



401 Series Electric Deadbolts

Electric Deadbolts are used in commercial and industrial buildings of all kinds. They are adaptable to any security system and ideal as auxiliary locks on doors where access control is desired.

These electric deadbolts are solenoid actuated, to either lock or unlock when energized, and to be controlled by remote switches or card-access devices. They are listed by Underwriters' Laboratories, Inc. as burglary protection devices.

401 Electric Deadbolt

For use with swinging, sliding, power operated and vertical lift doors.

Model 401 (Fail-Safe)

Locks When Energized—unlocks automatically in case of power failure. Under normal operation, deadbolt extends when door is closed and control switch is in "lock" position.

Model 401R (Non-Fail-Safe)

Unlocks When Energized—locks automatically in case of power failure. Under normal operation, deadbolt extends when door is closed and control switch is in "lock" position.

Features

- Compact, heavy-duty construction.
- Power-surge solenoid, continuous-duty. Specify 24 VAC or VDC. 6.25 amp inrush, 0.42 amps seated.
- Tapered Deadbolt—Helps locate hole in keeper that may be slightly misaligned.
- Door-Position Switch (DPS)—An internal switch to insure that the deadbolt extends only when door is closed.
- Deadlocks automatically when door is closed.
- Listed by Underwriters' Laboratories, Inc.—Burglary Resistant Electric Deadbolt. (UL Standard No. 1034, Burglary-Resistant Electric Locking Mechanisms.)
- Mortise Mounting.
- Non-Handed—Reversible. Operates in any position.
- Housing Size—4-1/2" H x 9" L x 1-3/4" W—designed to accommodate all optional features. (See optional features for smaller size housing.)
- Supplied with mortise keeper, wiring diagram and mounting screws.
- Faceplate Finish—US4 (Standard), US10, US10B, US26 or US26D.



Options

- Solenoid Voltage—120 VAC or VDC.
- Indication Switches—Internal switch(es) to monitor the positions of the deadbolt. This feature can be used for remote door monitoring, to control alarms, indicating lights, interlocks and automatic door operators. One or two switches can be supplied, depending on circuit requirements. Specify switch options by letters:
BL—A switch that indicates when the deadbolt is fully extended.
BUL—A switch that indicates when the deadbolt is fully retracted.
- Housing Size—A smaller size housing is available, 3-3/4" H x 9" L x 1-3/4" W, but accommodates only the fail-safe unit (Model 401)
- Accessories Available: Mounting Tabs (AS-MT-236)
Rim Mounting (401-RM)
Fence Gate Mounting (401-118)
- Manual Release—The deadbolt may be modified for overriding the electric operation, allowing for manual unlocking from one side only. Specify "MR". This feature may be adapted by the customer for a customized unlocking system, or by the following factory-supplied accessory items, which must be purchased separately:
- Rim-Type Key Cylinders—Either the exclusive, Folger Adam Mogul Key Cylinder or a builders' hardware key cylinder may be used for manual unlocking of the deadbolt, in conjunction with the appropriate holder.
- Key Cylinder Holders—Holds and protects the key cylinder used for manual unlocking. They are available in three styles, depending on where the holder is located:
Hinge—For the hinge side of a door frame, when the 401 Electric Deadbolt is mortised into either the door header or jamb.
Stop—For the stop side of a door frame, when the 401 Electric Deadbolt is mortised into either the door header or jamb.
Rim—For mounting to the surface of either a rim housing (401-RM) or fence-gate housing (401-118).

How to order: (example)

401 x 24 VDC x BL x US4

NOTE: When door is open, the door-position switch tripper can be manually depressed thereby giving a false indication that the door is locked. This can be eliminated, if desired, by installing a door-position indication switch and wiring it in series with the indication switch(es) in the deadbolt. Then a "secure" signal can be produced only after three conditions have been met: 1) door-position switch tripper is depressed. 2) deadbolt is extended and deadlocked. and 3) door is closed.

NOTE: All deadbolts are actuated by DC solenoids. When primary power source is AC, the deadbolt is supplied with an internal bridge rectifier

NOTE: A junction box is supplied with 120-volt deadbolts (to comply with UL requirements).

FOLGER ADAM SECURITY INC.



400 Series Electric Deadbolts

401D Dual Solenoid Electric Deadbolt

For swinging, sliding, power operated and vertical lift doors.

Model 401D (Fail-Safe)

Locks When Energized—Unlocks automatically in case of power failure. Under normal operation, deadbolt extends when door is closed and control switch is in “lock” position.



Model 401DR (Non-Fail-Safe)

Unlocks When Energized—Locks automatically in case of power failure. Under normal operation, deadbolt extends when door is closed and control switch is in “lock” position.

Features

- Compact, heavy-duty construction.
- Solenoid Actuated—two power-surge, continuous-duty solenoids. Specify 24 VAC or VDC. (Requires a two-position control switch). * 6.25 inrush, 0.42 amps seated.
- Tapered Deadbolt—Easily locates keeper.
- Door-Position Switch (DPS)—An internal switch to insure that the deadbolt extends only when door is closed.
- Deadlocks automatically when door is closed.
- Listed by Underwriters’ Laboratories, Inc.—Burglary Resistant Electric Deadbolt. (UL Standard No. 1034, Burglary-Resistant Electric Locking Mechanisms.)
- Mortise Mounting.
- Non-Handed—Reversible. Operates in any position.
- Housing Size—4-1/2" H x 9" L x 1-3/4" W—designed to accommodate all optional features. (See options for smaller housing.)
- Supplied with mortise keeper, wiring diagram and screws.
- Finish—US4 (standard), US10, US10B, US26 or US26D.

Options

- Solenoid Voltage—120 VAC or VDC.
- Indication Switches—Internal switch(es) monitor deadbolt positions. Can be used for remote door monitoring, to control alarms, indicating lights, interlocks and automatic door operators. One or two switches supplied, depending on circuit requirements. Specify switch options by letters:
BL—Switch indicates when deadbolt is fully extended.
BUL—Switch indicates when deadbolt is fully retracted.
- Accessories Mounting Tabs, Rim or Fence Gate Mounting.
- Manual Release—Deadbolt may be modified to override electric operation, allowing for manual unlocking from one side only. Specify “MR”. This feature may be adapted by the customer for a customized unlocking system, or by the following factory-supplied accessory items, purchased separately:

- Rim-Type Key Cylinders—Folger Adam Mogul Key Cylinder or a builders’ hardware key cylinder may be used for manual deadbolt unlocking, in conjunction with the appropriate holder.
- Key Cylinder Holders—Holds and protects the key cylinder used for manual unlocking. They are available in three styles, depending on where the holder is located:
Hinge—For hinge side of door frame, when 401D Electric Deadbolt is mortised into door header or jamb.
Stop—For stop side of door frame, when 401D Electric Deadbolt is mortised into door header or jamb.
Rim—For mounting to the surface of either a rim housing (401-RM) or fence-gate housing (401-118).

How to order: (example)

401D x 24 VDC x BL x US4

NOTE: When door is open, the door-position switch tripper can be manually depressed thereby giving a false indication that the door is locked. This can be eliminated, if desired, by installing a door-position indication switch and wiring it in series with the indication switch(es) in the deadbolt. Then a “secure” signal can be produced only after three conditions have been met: 1) door-position switch tripper is depressed. 2) deadbolt is extended and deadlocked, and 3) door is closed.

**NOTE: All deadbolts are actuated by DC solenoids. When primary power source is AC, the deadbolt is supplied with an internal bridge rectifier*

NOTE: A junction box is supplied with 120-Volt deadbolts (to comply with UL requirements).

