

Reduce your install time by evaluating your opening

The HES 8000/8300 Electric Strikes can be adjusted to compensate for frame and door irregularities. Sometimes, adjusting the frame and door back to industry standards is not an option. Here are some tips to quickly compensate for frame twist and determine the condition of the latchbolt.

Measure Frame Twist

One way to measure frame twist is to place a carpenter square on the stop and the face of the door. If the angle is less than 90 degrees, the 45 degree ramp angle of the HES 8000/8300 is steepened and may need to be corrected as shown (*Figure 1*).

We recommend you check the condition of the latchbolt prior to installing the 8000/8300. Poorly constructed, worn out or damaged latchbolts may not slide along a ramp at any angle. To check the condition of your latchbolt, we recommend applying a slight force to the tip of the latchbolt (about 45 degrees to the door face). Make sure the latchbolt can be pushed up into the door.

Compensate for Frame Twist

When a frame is twisted, the relationship between the face of a closed door and of the inside face of the frame (i.e., rabbet) may not meet the 90 degree industry standard. Untrue frames and doors impact latchbolt wear and the force required to exit, so we recommend you ensure that the angle is between 90–95 degrees.

If manipulating the frame is not possible, we recommend placing several shims included under the top and bottom (stop side) of the faceplate (*Figure 2*). This effectively increases the 8000/8300 ramp angle and compensates for frame twist. You can also compensate for frame twist by placing shims under the top and bottom (bevel side) of the latchbolt (*Figure 3*).

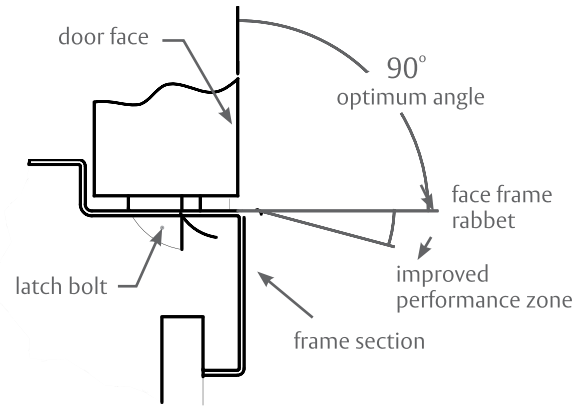


Figure 1

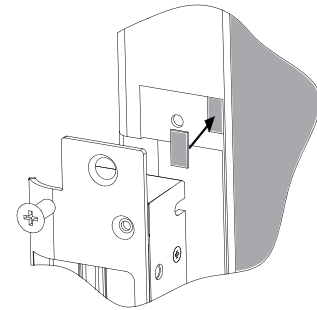


Figure 2

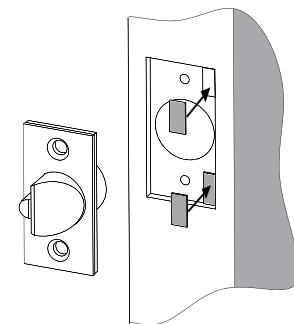


Figure 3

HES[®] 8500 Electric Strike

*Works with mortise locksets
without a deadbolt up to
a 3/4" throw latchbolt*



Also available in
a Complete One
Box Solution

The fire rated, concealed electric strike solution for mortise locksets.

The HES 8500 Series Electric Strike 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 HES 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 HES 8500 to exceed Grade 1 ratings. This unique electric strike complies with NFPA 80-07 guidelines for retrofit into fire rated frames. The HES 8500 accommodates mortise latchbolts up to 3/4" throw.

Features

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 1 million cycles
- Field selectable fail safe/fail secure
- Non-handed
- Metal frame
- Internally mounted solenoid
- Accommodates 3/4" [19mm] mortise latchbolts
- Strike body depth 1-5/16" [33.3mm]
- Plug-in connector
- Full pocket shims for horizontal adjustment
- SecuriCare five-year, no-fault, no questions asked warranty (Addition of HES SMART Pac[®] III extends the warranty to 10 years)

Optional Features

- **LBM** Latchbolt monitor
- **LBSM** Latchbolt strike monitor
- 4 faceplate option kits to work with most mortise locksets (sold separately)

Accessories

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



Grade 1



SecuriCare
Warranty



Mortise Locks
without
Deadbolt



Field Selectable
(Fail secure
/Fail safe)



Dual Voltage
12/24



PoE
Friendly



Fire Rated



Outdoor
Rated



Burglary
Rated