

8500 Series

The **fire-rated, concealed** electric strike **solution** for mortise locksets

The 8500 series is a fire rated, compact, high performance electric strike featuring a unique concealed design for use with mortise locksets without a deadbolt. Designed for fast, convenient installation, the 8500 installs with little or no modification to the frame. Simply remove the existing strike plate, remove the dust box and install. Its strength is derived from a unique keeper pin locking design, enabling the 8500 to exceed Grade-1 ratings. This unique electric strike complies with NFPA 80-07 guidelines for retrofit into fire-rated frames. The 8500 accommodates mortise latchbolts up to 3/4" throw.

Specifications

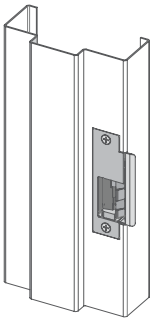
- UL 10C-fire-rated, 3 hour single-door fire (fail secure only)
- CAN4-S104 (ULC-S104) fire door conformant
- NFPA 80-07 Compliant
- UL 1034 burglary-resistant listed and suitable for outdoor use
- UL 294 (6th Edition) listed
- ANSI/BHMA A156.31, Grade 1
- NFPA -252 fire door conformant
- ASTM-E152 fire door conformant
- RoHS compliant
- Patent: 8,783,744
- Patent Pending

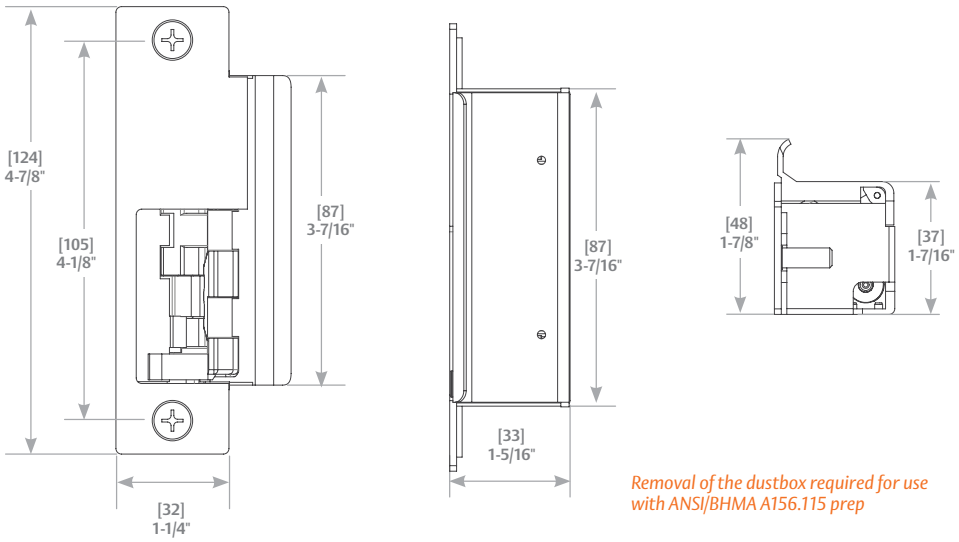
Frame Application

- Metal
- Wood

Electrical

- .24 Amps @ 12 VDC/VAC
- .12 Amps @ 24VDC/VAC
- DC continuous duty/AC intermittent duty only
- PoE friendly





Removal of the dustbox required for use with ANSI/BHMA A156.115 prep

Standard Features

- No cutting to the face of the frame
- Stainless steel construction
- Tamper resistant
- Static strength 1,500 lbs.
- Dynamic strength 70 ft-lbs.
- Endurance 500,000 cycles
- Field selectable fail safe/ fail secure
- Dual voltage 12 or 24 VDC/VAC
- Non-handed
- Metal or wood frame
- Internally mounted solenoid
- Accommodates 3/4" mortise latchbolts
- Strike body depth 1-5/16"
- Plug-in connector
- Full pocket shims for horizontal adjustment
- Five-year limited warranty

Optional Features

- **LBM** » Latchbolt Monitor
- **LBSM** » Latchbolt Strike Monitor
- 4 faceplate option kits to work with most mortise locksets, see page 42

Accessories

150 » Strike latch guard
2001M » Plug-in bridge rectifier
2004M » ElectroLynx® adapter
2005M3 » SMART Pac® III
2006M » Plug-in buzzer

Finishes

630 » Satin stainless steel
605 » Bright brass
606 » Satin brass
612 » Satin bronze
613 » Bronze toned
629 » Bright stainless steel

MORTISE LOCKS WITHOUT DEADBOLTS
FIELD SELECTABLE (12 OR 24VDC)
FIELD SELECTABLE (FAIL SECURE / FAIL SAFE)
FIRE RATED
GRADE 1
OUTDOOR RATED
UL 1034 BURGLARY LISTED

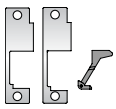
hes
ASSA ABLOY

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8500 Series Faceplate Option Kits

The 8500 faceplate options kits combine two different faceplate pocket styles with three different deadlatch platform profiles for compatibility with a wide variety of mortise locksets. HES 8500 faceplate option kits are lock specific. There are two faceplates included in each kit: a standard faceplate and a faceplate with a wider pocket to address less-than-ideal sagging door conditions.

***Operation**: After release, the keeper returns to the locked position*

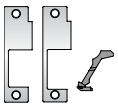


4-7/8" x 1-1/4"

851M Option

For use with: Mortise locksets
Compatible locksets: Sargent 8100, 8200, 9200
» **ANSI/BHMA Numbers:** E05031, E09321, E09322, E09323



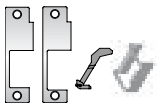


4-7/8" x 1-1/4"

852K Option

For use with: Mortise locksets
Compatible locksets: Corbin Russwin ML 2000
» **ANSI/BHMA Numbers:** E05031, E09321, E09322, E09323



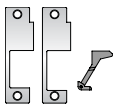


4-7/8" x 1-1/4"

852L Option

For use with: Mortise locksets
Compatible locksets: Schlage L9000
» **ANSI/BHMA Numbers:** E05031, E09321, E09322, E09323





4-7/8" x 1-1/4"

852M Option

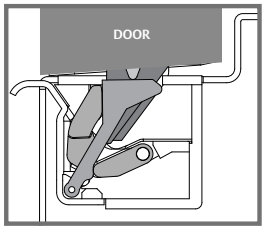
For use with: Mortise locksets
Compatible locksets: Yale 8700 (manufactured after 2005) & 8800, Accurate, Falcon, Kaba Ilco/Unican
» **ANSI/BHMA Numbers:** E05031, E09321, E09322, E09323



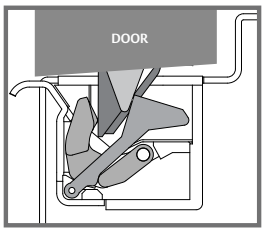
Get to Know the **HES 8500**

The HES 8500 concealed electric strike for mortise locksets builds on the tradition of ground-breaking design you've come to know in the 8000 series concealed electric strike family. It has a unique design unlike any electric strike on the market today. It's important to understand the extraordinary design of the 8500, so that you can correctly install and operate it.

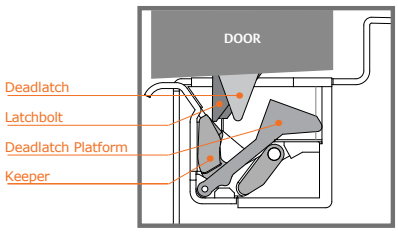
When the door is closed, the mortise latchbolt is held secure by the 8500 keeper. A 'deadlatch platform' insert holds the deadlatch in its locked state. Place the deadlatch platform into one of three locations in the strike as appropriate for the type of mortise lockset.



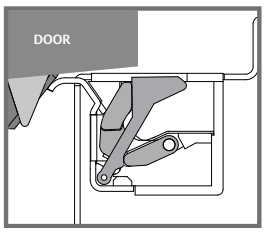
When the electric strike is energized, the keeper begins to rotate and the deadlatch platform falls away, allowing the deadlatch to drop and the latchbolt to become unguarded.



As the door moves forward, the latchbolt slides first along the keeper and then up the internal ramp.



As the door continues along its arc away from the frame, the latchbolt and deadlatch exit the 8500, which quickly returns to its locked state.



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