to operate with solenoid.
Solenoid	120 VAC continuous duty with stainless steel guides; 230VAC optional.
Springs	Stinless Steel

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



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