ELECTRIC STRIKES

FOLGER ADAM Electric Strikes stand out above all others because of their well–known reputation for reliability and durability. Each one has its case, working parts and springs made from stainless steel. They have many features, including operating action, various operating voltages, faceplate finishes and indication switches.

All electric strikes conform to ANSI/BHMA A 156.5–1984 requirements for Grade 1 Electric Strikes. They are listed by Underwriters Laboratories Inc. as burglary protection equipment — several models are also listed as fire door accessories .

Series 300 and Series 700 are both equal in strength, quality and performance. Series 700 are smaller in size, and fit into an ANSI/BHMA A115.1–1982 door, frame cutout 4 7/8"H × 1 1/4"W.

Features

- Tamper–resistant, extra heavy duty construction
- Corrosion–resistant metals
- Reversible — Non–handed (except for Model 310–3–1 DBS)
- Remote electric operation — The electric strike can be operated by a variety of switches or card access devices
- Solenoid–actuated — All solenoids are rated for continuous–duty operation, exceeding ANSI/BHMA standards
- A choice of two operating actions is available:
  1. Non–fail safe operation (NFS) — Unlocks when solenoid is energized, automatically locks in case of power failure.
  2. Fail–safe operation (FS) — Locks when solenoid is energized, automatically unlocks incase of power failure.*
- A choice of several operating voltages is available:

  1. AC voltages (Series 300 only) — 12,24, or 120 VAC/60 HZ, may produce a slight "buzzing" sound. To produce a louder "buzzing" sound, the AC solenoid is equipped with the "audible" feature. This feature must be specified when ordering.
  2. AC–SO voltages — 6, 12, 24, 48, or 120 VAC–SO, are for silent operation (without the "buzzing" sound).
  3. DC voltages — 6, 12, 24, 48 or 120 VDC.
- A choice of five latchbolt keepers is available. They are each used with a specific type of latchbolt, and designated as follows:

  1/2" — For conventional 1/2" or 5/8" throw.
  3/4" — For conventional 3/4" throw latchbolts.
  PK — For swinging, Pullman–type latchbolts which are used in most rim exit devices.
- Horizontal keeper adjustment — The position of the latchbolt keeper is adjustable, up to 3/16", to compensate for a misalignment between the door and frame.
- Indication switches — Internal switches for monitoring the latchbolt and/or deadbolt of the locking hardware; and/or the locking cam of the electric strike. They can be used for remote door monitoring (to control alarms or indicating lights) or for electrical interlocking. One or two of these switches can be supplied, depending on circuit requirements. Each of these switches is a single–pole, double–throw type (SPDT), and rated for 5 amps@ 125 or 250 VA. They are designated as follows:

  LCBM (Series 300 only) — This switch monitors both the latchbolt and locking cam. It indicates that the latch bolt is extended into the electric strike, and the latchbolt keeper is locked in place.
- Faceplates — The majority of faceplates are investment case of either brass or stainless steel. However, the following materials are also used: Die–cast brass for Model 310–4; brass bar stock for Models 310–4–1, 310–4–2, 310–4–3 and 310–4–30; sand–cast aluminum for Model 310–5; and aluminum bar stock for Models 310–6–1, 310–6–2, 310–6–3, 310–6–30 and 310–8.
- Deadbolt cavity in faceplate (Model 310–3–1 only) — 1" deep. The deadbolt must be retracted manually—it is not released by the electric strike.
- Extended lip on faceplate — Several models of electric strikes allow for an extension to be added to their faceplate when used on a door frame having a deep rabbet. This extension, or lip, forms a path for the latchbolt. Extended lips are available up to 2" long, increments of 1/4".
- Supplied with mounting screws, wiring diagrams and installations.

**CAUTION: The fail–safe operating action is not permitted for use on UL–labeled fire doors. All electric strikes with the fail–safe operating action are actuated by a DC solenoid. When the primary power source is AC, the solenoid is supplied with an externally attached, full wave bridge rectifier.*

How to Order Electric Strikes:

1. Quantity
2. Model Number
3. Operating action, either non–fail–safe (NFS) or fail–safe (FS)
4. Operating voltage of solenoid, either alternating current (AC), alternating current with silent operation (AC–SO), or direct current (DC)
5. Type of latchbolt keeper
6. Indication switches, if any
7. Faceplate finish

Series 300 Electric Strikes

These electric strikes are used with bored locks, mortise locks, or mortise exit devices.

FOL 310 2

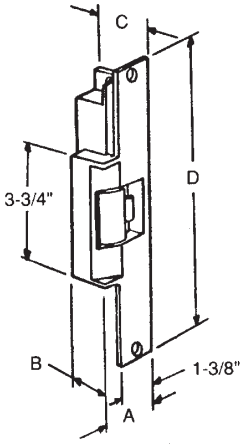
FOL 310 2 3/4

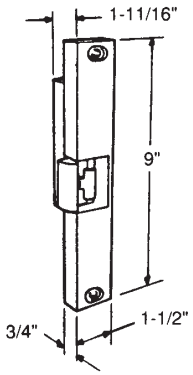
FOL 310 4

- For a 1/2" or 5/8" throw latchbolt
- 1/2" latchbolt keeper standard, PK optional
- Finishes: 630

A	B	C	D
2 1/16"	1 1/2"	1 5/8"	9"

Part No.: FOL 310 2





- For a 3/4" throw latchbolt
- 3/4" latchbolt keeper standard
- Finishes: 630

A	B	C	D
2 5/16"	2"	1 7/8"	9"

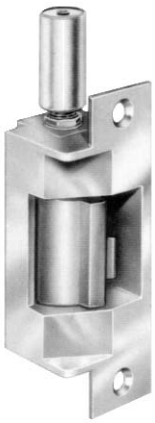
Part No.: FOL 310 2 3/4

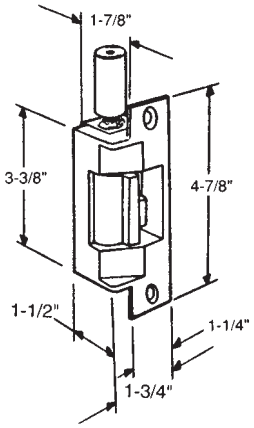
- For a rim exit device having a 3/4" Pullman–type latchbolt—used on the inactive leaf of a pair of doors equipped with a door coordinator.
- Finishes: 630

Part No.: FOL 310 4

Series 700 Electric Strikes

These electric strikes are used with bored locks, mortise locks, and mortise exit devices.





FOL 712 75

- For hollow–metal frame applications
- For a 1/2" or 5/8" or 3/4" throw latchbolt
- 3/4" latchbolt keeper standard
- Finishes: 630

Part No.: FOL 712 75