



2012 Catalog

HES Electric Strikes & Accessories

ASSA ABLOY, the global leader
in door opening solutions

*“durable,
high-
quality
electric
strikes”*

Our History. For more than 35 years, Hanchett Entry Systems, Inc.® (HES) has been first to market with cutting edge solutions like the 8500 concealed electric strike for mortise locksets, the versatile 1006 Series, and the surface-mounted, windstorm-rated 9600.

Headquartered in Phoenix, Arizona, HES is a leading manufacturer of electric strikes and locking devices for the access control industry. We are committed to providing electromechanical locking solutions and support that create safety, security and peace of mind for our customers.

An Industry Leader. Backed by the strength of ASSA ABLOY, the global leader in door opening solutions, HES continues to grow, leading the industry in quality, service and innovation. Our new, eco-friendly, LEED Silver designed building features improved energy efficiency, air quality and sustainability.

HES currently markets quality HES electric strikes and accessories and extra-heavy duty, commercial grade Folger Adam Electric Door Controls® products.

Our Customers Come First. Above all else, HES believes in meeting the needs of our customers with products that solve their specific needs. We continually evaluate the way we do business to assure this goal is being met. Our success has been built on listening to you—and delivering products and services that help advance your business. We value long-term relationships with our suppliers and sales partners, seeking out groups that command respect in their local markets and operate with the highest level of professionalism.

On behalf of our entire team, thank you for using HES products.

Customer Service

Do you have a question concerning HES, but don't know who to contact? We're here to help, and you can contact us in the following ways:

- Talk to us. Call us at 800.626.7590 to talk to a Customer Service representative from 7:30 AM to 4 PM Mountain Standard Time.
- Email us at customercare@assaabloyems.com.
- Visit www.hesinnovations.com to learn more about HES products and services.
- Visit www.hesinnovaciones.com to review product information in Spanish.

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Electro-Mechanical & Accessories

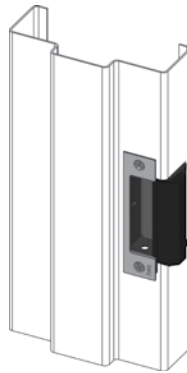
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shown with J option



The **strongest**, **most versatile** electric strike available

Specifications

- UL 10 fire-rated, 3 hour single door (fail secure only)
- UL 10C fire-rated, I-1/2 hour double door (fail secure only)
- CAN4-S104(ULC-S104) fire door conformant
- ANSI A250.13-2003 windstorm listed
- UL 1034, burglary-resistant listed
- ANSI/BHMA A156.31, Grade 1
- NFPA-252 fire door conformant
- ASTM-E152 fire door conformant

- MEA New York City accepted
- Florida Building Code approved
- Patented design

Frame Application

- Metal
- Wood

Electrical

- .45 Amps @ 12VDC continuous duty
- .25 Amps @ 24VDC continuous duty



CYLINDRICAL LOCKSETS



MORTISE LOCKS
WITHOUT DEADBOLTS

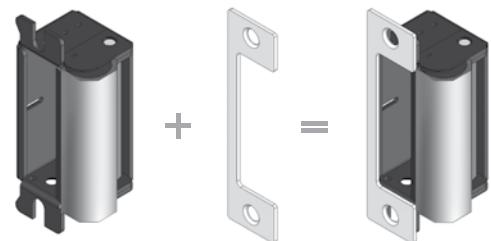


MORTISE LOCKS
WITH DEADBOLTS



SPECIALTY
LOCKSETS

The 1006 series is the strongest and most versatile electric strike available. It meets or exceeds every standard developed for electric strikes. With 27 faceplate options, the 1006 can accommodate virtually every type of lockset on the market. The 1006 features a sleek keeper and a 100% stainless steel cast case. Tested to exceed 3,000 lbs. of static strength, 350 ft. lbs. of dynamic strength and factory tested to exceed 1,000,000 cycles of operation, the 1006 is in a class of its own.



shown with N option

We offer several types of faceplate options to accommodate your application. Faceplate options sold separately (see pages 6-11).

Standard Features

- Stainless steel construction
- Tamper resistant
- Static strength 3,070 lbs. (fail secure)
- Dynamic strength 350 ft-lbs. (fail secure)
- Endurance 1,000,000 cycles
- Fail secure (standard)
- Dual voltage 12VDC or 24VDC continuous duty
- Non-handed
- Internally mounted solenoid
- Accommodates up to 1" deadbolt
- Plug-in connector
- Full keeper shims for horizontal adjustment
- Trim enhancer
- Five-year limited warranty

Optional Features

- Fail Safe
- LBM - Latchbolt monitor
- LBSM - Latchbolt strike monitor
- 27 interchangeable faceplate options

Monitor Switches may not work with all faceplate options (see pages 6-11)

Accessories

- 1000-102** - Rain guard
- 1006-103** - Full keeper shims
- 1000-104** - Lip extension trim adapter
- 1006-105** - Trim enhancer BLK (goof plate)
- 1006-109** - Trim adapter
- 1000-110** - Replacement strike plate
- 1000-130** - KD filler plate
- 150** - Strike latch guard
- 154-MTK** - Metal template kit
- 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
- BLK** - Black

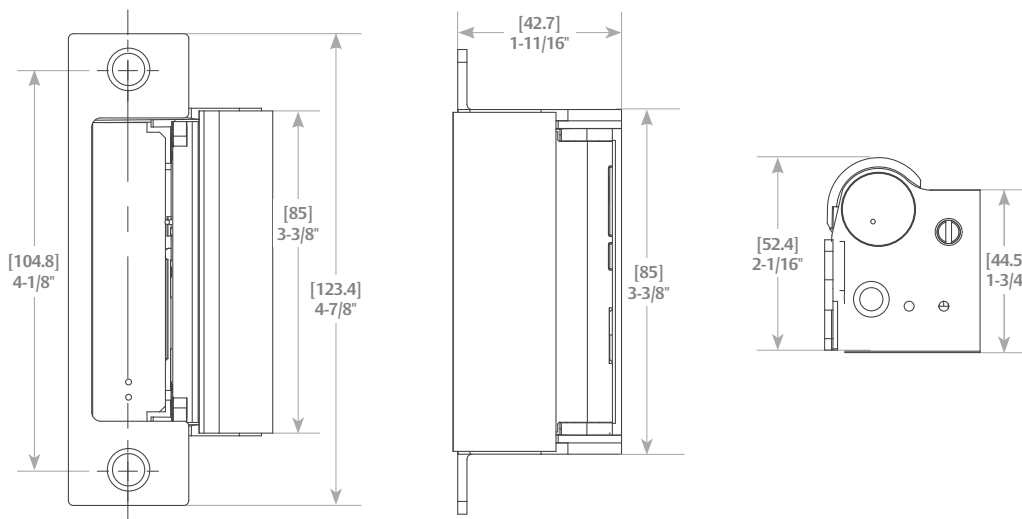


diagram shown with N option



ANSI A250.13-2003
WINDSTORM RESISTANT



FIRE RATED



UL 1034
BURGLARY LISTED



FIELD SELECTABLE
(12 OR 24VDC)



GRADE 1



1006 Series Faceplate Options



Operation: After releasing the latchbolt, the keeper returns to the locked position.

type of lock released



4 7/8" x 1 1/4"

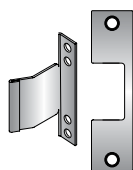
J Option

For use with: Cylindrical locksets up to 3/4" throw and all locksets with center-lined bolts.

» ANSI/BHMA Numbers: #E09321, #E09322, #E09323



Operation: After releasing the latchbolt or deadbolt, the keeper is held open and recaptures the bolt when the door is closed. Not LBM/LBSM compatible.



4 7/8" x 1 1/4"

E Option

For use with: Corbin/Russwin Security Bolt, Weiserbolt, and normally extended 1" tubular deadbolts.

» ANSI/BHMA Numbers: #E09391, #E09392, #E09393



Operation: After releasing the latchbolt, the keeper returns to the locked position.



4 7/8" x 1 1/4"

K Option

For use with: Mortise locksets with a deadlatch positioned **above** the latchbolt.

Compatible locksets: Baldwin, Marks, PDQ, Others

» ANSI/BHMA Numbers: #E09321, #E09322, #E09323



4 7/8" x 1 1/4"

KD Option

For use with: Mortise locksets with a deadlatch positioned **above** the latchbolt.

Compatible locksets: Dorma 9500, Jackson, Sargent (7700 & 8100), Schlage, Yale (8700)

» ANSI/BHMA Numbers: #E09321, #E09322, #E09323



4 7/8" x 1 1/4"

KM Option

For use with: Mortise locksets with a deadlatch positioned **below** the latchbolt.

Compatible locksets: Accurate, Arrow, Best*, Corbin/Russwin, Falcon (1992 M Series), Sargent (7800, 8200 & 9200 series), Yale (8800)

*For Best 45H & 47H deadlatch below, and Best 34H - 37H deadlatch above.

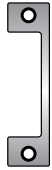
» ANSI/BHMA Numbers: #E09321, #E09322, #E09323





Operation: The deadbolt is retracted during traffic hours. The latchbolt is released by the keeper. The keeper returns to the locked position. If the deadbolt is extended, the keeper will not recapture it.

type of lock released



4 7/8" x 1 1/4"

N Option

For use with: Mortise locksets with a deadbolt used for night-latch function only.

Compatible locksets: Accurate, Baldwin, Marks, Omnia, PDQ, Schlage, Others

» ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333



4 7/8" x 1 1/4"

ND Option

For use with: Mortise locksets with a deadbolt used for night-latch function only.

Compatible locksets: Sargent (7700 & 8100 series), Yale (8700)

» ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333



4 7/8" x 1 1/4"

NM Option

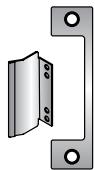
For use with: Mortise locksets with a deadlatch positioned **below** the latchbolt, where a deadbolt is used for night-latch function only.

Compatible locksets: Arrow, Best (45H & 47H and 34H-37H), Corbin/Russwin, Falcon, Sargent (7800, 8200 & 9200 series)

» ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333



Operation: Latchbolt and deadbolt are released by a single keeper. The keeper is held open to recapture the latchbolt and the deadbolt when the door is closed. Not LBM/LBSM compatible.



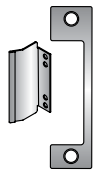
4 7/8" x 1 1/4"

A Option

For use with: Mortise locksets with a normally extended 1" deadbolt without a deadlatch.

Compatible locksets: Baldwin, Marks, Omnia, PDQ, Schlage, Others

» ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333



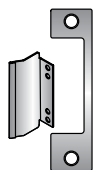
4 7/8" x 1 1/4"

AD Option

For use with: Mortise locksets with a normally extended 1" deadbolt without a deadlatch.

Compatible locksets: Sargent (7700 & 8100 series), Yale (8700)

» ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333



4 7/8" x 1 1/4"

AM Option

For use with: Mortise locksets with a normally extended 1" deadbolt and a deadlatch positioned **below** the latchbolt.

Compatible locksets: Accurate, Arrow, Best (45H & 47H and 34H-37H), Corbin/Russwin, Falcon, Sargent (7800, 8200, & 9200 series), Yale (8800)

» ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333

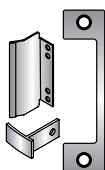


1006 Series Faceplate Options



Operation: Latchbolt and deadbolt are released by a single keeper. The keeper is held open to recapture the latchbolt and deadbolt, and the deadlatch is engaged when the door is closed. Not LBM/LBSM compatible.

type of lock released



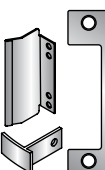
4 7/8" x 1 1/4"

T Option

For use with: Mortise locksets with a normally extended 1" deadbolt and a center-lined deadlatch.

Compatible locksets: Accurate, Arrow, Baldwin, Marks, Omnia, PDQ, Schlage, Others

» ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333



4 7/8" x 1 1/4"

TD Option

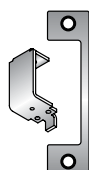
For use with: Mortise locksets with a normally extended 1" deadbolt and a center-lined deadlatch.

Compatible locksets: Sargent (7700 & 8100 series), Yale (8700)

» ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333



Operation: Lockout feature - the electric strike will not release when the deadbolt is extended. The deadbolt retracts during traffic hours. The keeper releases the latchbolt. The keeper returns to the locked position. Not LBM/LBSM compatible.



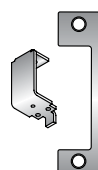
4 7/8" x 1 1/4"

H Option

For use with: Mortise locksets with a 1" deadbolt without a deadlatch. Strike will not release when deadbolt is extended.

Compatible locksets: Baldwin, Marks, Omnia, PDQ, Others

» ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333



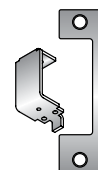
4 7/8" x 1 1/4"

HD Option

For use with: Mortise locksets with a 1" deadbolt without a deadlatch. Strike will not release when deadbolt is extended.

Compatible locksets: Sargent (7700 & 8100 series), Yale (8700)

» ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333



4 7/8" x 1 1/4"

HM Option

For use with: Mortise locksets with a 1" deadbolt with a deadlatch positioned **below** the latchbolt. Strike will not release when deadbolt is extended.

Compatible locksets: Accurate, Arrow, Best (45H & 47H and 34H-37H), Corbin/Russwin, Falcon, Sargent (7800, 8200, & 9200 series), Yale (8800)

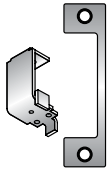
» ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333





Operation: Lockout feature - the electric strike will not release when the deadbolt is extended. The deadbolt is retracted during traffic hours. The latchbolt is released by the keeper. The keeper returns to the locked position. Note: For the ASSA model 504, the top latchbolt is released by the keeper. The keeper returns to the locked position. Not LBM/LBSM compatible.

type of lock released



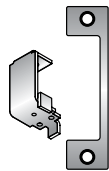
4 7/8" x 1 1/4"

HT Option

For use with: ASSA model 504 mortise lockset with two latchbolts and a center deadlatch. Deadlatch or mortise locksets with a 1" deadbolt and a center-lined deadlatch. Strike will not release when deadbolt is extended.

Compatible locksets: ASSA

» ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333



4 7/8" x 1 1/4"

HTD Option

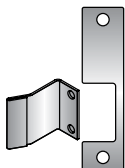
For use with: Mortise locksets with a 1" deadbolt and a center-lined deadlatch. Strike will not release when deadbolt is extended.

Compatible locksets: Sargent (7700 & 8100 series), Yale (8700)

» ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333



Operation: The hookbolt is released by the keeper. The keeper is held open to recapture the hookbolt when the door is closed. Not LBM/LBSM compatible.



4 7/8" x 1 1/4"

R Option

For use with: A hookbolt up to 1" throw.

Compatible locksets: Adams Rite, Others

» ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333



Operation: After releasing the latchbolt, the keeper returns to the locked position.



4 7/8" x 1 1/4"

Z Option

For use with: Unit and mono locks.

Compatible locksets: Unican, Sargent, Corbin-Russwin

» ANSI/BHMA Numbers: #E09321, #E09322, #E09323

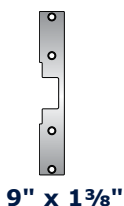


1006 Series Faceplate Options



Operation: After releasing the latchbolt, the keeper returns to the locked position.

type of lock released



9" x 1 3/8"

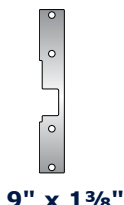
J-2 Option

For use with: Cylindrical locksets with up to a 3/4" throw, in wood frame applications.

» ANSI/BHMA Numbers: #E09321, #E09322, #E09323



Operation: After releasing the latchbolt, the keeper returns to the locked position.



9" x 1 3/8"

K-2 Option

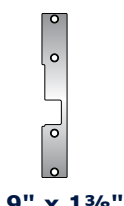
For use with: Mortise locksets with a deadlatch positioned **above** the latchbolt, in wood frame applications.

Compatible locksets: Baldwin, Marks, PDQ, Others

» ANSI/BHMA Numbers: #E09321, #E09322, #E09323



Operation: After releasing the latchbolt, the keeper returns to the locked position.



9" x 1 3/8"

KM-2 Option

For use with: Mortise locksets with a deadlatch positioned **below** the latchbolt, in wood frame applications.

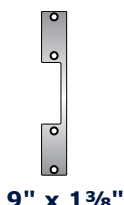
Compatible locksets: Accurate, Arrow, Best*, Corbin/Russwin, Falcon (1992 M Series), Sargent (7800, 8200 & 9200 series), Yale (8800)

*For Best 45H & 47H deadlatch below, and Best 34H - 37H deadlatch above.

» ANSI/BHMA Numbers: #E09321, #E09322, #E09323



Operation: The deadbolt is retracted during traffic hours. The latchbolt is released by the keeper. The keeper returns to the locked position. If the deadbolt is extended the keeper will not recapture it.



9" x 1 3/8"

N-2 Option

For use with: Mortise locksets where the deadbolt is used for night-latch function only, in wood frame applications.

Compatible locksets: Accurate, Arrow, Baldwin, Marks, Omnia, PDQ, Schlage, Yale (8700), Others

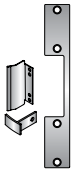
» ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333





Operation: Latchbolt and deadbolt are released by a single keeper. The keeper is held open to recapture the latchbolt and deadbolt, and the deadlatch is engaged when the door is closed. Not LBM/LBSM compatible.

type of lock released



9" x 1³/₈"

T-2 Option

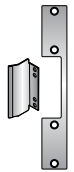
For use with: Mortise locksets with a normally extended 1" deadbolt and a center-lined deadlatch, in wood frame applications.

Compatible locksets: Accurate, Arrow, Baldwin, Marks, Omnia, PDQ, Schlage, Yale (8700), Others

» ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333



Operation: Latchbolt and deadbolt are released by a single keeper. The keeper is held open to recapture the latchbolt and deadbolt. Not LBM/LBSM compatible.



9" x 1³/₈"

A-2 Option

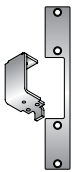
For use with: Mortise locksets with a normally extended 1" deadbolt without a deadlatch, in wood frame applications.

Compatible locksets: Accurate, Baldwin, Marks, Omnia, PDQ, Schlage, Yale, Others

» ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333



Operation: Lockout feature- the electric strike will not release when deadbolt is extended. The deadbolt is retracted during traffic hours. The latchbolt is released by the keeper. The keeper returns to the locked position. Not LBM/LBSM compatible.



9" x 1³/₈"

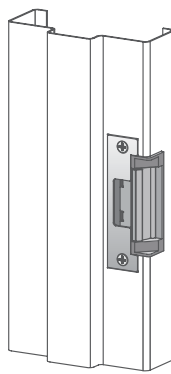
H-2 Option

For use with: Mortise locksets with a 1" deadbolt without a deadlatch, in wood frame applications. Strike will not release when deadbolt is extended.

Compatible locksets: Accurate, Arrow, Baldwin, Marks, Omnia, PDQ, Yale (8700)

» ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333





Specially designed to accommodate 2" fire-rated frames with 1/2" drywall penetration

The low profile, heavy duty, fire-rated solution

Specifications

- UL 10C fire rated, 3 hour (fail secure only)
- CAN4-S104 (ULC-S104) fire door conformant
- WHI fire door listed
- UL 1034 burglary resistant listed
- ANSI/BHMA A156.31, Grade 1 (#E09321, #E09322, #E09323)
- NFPA-252 fire door conformant
- ASTM-E152 fire door conformant
- California Fire Marshall listed
- Patented design

Frame Application

- Metal
- Wood

Electrical

- .24 Amps @ 12 VDC/VAC
- .12 Amps @ 24VDC/VAC
- DC Continuous duty/AC intermittent duty only

NOTE: Relocation of the strike prep may be required for Schlage L Series and Yale 8700 mortise locks.

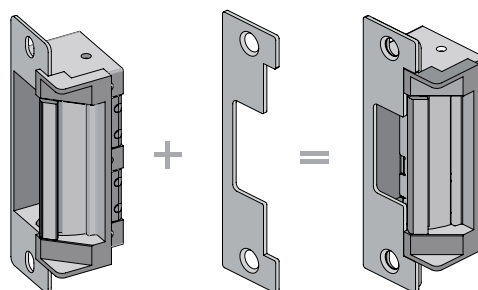
The 4500 series is the first electric strike designed for installation in 2" UL 10C fire-rated frames with 1/2" drywall penetration. The 4500 electric strike features a low profile 1-3/8" depth, heavy-duty cast stainless steel construction and two faceplates designed to accommodate a variety of locksets for simple installation. Its strength is derived from a unique keeper pin locking design, enabling the 4500 to exceed the ratings of the frame, door and locking hardware. Designed for use with cylindrical and mortise locksets up to a 3/4" throw.



CYLINDRICAL LOCKSETS



MORTISE LOCKS WITHOUT DEADBOLTS



Standard Features

- Stainless steel construction
- Tamper resistant
- Static strength 3,000 lbs.
- Dynamic strength 100 ft-lbs.
- Endurance 1,000,000 cycles
- Field selectable fail safe / fail secure
- Dual voltage 12 or 24 VAC/VDC
- Two faceplates provided to accommodate a variety of locksets
- Non-handed
- Internally mounted solenoid
- Accommodates up to a ¾" latchbolt
- Strike body depth 1-3/8"
- Plug-in connector
- Trim enhancer
- Full keeper shims for horizontal adjustment
- Five-year limited warranty



Optional Features

- LBM - Latchbolt monitor
- LBSM - Latchbolt strike monitor

Accessories

- 4500-105** - Trim enhancer - black
- 4500-110** - Replacement strike plate
- 4500-131** - Filler block - 7/16"
- 150** - Strike latch guard
- 154-MTK** - Metal template kit
- 2001M** - Plug-in bridge rectifier
- 2004M** - ElectroLynx® adapter
- 2005M3** - SMART Pac III™
- 2006M** - Plug-in buzzer
- 4501-1/2** - 1/2" stackable lip extension
- 4501-1** - 1" stackable lip extension

Finishes

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



FIRE RATED



UL 1034
BURGLARY LISTED



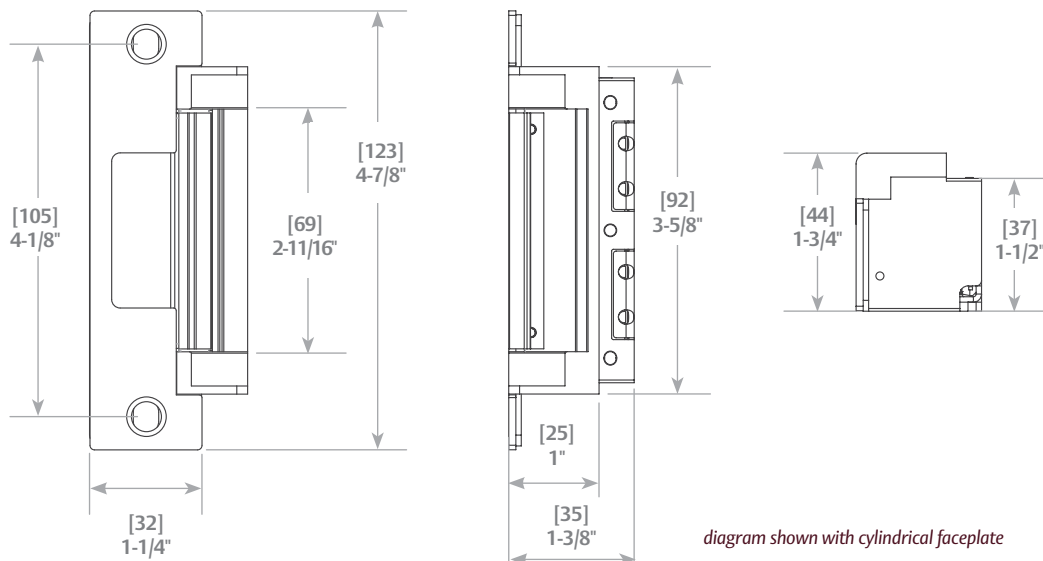
FIELD SELECTABLE
(FAIL SECURE / FAIL SAFE)



FIELD SELECTABLE
(12 OR 24VDC)



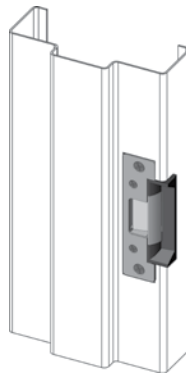
GRADE 1



hes
ASSA ABLOY



shown with 501 option



The 5000 series is a compact, high performance electric strike designed for low profile openings where there is limited space behind the jamb. The field selectable fail secure / fail safe unit is easy to install and accommodates 1/2" to 5/8" latchbolts.

The **grade 1**, **low profile** solution for **cylindrical** locksets

Specifications

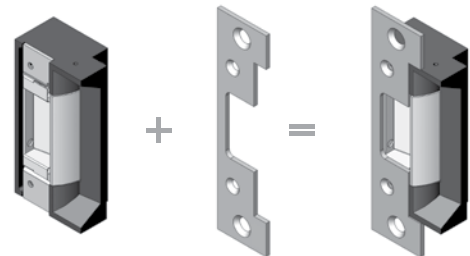
- UL 1034, burglary-resistant listed
- ANSI/BHMA A156.31, Grade 1
- MEA New York City accepted
- Patented design

Frame Application

- Metal
- Wood

Electrical

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



We offer several types of faceplate options to accommodate your application. Faceplate options sold separately (see pages 18-19).



CYLINDRICAL
LOCKSETS



SPECIALTY
LOCKSETS

Standard Features

- Tamper resistant
- Static strength 1,500 lbs.
- Dynamic strength 70 ft-lbs.
- Endurance 500,000 cycles
- Field selectable fail secure/ fail safe
- Dual voltage 12 or 24 VDC/VAC
- Non-handed
- Internally mounted solenoid
- Accommodates 1/2" - 5/8" latchbolt (5/8" with 1/8" door gap)
- Strike body depth 1-1/16"
- Plug-in connector
- Trim enhancer included
- Five-year limited warranty

Optional Features

- LBM - Latchbolt monitor



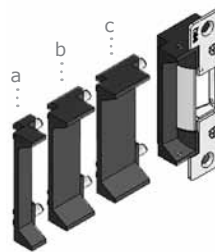
Accessories

- 150** - Strike latch guard
- 154-MTK** - Metal template kit
- 2001M** - Plug-in bridge rectifier
- 2004M** - ElectroLynx® adapter
- 2005M3** - SMART Pac III™
- 2006M** - Plug-in buzzer
- 5104-1/2** - 1/2" stackable lip extension
- 5104-1** - 1" stackable lip extension
- 5104-1-1/4** - 1-1/4" stackable lip extension
- 5104-3** - 3" stackable lip extension

Faceplate Finishes

- 630** - Satin stainless steel
- 605** - Bright brass
- 606** - Satin brass
- 612** - Satin bronze
- 613** - Bronze toned
- 629** - Bright stainless steel
- BLK** - Black

"press fit" stackable lip extensions



a: 5104-1/2: 1/2" stackable lip extension

b: 5104-1: 1" stackable lip extension

c: 5104-1-1/4: 1-1/4" stackable lip extension

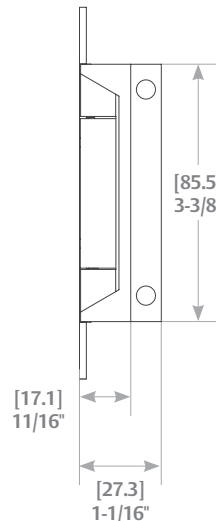
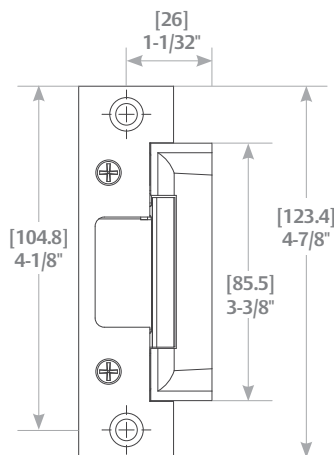
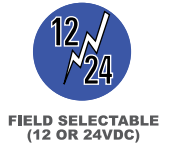
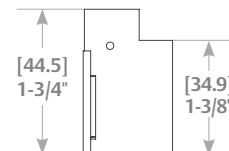
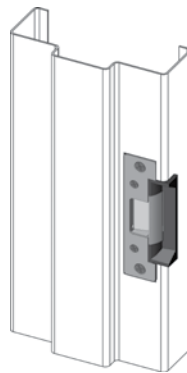


diagram shown with 501 option





*shown with 501A option
and LBM monitor*



The **grade 1** solution with **horizontal** **adjustability**

Specifications

- UL 1034, burglary-resistant listed
- ANSI/BHMA A156.31, Grade 1
- Patented design

Frame Application

- Metal
- Wood

Electrical

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

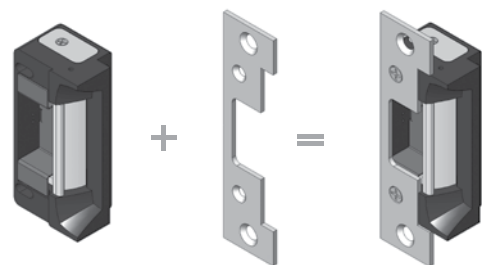
Designed with the installer in mind, the 5200 series raises the standard in adaptability for electric strikes. Its innovative approach to in-frame horizontal adjustability makes the 5200 electric strike the perfect fit for multiple applications. The field selectable fail secure / fail safe unit is easy to install and accommodates 5/8" to 3/4" latchbolts.



CYLINDRICAL
LOCKSETS



SPECIALTY
LOCKSETS



We offer several types of faceplate options to accommodate your application. Faceplate options sold separately (see pages 18-19).

Standard Features

- Tamper resistant
- Static strength 1,500 lbs.
- Dynamic strength 70 ft-lbs.
- Endurance 500,000 cycles
- Field selectable fail secure/ fail safe
- Dual voltage 12 or 24 VDC/VAC
- In-frame horizontal adjustment
- Non-handed
- Internally mounted solenoid
- Accommodates 5/8" - 3/4" latchbolt (3/4" with 1/8" door gap)
- Strike body depth 1-3/16"
- Plug-in connector
- Trim enhancer included
- Five-year limited warranty

Optional Features

- LBM - Latchbolt monitor
- LBSM - Latchbolt strike monitor



Accessories

5200-500 - Filler block for retro-fit applications

150 - Strike latch guard

154-MTK - Metal template kit

2001M - Plug-in bridge rectifier

2004M - ElectroLynx® adapter

2005M3 - SMART Pac III™

2006M - Plug-in buzzer

5204-1/2 - 1/2" stackable lip extension

5204-1 - 1" stackable lip extension

5204-1-1/4 - 1-1/4" stackable lip extension

Faceplate Finishes

630 - Satin stainless steel

605 - Bright brass

606 - Satin brass

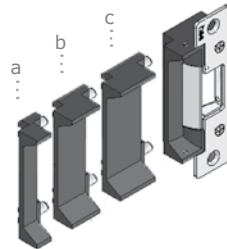
612 - Satin bronze

613 - Bronze toned

629 - Bright stainless steel

BLK - Black finish

"press fit" stackable lip extensions



a: 5204-1/2: 1/2" stackable lip extension

b: 5204-1: 1" stackable lip extension

c: 5204-1-1/4: 1-1/4" stackable lip extension

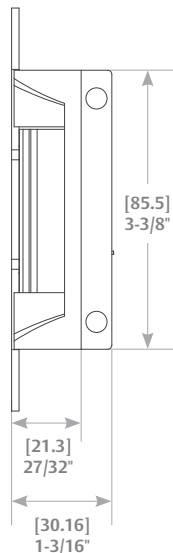
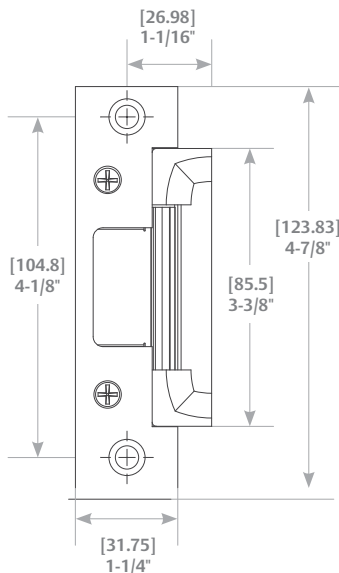


diagram shown with 501 option



UL 1034
BURGLARY LISTED



FIELD SELECTABLE
(FAIL SECURE / FAIL SAFE)



FIELD SELECTABLE
(12 OR 24VDC)



GRADE 1

hes
ASSA ABLOY

5000/5200 Series Faceplate Options



SPECIALTY
LOCKSETS



Operation: After releasing the latchbolt, the keeper returns to the locked position.

type of lock released



4⁷/₈" x 1¹/₄"

square corners
& flat faceplate

501 Option

For use with: Cylindrical locksets in ANSI metal jambs.

» ANSI/BHMA Numbers: #E09321, #E09322, #E09323



4⁷/₈" x 1¹/₄"

radius corners
& flat faceplate

501A Option

For use with: Cylindrical locksets. Includes universal mounting tabs. Aluminum frames.

» ANSI/BHMA Numbers: #E09321, #E09322, #E09323



7¹⁵/₁₆" x 1⁷/₁₆"

radius corners
& flat faceplate

502 Option

For use with: Cylindrical locksets. Includes universal mounting tabs. Aluminum frames.

» ANSI/BHMA Numbers: #E09321, #E09322, #E09323



6⁷/₈" x 1¹/₄"

radius corners
& flat faceplate

503 Option

For use with: Cylindrical locksets. Includes universal mounting tabs.

» ANSI/BHMA Numbers: #E09321, #E09322, #E09323



10" x 1³/₈"

radius corners
& flat faceplate

504 Option

For use with: Cylindrical locksets. Four-point mounting for wood installations.

» ANSI/BHMA Numbers: #E09321, #E09322, #E09323



A photograph of an open electrical control panel. Inside, there are two large circuit boards with many components, a power supply unit, and various wires connected. The panel is white and the background is yellow.

**Real access control begins here.
Not at the door.**



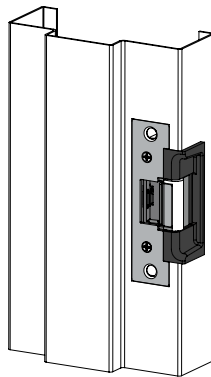
SECURITRON ACCUPOWER™ DELIVERS CLEAN POWER TO ACCESS CONTROL DEVICES FOR BETTER PERFORMANCE.

When it comes to access control, systems are only as effective as the power that supports them. By better regulating and filtering output, AccuPower™ delivers clean, accurate and steady power to access control devices so they perform perfectly every time.

GO TO SECURITRON.COM OR CALL 800.624.5625 FOR MORE DETAILS.



shown with 791 option



The **pre-load** solution for **high traffic** openings

Specifications

- UL 1034, burglary-resistant listed
- ANSI BHMA A156.31, Grade 1 (791 and 792 options)
- ANSI/BHMA A156.31, Grade 2 (783S, 786S, and 789S options)
- MEA New York City accepted
- Patented design

Frame Application

- Metal
- Wood

Electrical

- .45 Amps @ 12VDC continuous duty
- .25 Amps @ 24VDC continuous duty

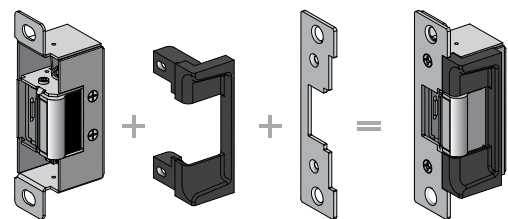
The 7000 series features hardened stainless steel locking cams and a modular design to work with both cylindrical and rim exit locksets. The 7000 series will accommodate latchbolts from 5/8" to 3/4" throw. With improved pre-load handling and heavy-duty construction, the 7000 series electric strike is ideal for high usage applications.



CYLINDRICAL LOCKSETS



RIM EXIT DEVICES



We offer several types of faceplate options to accommodate your application. Faceplate options sold separately (see page 22).

Standard Features

- Stainless steel construction
- Tamper resistant
- Static strength 1,500 lbs. (791 and 792 options)
- Dynamic strength 70 ft-lbs. (791 and 792 options)
- Static strength 1,000 lbs. (783S, 786S, and 789S options)
- Dynamic strength 50 ft-lbs. (783S, 786S, and 789S options)
- Endurance 500,000 cycles
- Field selectable fail secure/fail safe
- Accommodates pre-load (fail secure only)
- Horizontal adjustment
- Non-handed
- Internally mounted solenoid
- Strike body depth 1-11/16"
- Plug-in connector
- Trim enhancer (791 and 792 options)
- Pocket adapter (786S and 789S options)
- Three-year limited warranty

Optional Features

- LBM - Latchbolt monitor

Accessories

- SMB** - Surface mounting box (783S and 789S options)
- 7000-104** - Lip extension trim adapter
- 7000-105** - Trim enhancer (goof plate)
- 7000-106** - Keeper pocket adapter
- 7000-107** - Full keeper shim pack
- 7000-108** - 1/8" spacer plate (783S and 789S options, black finish only)
- 7000-110** - Replacement strike plate (791 and 792 option)
- 150** - Strike latch guard
- 154-MTK** - Metal template kit
- 2001M** - Plug-in bridge rectifier
- 2004M** - ElectroLynx® adapter
- 2005M3** - SMART Pac III™
- 2006M** - Plug-in buzzer

Faceplate Finishes (791 and 792 options only)

630 - Satin stainless steel

605 - Bright brass

606 - Satin brass

612 - Satin bronze

613C - Brown nylon powder coated

629 - Bright stainless steel

BLK - Black

Faceplate Finishes (783S, 786S, and 789S options)

613C - Brown nylon powder coated

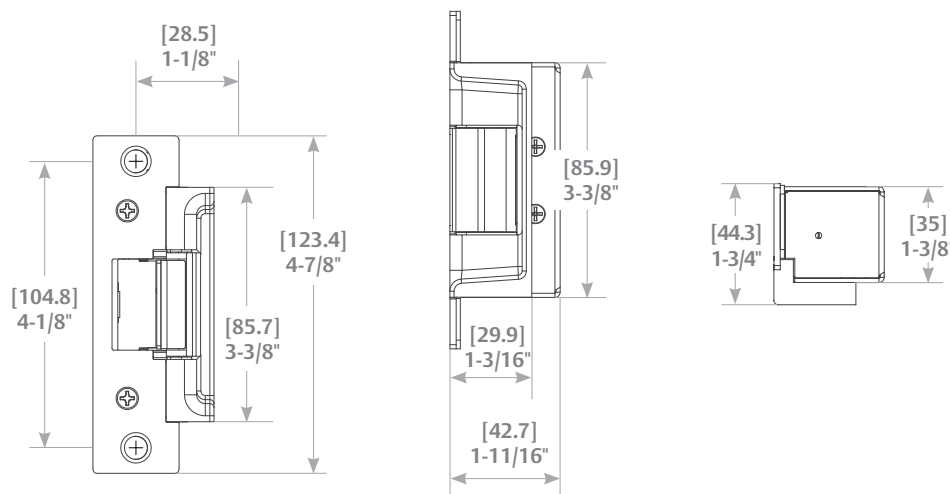
626 - Brushed chrome



UL 1034
BURGLARY LISTED



FIELD SELECTABLE
(FAIL SECURE / FAIL SAFE)



7000 Series Faceplate Options



Operation: After releasing the latchbolt, the keeper returns to the locked position.

type of lock released



4⁷/₈" x 1¹/₄"

791 Option

For use with: Cylindrical locksets up to 5/8" throw.

» ANSI/BHMA Numbers: #E09322, #E09323



7¹⁵/₁₆" x 1⁷/₁₆"

792 Option

For use with: Cylindrical locksets up to 5/8" throw.

» ANSI/BHMA Numbers: #E09322, #E09323



Operation: After releasing pullman latch, the keeper returns to the locked position.



9" x 1³/₄" x 1¹/₁₆"

783S Option

For use with: Rim exit devices in metal jambs with up to a 3/4" pullman latch.

Compatible locksets: American Device, Arrow, Dor-O-Matic, Monarch, Precision, Sargent, Von Duprin, Yale

» ANSI/BHMA Numbers: #E09312, #E09313



6¹/₂" x 1³/₄" x 1/2"

786S Option

For use with: Rim exit devices in aluminum jambs and surface mounted vertical rod exit devices with up to a 3/4" pullman latch.

Compatible locksets: American Device, Arrow, Dor-O-Matic, Jackson, Monarch, Precision, Sargent, Von Duprin, Yale

» ANSI/BHMA Numbers: #E09312, #E09313



9" x 1³/₄" x 1/2"

789S Option

For use with: Rim exit devices in aluminum jambs with up to a 3/4" pullman latch. Includes keeper pocket adapter.

Compatible locksets: American Device, Arrow, Dor-O-Matic, Jackson, Monarch, Precision, Sargent, Von Duprin, Yale

» ANSI/BHMA Numbers: #E09312, #E09313



Improve the efficiency of your HES product

The SMART Pac III™ in-line power controller is specially designed to protect an electric strike from excessive voltage and power surges that can damage the strike. The SMART Pac III™ provides the pre-set voltage, either 12 or 24 VDC, for two seconds to actuate the electric strike, and then reduces the output voltage by 25% to prevent overheating, thus extending the life of the electric strike.

The SMART Pac III™ has a built-in selector switch for 12 or 24 VDC output. It also includes a self-resetting fuse that protects the controller as well as electric strike, and an MOV to protect the access control

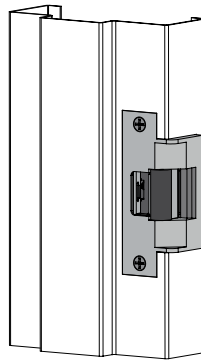
system from potential power surges. The new SMART Pac III™ has a smaller 3/4" diameter and supports both fail safe and fail secure electric strikes without additional wiring. To assist the installer, the SMART Pac III™ is equipped with Smart LEDs that show the voltage input status, acting like a simple volt meter.

Installing a SMART Pac III™ power controller with any new HES or Folger Adam product extends the 1 year warranty on electrical components, including the SMART Pac III™, to the full 3-5 year warranty term applicable to each Series mechanical component, as outlined in our standard terms and conditions.





model 7501 shown



The **grade 1, fire-rated pre-load** solution

Specifications

- UL 10C fire-rated, 3 hour (fail secure only)
- CAN4-S104 (ULC-S104) fire door conformant
- UL 1034, burglary-resistant listed
- ANSI/BHMA A156.31, Grade 1
- NFPA-252 fire door conformant
- ASTM-E152 fire door conformant
- MEA New York City accepted
- Patented design

Frame Application

- Metal
- Wood

Electrical

- .45 Amps @ 12VDC continuous duty
- .25 Amps @ 24VDC continuous duty

The 7500 series electric strike is ideal for fire-rated applications with pre-load conditions caused by a warped or misaligned door, weather stripping, a smoke seal or any other condition that could cause door bind. The solenoid is internally mounted for compactness, making the 7500 series electric strikes easy to install in hollow metal, concrete filled metal and wood jambs.

What is **Preload**?

Simply stated, door preload is pressure exerted on a door, which transfers to the keeper of the electric strike by the latch. A number of conditions can cause door preload including pressure caused by HVAC systems, thick door seals or heavy weatherstripping, misaligned strike and lockset, damaged or bent metal doors or warped wood doors. When pressure is applied to some models of electric strikes, the coil may not mechanically release the strike keeper because the pressure binds it against the latch. Door preload can prevent the smooth unlocking of the electric strike or even disable a strike – preventing a door from being opened.



CYLINDRICAL LOCKSETS

Standard Features

- 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
- Accommodates pre-load (fail secure only)
- Non-handed
- Internally mounted solenoid
- Strike body depth 1-11/16"
- Plug-in connector
- Trim enhancer
- Five-year limited warranty



Optional Features

- LBM - Latchbolt monitor

Accessories

- 150** - Strike latch guard
- 154-MTK** - Metal template kit
- 2001M** - Plug-in bridge rectifier
- 2004M** - ElectroLynx® adapter
- 2005M3** - SMART Pac III™
- 2006M** - Plug-in buzzer

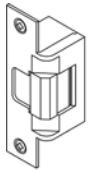
Finishes

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



Operation: After releasing the latchbolt, the keeper returns to the locked position.

type of lock released

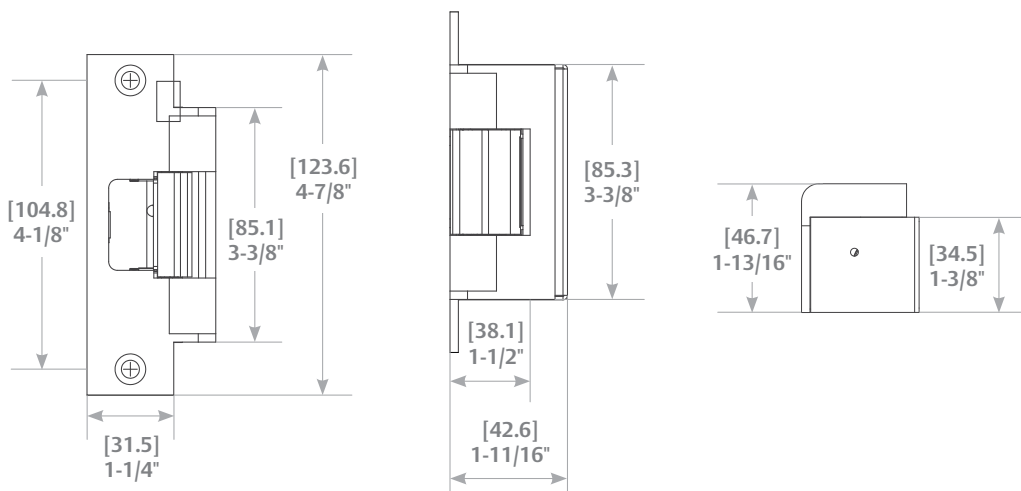


4 7/8" x 1 1/4" x 1 11/16"

7501 Option

For use with: Cylindrical locksets with up to a 3/4" throw.

» ANSI/BHMA Numbers: #E09321, #E09322, #E09323





shown with 801 option



The **concealed** electric strike solution for **cylindrical locksets**

Specifications

- UL 1034, burglary-resistant listed
- ANSI/BHMA A156.31, Grade 1
- Patented design and patent pending

Frame Application

- Metal
- Wood

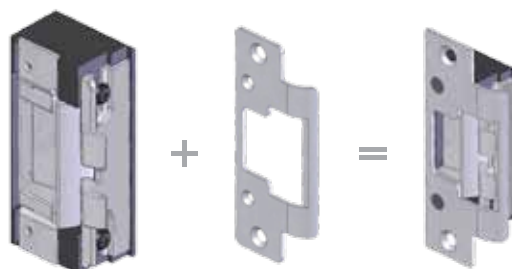
Electrical

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

The 8000 series is a compact, high-performance electric strike featuring a unique concealed design for use with cylindrical locksets. No cutting on the frame is required. Vertical adjustability accommodates door sag and misalignment, for the fastest, easiest electric strike installation.



CYLINDRICAL LOCKSETS



We offer several types of faceplate options to accommodate your application. Faceplate options sold separately (see pages 30-31).

Standard Features

- No cutting on frame required
- Vertical adjustability to accommodate door sag and misalignment
- 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
- Internally mounted solenoid
- Accommodates 1/2" — 5/8" cylindrical latchbolt (5/8" with 1/8" door gap)
- Strike body depth 1-1/16"
- Strike body width 1-7/16" to increase frame compatibility
- Five-year limited warranty



Optional Features

- LBM - Latchbolt monitor

Accessories

2001M - Plug-in bridge rectifier

2004M - ElectroLynx® adapter

2005M3 - SMART Pac III™

2006M - Plug-in buzzer

Faceplate Finishes

630 - Satin stainless

605 - Bright brass

606 - Satin brass

612 - Satin bronze

613 - Bronze toned

629 - Bright stainless steel

BLK - Black



UL 1034
BURGLARY LISTED



FIELD SELECTABLE
(FAIL SECURE / FAIL SAFE)



FIELD SELECTABLE
(12 OR 24VDC)



GRADE 1

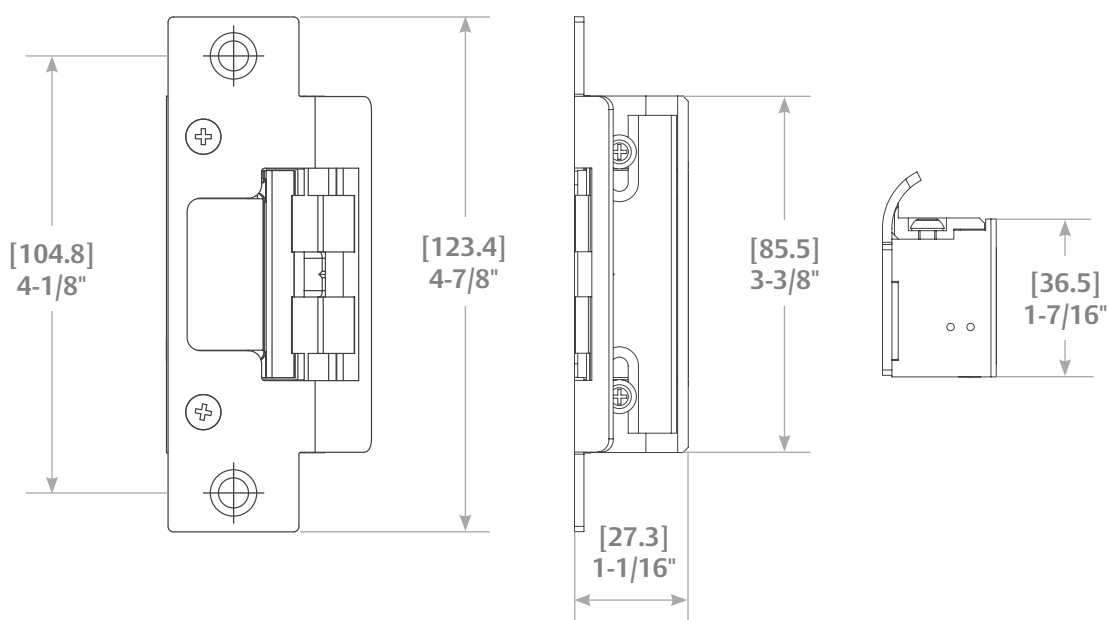


diagram shown with 801 option

hes
ASSA ABLOY



shown with 801 option and LBM



The fire-rated, concealed electric strike solution for cylindrical locksets

Specifications

- UL 10C fire-rated, 3 hour (fail secure only)
- CAN4-S104 (ULC-S104) fire door conformant
- NFPA 80-07 compliant
- UL 1034, burglary-resistant listed
- ANSI/BHMA A156.31, Grade 1
- NFPA-252 fire door conformant
- ASTM-E152 fire door conformant
- Patented design and patent pending

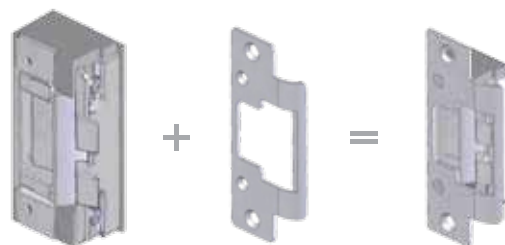
Frame Application

- Metal
- Wood

Electrical

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

The fire-rated, concealed 8300 series is a compact, high-performance product for use with cylindrical locksets. Designed for fast, easy installation, the 8300 fits into a standard 1" ANSI/ BHMA A156.115 dustbox with little or no modification to the frame. Vertical adjustability accommodates door sag and misalignment. Best of all, this unique electric strike complies with NFPA 80-07 guidelines for retrofit into fire-rated frames, so you can save money, save time and save lives.



We offer several types of faceplate options to accommodate your application. Faceplate options sold separately (see pages 30-31).



CYLINDRICAL LOCKSETS

Standard Features

- Falls within the guidelines for retrofit into fire-rated frames
- No cutting on frame required
- Vertical adjustability to accommodate door sag and misalignment
- Tamper resistant
- Static strength 1,500 lbs.
- Dynamic strength 70 ft-lbs.
- Endurance 500,000 cycles
- Field selectable fail safe/fail secure
- Non-handed
- Accommodates 1/2" — 5/8" cylindrical latchbolt (5/8" with 1/8" door gap)
- Strike body depth 1-1/16"
- Plug-in connector
- Five-year limited warranty



Optional Features

- LBM - Latchbolt monitor

Accessories

2001M - Plug-in bridge rectifier

2004M - ElectroLynx® adapter

2005M3 - SMART Pac III™

2006M - Plug-in buzzer

Faceplate Finishes

630 - Satin stainless steel

605 - Bright brass

606 - Satin brass

612 - Satin bronze

613 - Bronze toned

629 - Bright stainless steel

BLK - Black



FIRE RATED



UL 1034
BURGLARY LISTED



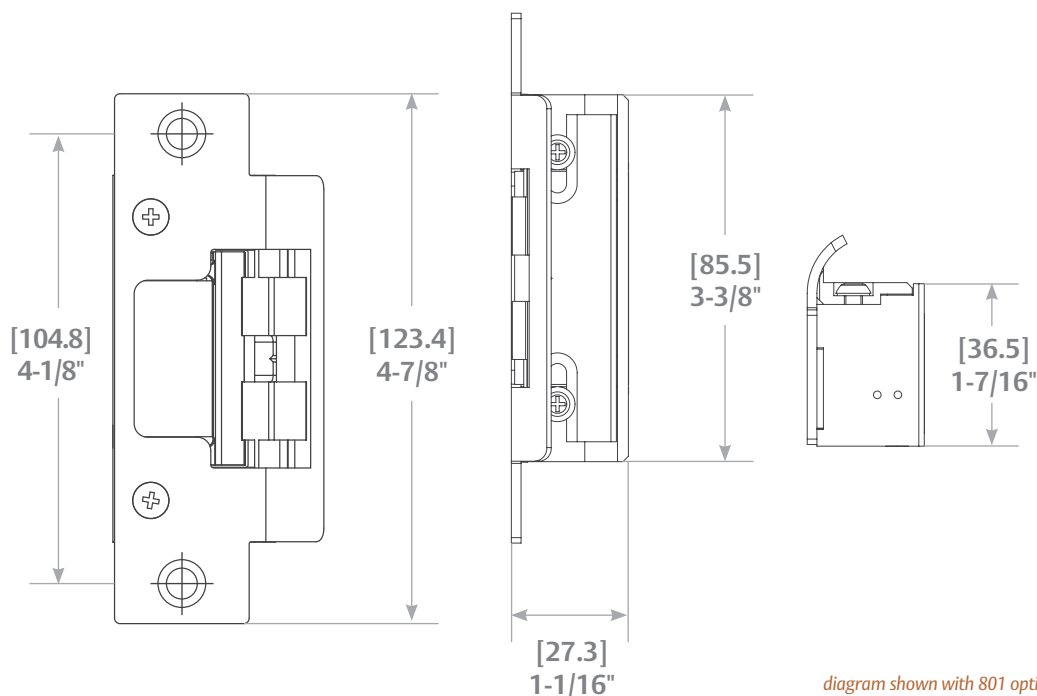
FIELD SELECTABLE
(FAIL SECURE / FAIL SAFE)



FIELD SELECTABLE
(12 OR 24VDC)



GRADE 1



8000/8300 Series Faceplate Options



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

type of lock released



4 7/8" x 1 1/4"

801 Option

For use with: Cylindrical locksets in ANSI metal jambs, with latchbolts up to 5/8" throw.

» ANSI/BHMA Numbers: #E05031, #E09321, #E09322, #E09323



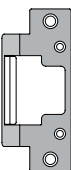
4 7/8" x 1 1/4"

radius corners
& flat faceplate

801A Option

For use with: Cylindrical locksets with latchbolts up to 5/8" throw. Includes universal mounting tabs. Aluminum frames

» ANSI/BHMA Numbers: #E05031, #E09321, #E09322, #E09323



4 7/8" x 1 1/4"

*extended lip

801E Option

For use with: Extended lip for 'knock-down' style frame installations. For use with cylindrical latchbolts up to 5/8" throw.

» ANSI/BHMA Numbers: #E05031, #E09321, #E09322, #E09323



7 15/16" x 1 7/16"

802 Option

For use with: Cylindrical locksets with latchbolts up to 5/8" throw. Includes universal mounting tabs. Aluminum frames.

» ANSI/BHMA Numbers: #E05031, #E09321, #E09322, #E09323



6 7/8" x 1 1/4"

radius corners
& flat faceplate

803 Option 4 7/8" x 1 1/4"

For use with: Cylindrical locksets with latchbolts up to 5/8" throw. Includes universal mounting tabs. Aluminum frames.

» ANSI/BHMA Numbers: #E05031, #E09321, #E09322, #E09323





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

type of lock
released



9" x 1 3/8"

radius corners
& flat faceplate

805 Option

For use with: Cylindrical locksets. For use with latchbolts up to 5/8" throw. Four point mounting for wood installations.

» ANSI/BHMA Numbers: #E05031, #E09321, #E09322, #E09323



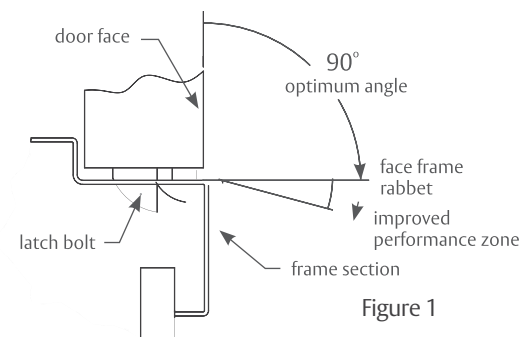
Reduce your install time by evaluating your opening

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

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 8000/8300 is steepened and may need to be corrected as shown at right (Figure 1).

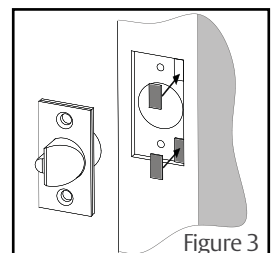
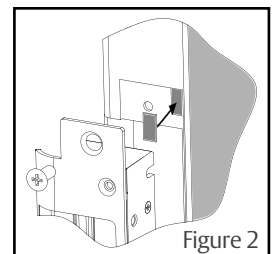
We recommend you check the condition of the latch bolt prior to installing the 8000/8300. Poorly constructed, worn out or damaged latch bolts may not slide along a ramp at any angle. To check the condition of your latch bolt, we recommend applying a slight force to the tip of the latch bolt (about 45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

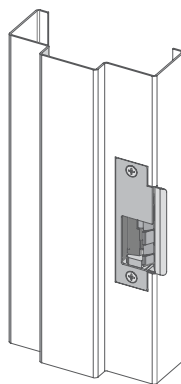


Compensate for frame twist

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 latch bolt 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 under the top and bottom (stop side) of the faceplate (see 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 (see figure 3).





The concealed, low-profile electric strike solution for mortise locksets

Specifications

- UL 10C-fire-rated, 3 hr single-door fire (fail secure only)
- CAN4-S104(ULC-S104) fire door conformant
- NFPA 80-07 Compliant
- UL 1034 burglary-resistant listed
- ANSI/BHMA A156.31, Grade 1
- NFPA -252 fire door conformant
- ASTM-E152 fire door conformant
- Patents Pending

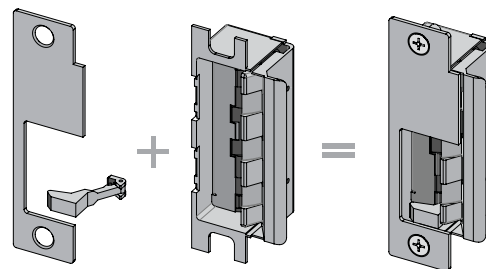
Frame Application

- Metal
- Wood

Electrical

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

The HES 8500 series is the first concealed electric strike solution for mortise locksets. Designed for fast, convenient installation, the 8500 fits into low profile openings with little or no modification to the face of the frame. Best of all, the creative design of the HES 8500 helps manage some of the unique challenges of a mortise lock installation.



MORTISE LOCKS
WITHOUT DEADBOLTS

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

Accessories

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

Faceplate Finishes

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



FIRE RATED



UL 1034
BURGLARY LISTED



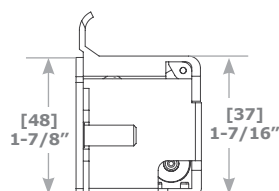
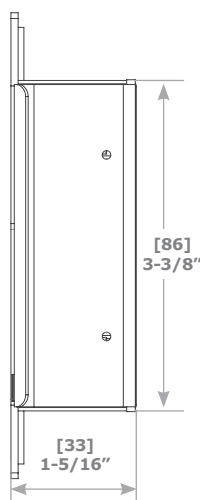
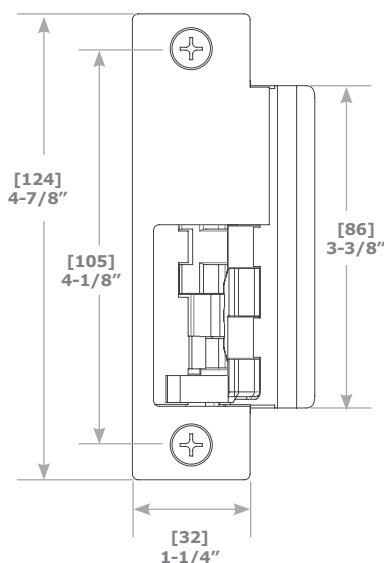
FIELD SELECTABLE
(FAIL SECURE / FAIL SAFE)



FIELD SELECTABLE
(12 OR 24VDC)



GRADE 1



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



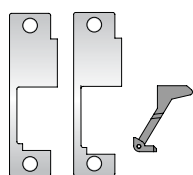
8500 Faceplate Option Kits

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.

type of lock released



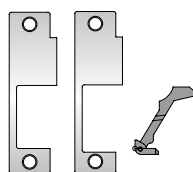
4 7/8" x 1 1/4"

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"

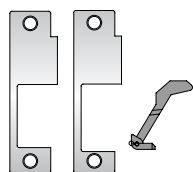
radius corners
& flat faceplate

852K Option

For use with: Mortise locksets

Compatible locksets: Corbin Russwin ML 2000

» ANSI/BHMA Numbers: #E05031, #E09321, #E09322, #E09323



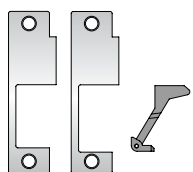
4 7/8" x 1 1/4"

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 before 2005) & 8800, Accurate, Falcon, Kaba Ilco/Unican

» ANSI/BHMA Numbers: #E05031, #E09321, #E09322, #E09323

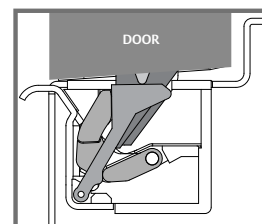


*At this time, the 8500 is not compatible with Best 45 series.

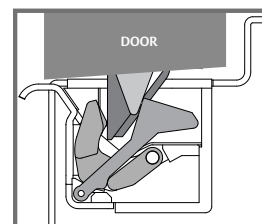
Get to Know the HES 8500

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 and distinctive features of the 8500, so that you can correctly install and operate it.

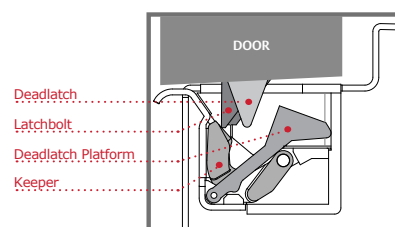
- » When the door is closed, the mortise latchbolt is held secure by the 8500 keeper. A 'deadlatch platform' insert holds the deadlatch in its locked state. Place the deadlatch platform into one of three locations in the strike as appropriate for the type of mortise lockset.



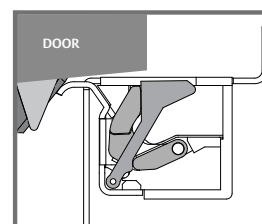
- » When the electric strike is energized, the keeper begins to rotate and the deadlatch platform falls away, allowing the deadlatch to drop and the latchbolt to become unguarded.

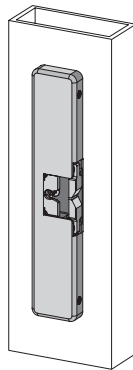


- » As the door moves forward, the latchbolt slides first along the keeper and then up the internal ramp.



- » 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.





The slim-line, 1/2" surface mounted solution

Specifications

- UL1034 burglary-resistant rated
- ANSI/BHMA, A156.31 Grade 1 (#E09371, #E09372, #E09373)
- Patented design

Frame Application

- Metal
- Wood

Electrical

- .45 Amps @ 12VDC continuous duty
- .25 Amps @ 24VDC continuous duty

The HES 9400 electric strike is completely surface-mounted with a unique 1/2" slim-line form that is ideal for 1/2" throw rim exit devices in steel, aluminum or wood frames. The product is UL 1034 listed and exceeds ANSI/ BHMA Grade 1 standards. Designed with a smooth new profile, the 9400 series features a cover that conceals the mounting screws and offers a sleek surface for superior looks and added strength.

Spacer Plate Included

The 9400 now ships with one 1/8" spacer plate included in the box. Units ordered in a 630 finish have a stainless spacer. All other finishes have a black stainless steel spacer. Additional black spacer plates can be ordered as an accessory.



RIM EXIT DEVICES

Standard Features

- Completely surface mounted
- One 1/8" spacer plate included
- Decorative cover for sleek new look
- 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
- Horizontal adjustment
- Non-handed
- Internally mounted solenoid
- Accommodates up to 1/2" pullman latch
- Five-year limited warranty



Optional Features

- LBM - Latchbolt monitor
- LBSM - Latchbolt strike monitor

Accessories

9400/9500/9600-108 - Spacer plate

SMB - Surface mounting box

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



UL 1034
BURGLARY LISTED



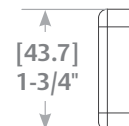
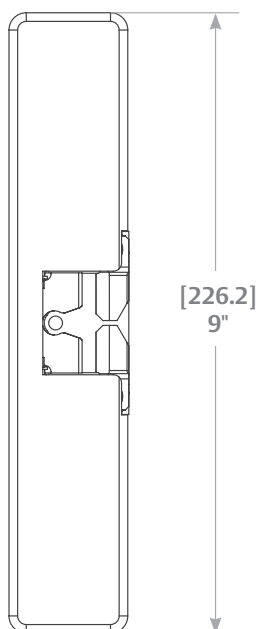
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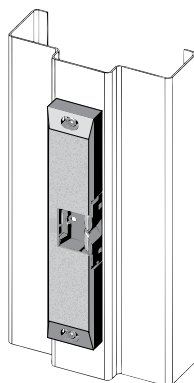


FIELD SELECTABLE
(12 OR 24VDC)



GRADE 1





The completely surface mounted, fire-rated solution

9500 Series

The 9500 series Genesis™ continues to set the standard for fire-rated surface mounted electric strikes. All components are completely encased within its 3/4" thick stainless steel housing, requiring no cuts to the jamb. Designed for use with rim exit devices, the 9500 series is field selectable for either fail secure or fail safe operation and can be operated with either 12 or 24 Volts DC.

Specifications

- UL 10C fire-rated, 3 hour (fail secure only)
- CAN4-S104 (ULC-S104) fire door conformant
- WHI fire door listed
- UL1034, burglary-resistant listed
- ANSI/BHMA A156.31, Grade 1 (#E09371, #E09372, #E09373)
- NFPA-252 fire door conformant
- ASTM-E152 fire door conformant
- California Fire Marshall listed
- NFPA 80-07 compliant
- Patented design

Frame Application

- Metal
- Wood

Electrical

- .45 Amps @ 12VDC continuous duty
- .25 Amps @ 24VDC continuous duty

3 Hour Fire-Rated

Products with a fire rating have been evaluated and listed to UL10B, "Fire Test of Door Assemblies" and UL10C, "Positive Pressure Fire Tests with Door Assemblies". Products are fire-rated from 30 minutes to three hours. The 9500 series has a three-hour fire rating, the maximum rating required of any swinging type fire door.



RIM EXIT DEVICES

Standard Features

- Completely surface mounted
- Stainless steel construction
- Tamper resistant
- Static strength 1,500 lbs.
- Dynamic strength 70 ft-lbs.
- Endurance 1,000,000 cycles
- Field selectable fail safe/fail secure
- Dual voltage 12 or 24 VDC
- Horizontal adjustment
- Non-handed
- Internally mounted solenoid
- Accommodates up to ¾" pullman latch
- Five-year limited warranty



Optional Features

- LBM - Latchbolt monitor
- LBSM - Latchbolt strike monitor

Accessories

9400/9500/9600-108 - Spacer plate

SMB - Surface mounting box

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



FIRE RATED



UL 1034
BURGLARY LISTED



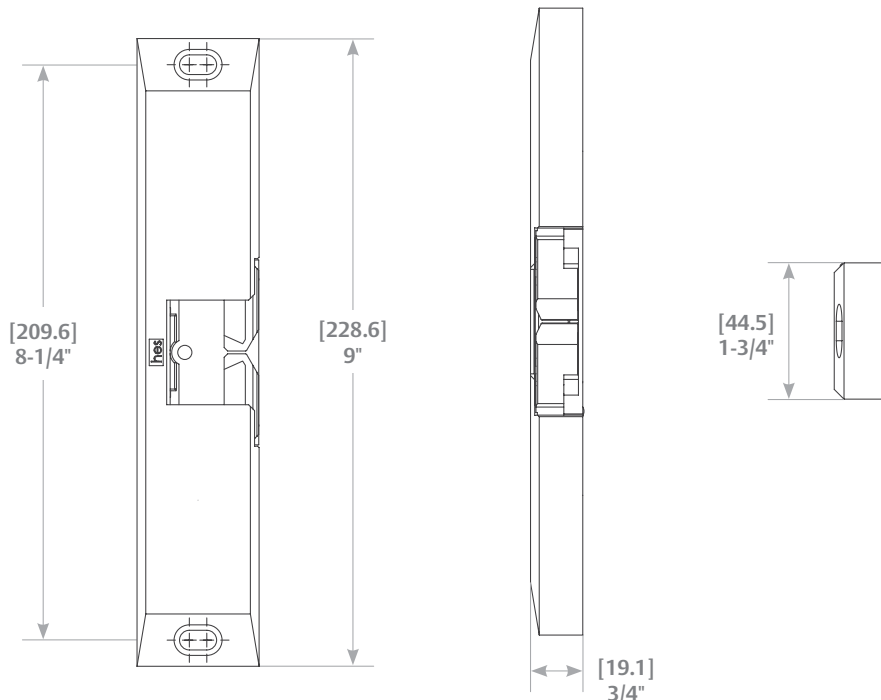
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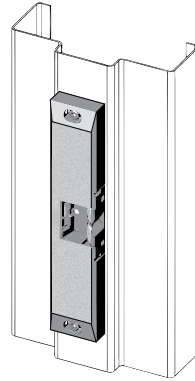


FIELD SELECTABLE
(12 OR 24VDC)



GRADE 1





The original completely surface mounted, windstorm rated solution!

Specifications

- UL listed to ANSI 250.13 Severe Windstorm
- UL1034 burglary-resistant listed
- ANSI/BHMA, A156.31 Grade 1 (#E09731, #E09732)
- Patented design

Frame Application

- Metal
- Wood

Electrical

- .45 Amps @ 12VDC continuous duty
- .25 Amps @ 24VDC continuous duty

The 9600 series Genesis™ continues to set the standard for surface mounted electric strikes. The 9600 accommodates rim exit devices in metal or wood jambs. The 9600 features an internally mounted solenoid and two stainless steel, independently- operating locking mechanisms. The 9600 is easy to install, with all components encased in the 3/4" thick stainless steel housing, requiring no cuts to the jamb for installation.

Windstorm Rating

A "severe windstorm" is defined by the ANSI standard as being a weather event with sustained winds or gusts of 100 to 150 miles per hour. To meet listing requirements, an electric strike must preserve the closed door state and be functional after withstanding multiple impacts of 350 ft-lbs., which is roughly equal in force to a 9 pound section of a 2 x 4 flying at 50 feet per second and hitting the opening end on. It must then survive pressure variance of ± 60 ft-lbs. of pressure over 3,500 cycles. The HES 9600 is the only windstorm listed surface mount electric strike available.



RIM EXIT DEVICES

Standard Features

- Completely surface mounted
- Stainless steel construction
- Tamper resistant
- Static strength 1,500 lbs.
- Dynamic strength 70 ft-lbs.
- Endurance 1,000,000 cycles
- Field selectable fail safe/fail secure
- Dual voltage 12 or 24 VDC
- Horizontal adjustment
- Non-handed
- Internally mounted solenoid
- Accommodates up to 3/4" pullman latch
- Five-year limited warranty



Optional Features

- LBM - Latchbolt monitor
- LBSM - Latchbolt strike monitor

Accessories

9400/9500/9600-108 - Spacer plate

SMB - Surface mounting box

2001M - Plug-in bridge rectifier

2004M - ElectroLynx® adapter

2005M3 - SMART Pac III™

2006M - Plug-in buzzer

Finishes

630 - Satin stainless steel

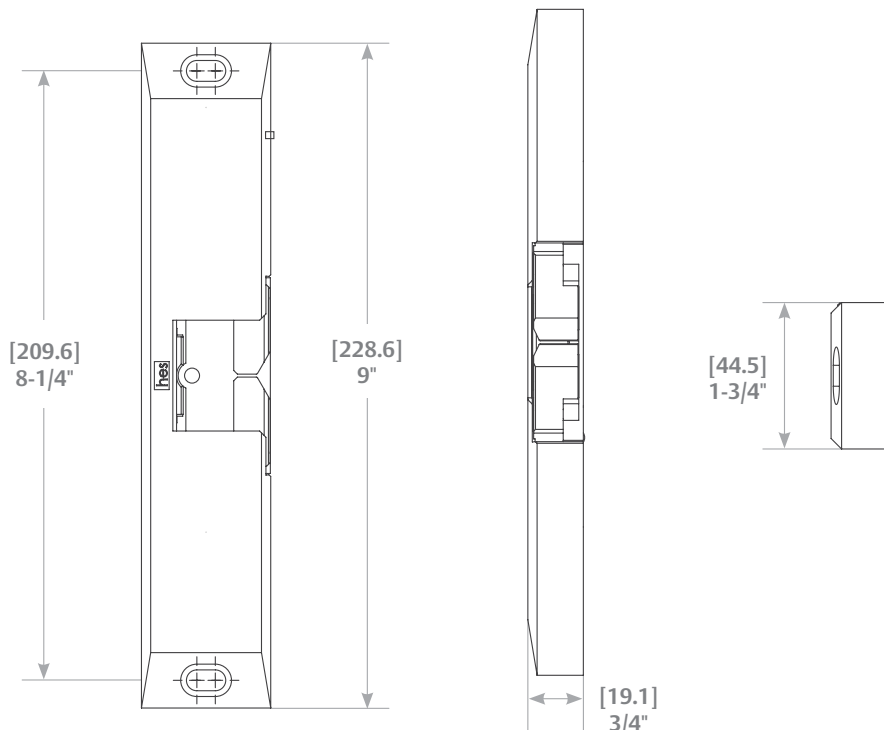
605 - Bright brass

606 - Satin brass

612 - Satin bronze

613 - Bronze toned

629 - Bright stainless steel



ANSI A250.13-2003
WINDSTORM RESISTANT



UL 1034
BURGLARY LISTED



FIELD SELECTABLE
(FAIL SECURE / FAIL SAFE)



FIELD SELECTABLE
(12 OR 24VDC)



GRADE 1



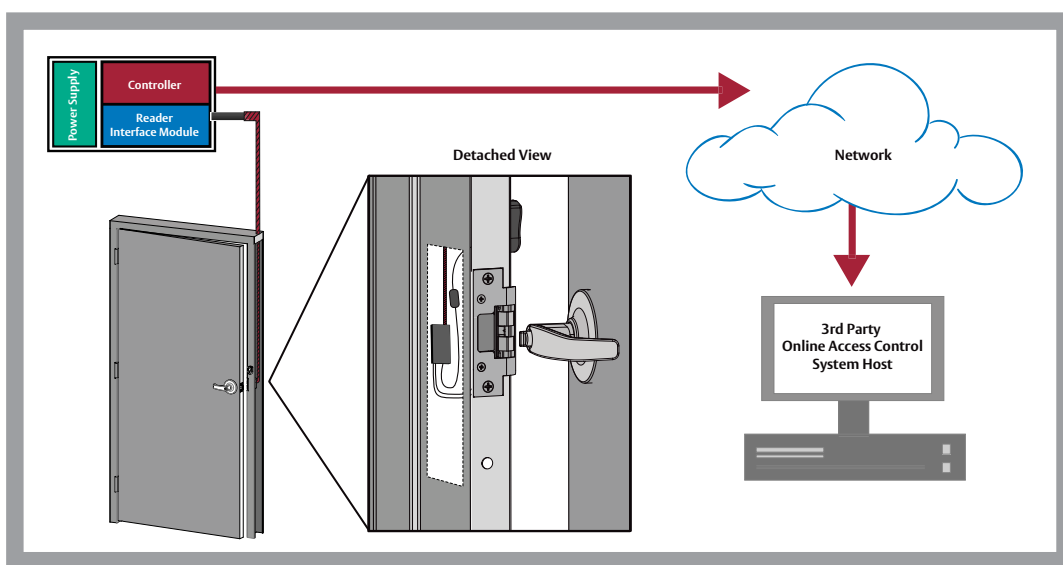
Easy Installation and Compatibility in One Convenient Package

HES Integrated Access Control Products combine a high-quality access control reader, featuring HID® technology, door position switch and your choice of HES Electric Strikes—all in one convenient package. Designed for easy installation, maintenance and compatibility, these products are ideal for a full range of access control applications.

All HES Integrated Products:

- Provide standard Wiegand output for seamless integration with current access control systems.
- Are available for cylindrical and mortise locksets as well as rim exit devices, in both fire and non-fire-rated openings.





The integrated door position switch and strike latchbolt monitor provide extra protection by allowing the access control system to monitor the door state and ensure the door is closed and secured. The tamper-resistant card reader is cleverly concealed within the door frame. Completing the package is your favorite UL-listed HES electric strike, available in a wide range of finishes.

The compact reader antenna mounts quickly and easily on the wall or on the frame in applications with difficult-to-mount wall surfaces such as brick or granite. This aesthetically pleasing product makes it possible to employ a card reader consistently throughout a facility, providing cardholders with a familiar format at each opening.

* Use of non-HID credentials may require an activation process or a programming card.



Integrated iClass® Powerful access control in a user-friendly unit

Available Models:

- » IC1026
- » IC4520
- » IC5020
- » IC5220
- » IC7020
- » IC7520
- » IC8020
- » IC8320
- » IC8520
- » IC9420
- » IC9520
- » IC9620

HES Integrated iCLASS Products combine any HES electric strike with a 13.56 MHz card reader, latchbolt monitor, and door position switch. Optimized to make access control more powerful, the HID® iCLASS 13.56 MHz contactless smart card technology offers enhanced security through encryption and mutual authentication. At the same time, location of all components inside the door frame means higher security and superior aesthetics. These Integrated iCLASS products deliver more powerful access control in a uniquely user-friendly unit. Designed to work with your existing Wiegand-compatible controller.

READER SPECIFICATIONS

- HID® 13.56 MHz iCLASS reader (read only)
- Supports HID iCLASS credentials, plus CSN read only credentials including MIFARE® DESFire®, and Sony FeliCa™
- Interfaces with Wiegand compatible access control systems
- Readers dimensions: 1.25"w x 2"h x .75"d
- 500 ft. maximum distance from controller
- 12 to 24 VDC (125 mA Max @ 12 VDC) ± 10%
- FCC Part 15 & Industry Canada compliant



1006



4500



5000



5200



7000



7500

Integrated Prox

Sophisticated access control in a simple package

Experience the convenience of an electric strike with an integrated proximity card reader. Combining the access control of HID® 125KHz Prox reader technology with the physical security of an electric strike, latchbolt monitor and door position switch. The HES Integrated Prox products conceal everything in the frame for easier installation and better tamper resistance. Engineered to work with any Wiegand-compatible controller, these versatile units easily integrate with most access control systems.

READER SPECIFICATIONS

- HID® 125 MHz Prox reader
- Interfaces with Wiegand compatible access control systems
- Readers dimensions: 1.25"w x 1.8"h x 2"d
- 500 ft. maximum distance from controller
- 10 to 14 VDC (124 mA Max @ 12 VDC)
- FCC Part 15 & Industry Canada compliant

Available Models:

- » RF1016
- » RF4510
- » RF5010
- » RF5210
- » RF7010
- » RF7510
- » RF8010
- » RF8310
- » RF8510
- » RF9410
- » RF9510
- » RF9610



8000



8300



8500



9400



9500



9600

The **smartest**, most **versatile** electric strikes available



The strongest, most versatile electric strikes can be part of your Hi-O system. Add the HT1006 hybrid electric strike and the HT5000 hybrid electric strike to your Hi-O opening for the best in network intelligence and physical security at the door.

Available Models:

» HT1006

» HT5000



HT1006 Shown

Hi-O incorporates the same CAN (Controller Area Network) technology that's built into automobiles to monitor and maintain the vehicle. Hi-O door components come pre-wired with ElectroLynx® standardized Molex® connector; they simply plug together, enabling automatic activation and configuration onto the network. Encrypted communication brings better monitoring capabilities to building owners—the opening securely communicates precise information so maintenance becomes predictive rather than reactive and end-users can know in real-time if there has been a security breach.

Note: Hi-O products are available only to distributors who are certified as Authorized Channel Partners and/or Certified Integrators. In order to quote or bid a job, a distributor must first become an Authorized Channel Partner (ACP) by successfully completing the ASSA ABLOY training program for this product. In addition, ACPs must partner with a Certified Integrator (CI) to ensure this product is installed, commissioned properly and supported with 24/7 service. Advanced ACPs may qualify as a CI provided they have adequate system experience, offer 24/7 service, and fulfill all requirements to become a CI. For more information, visit www.intelligentopenings.com.

Intelligent Installation

- Automatic configuration and activation
- Simple, 4-wire data/power hookup
- ElectroLynx connectors
- Self-regulating power, 12-24V

Intelligent Monitoring

- Automatic monitoring and self-diagnostics
- Encrypted communication between devices
- Immediate notification of system breach

Intelligent Ownership

- Fast and accurate installation
- Predictive, not reactive, maintenance
- Enhanced troubleshooting
- Low cost ownership for the life of the opening

Interested? Visit intelligentopenings.com to see the expanding line of Hi-O products, including:

- SECURITRON HT-PB2/HT-PB2E (Push Button)
- SARGENT HT-4396HP Wall Switch/HT-56-8810 (Exit Device)
- NORTON HT6900 (Door Operator)
- HID R40 (Reader)
- ASSA ABLOY 4423HT (Hub)
- ASSA ABLOY 4422HT (Translator)
- ASSA ABLOY 4421HT (CAN Module)

HES Applies for Silver Level of LEED Certification

Our Sustainability Initiative. ASSA ABLOY's drive to make sustainability an integral part of its business philosophy and culture is apparent in the newly constructed EMS & OEM Group building. The Phoenix, Arizona home of Group brands HES and SECURITRON incorporates sustainable construction methods that are expected to earn the facility LEED® (Leadership in Energy and Environmental Design) Silver certification from the United States Green Building Council (USGBC).

About the United States Green Building Council (USGBC). USGBC is an internationally recognized organization that provides the LEED rating system, a concise framework for identifying and implementing practical and measurable design, construction and operation of high performance green buildings. The Phoenix facility is the first ASSA ABLOY Americas building designed to the LEED Silver level. Formal certification is expected to come in summer 2012.

Going Green. HES and Securitron completed the move to the 94,000 square-foot Phoenix facility in the August of 2011. When designing the facility, one main priority was to make it as eco-friendly as possible. The EMS & OEM Group incorporated a wide variety of building design features to help improve energy efficiency, air quality and sustainability.

Reduced Energy and Water Waste. New mechanical and electrical systems include a highly efficiency air conditioning system, plus Energy Star® appliances and equipment. The building features skylights, automatic controls and sensors that conserve energy as well as lights on motion sensors and timers for climate control. Upgraded insulation and reduced water consumption for plumbing fixtures reduce energy and water usage. Employees in the new building benefit from improved interior air ventilation.

Reduced Carbon Footprint. Site features that contribute to the Silver LEED rating include close proximity to a variety of services for employees and the use of native plants in landscaping for reduced irrigation water use. Bicycle parking and shower facilities support a reduced carbon footprint.

Other Sustainable Practices. Sustainable practices used in the construction process include recycling and minimizing construction waste, using FSC-certified wood, and low VOC emitting paints, adhesives, and other surfaces throughout the building. Air was also filtered during construction to reduce the spread of dust.

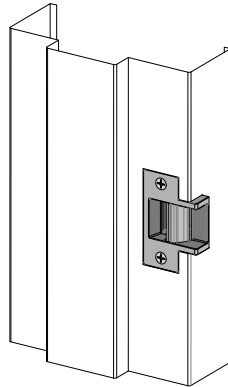
Employees and guests play a significant role in making the work environment healthy and sustainable. Recycling bins are strategically located throughout the building to facilitate recycling for operations and employees. Signs located throughout the building and internal action committees help educate guests and employees of the "green" features of the space and its smoke-free work environment. Environmentally responsible cleaning practices are used to maintain the building.

The EMS & OEM Group eagerly awaits the formal conveyance of its LEED Silver certification and the opportunity to showcase its new home as an example of ASSA ABLOY's commitment to sustainability.





Ideal for ANSI 2 $\frac{3}{4}$ " cut-outs



Real **value** and **versatility** from the market leader

Specifications

- ANSI/BHMA A156.31, Grade 2
- Patent pending

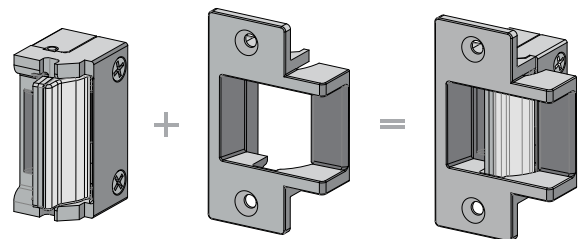
Frame Application

- Metal
- Wood

Electrical

- .20 Amps @ 12VDC/VAC
- .10 Amps @ 24VDC/VAC
- DC continuous duty/AC intermittent duty only

The V3 series offers real value, innovation, and flexibility in one compact product. With 9 different faceplate options, the V3 is a drop-in replacement for other manufacturers' electric strikes. Offering up to 1/4" of horizontal adjustability, the V3 is ideal for cylindrical locksets with 1/2" to 5/8" latchbolts, in medium duty applications.



CYLINDRICAL LOCKSETS

Standard Features

- Small strike body fits in many competitive cut-outs, with no modification to the frame
- 9 flexible faceplate options, from 2-3/4" - 9" long
- Modular components allow you to adjust depth as needed
- Accommodates 1/2" - 5/8" cylindrical latchbolt (5/8" with 1/8" door gap)
- Keeper shims for horizontal adjustment
- Static strength 1000 lbs.
- Dynamic strength 50 ft-lbs.
- Endurance 500,000 cycles
- Available in fail secure
- Non-handed
- One-year limited warranty

Finishes

- 630** - Satin stainless steel
- 605** - Bright brass
- 606** - Satin brass
- 612** - Satin bronze
- 613** - Bronze toned
- 629** - Bright stainless steel
- BLK** - Black

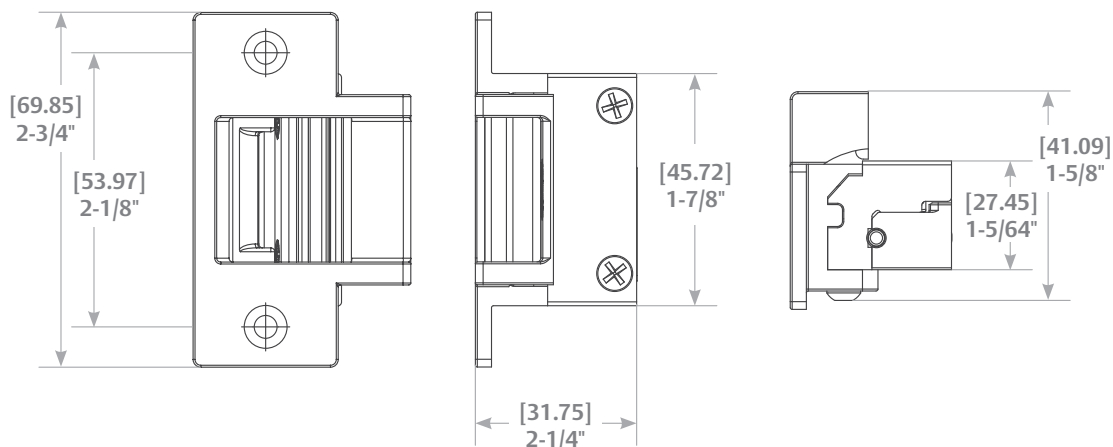


diagram shown with option 7



V3 Faceplate Option Kits



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

type of lock released

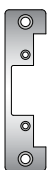


4 7/8" x 1 1/4"

Option 1

For use with: Cylindrical locksets. ANSI metal jamb installations. Retrofits: RCI (4114, 7114), ROFU (1702, 1802) and TRINE (012, 2007, 2012).

» ANSI/BHMA Numbers: #E05031, #E09321, #E09322, #E09323



4 7/8" x 1 1/4"

Option 1A

For use with: Cylindrical locksets. Metal frame installations with mounting tabs. Retrofits: RCI (4104, 7104).

» ANSI/BHMA Numbers: #E05031, #E09321, #E09322, #E09323

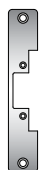


7 15/16" x 1 7/16"

Option 2

For use with: Cylindrical locksets. Metal frame installations with mounting tabs. Retrofits: RCI(4108, 7108), ROFU (1704, 1804) and TRINE (2002WR).

» ANSI/BHMA Numbers: #E05031, #E09321, #E09322, #E09323



6 7/8" x 1 1/4"

Option 3

For use with: Cylindrical locksets. Metal frame installations with mounting tabs. Retrofits: RCI (4107, 7107), ROFU (1703, 1803) and TRINE (2678).

» ANSI/BHMA Numbers: #E05031, #E09321, #E09322, #E09323





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

type of lock released



9" x 1 3/8"

Option 4

For use with: Cylindrical locksets. Wood frame applications.
Retrofits: ANSI 9" x 1-3/8" cutouts.

» ANSI/BHMA Numbers: #E05031, #E09321, #E09322, #E09323



3 1/2" x 1 3/8"

Option 5

For use with: Cylindrical locksets. Wood frame installations.
Retrofits: TRINE 005.

» ANSI/BHMA Numbers: #E05031, #E09321, #E09322, #E09323

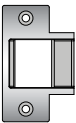


7 15/16" x 1 7/16"

Option 6

For use with: Cylindrical locksets. Metal frame or wood installations with mounting tabs. Retrofits: ROFU 1509.

» ANSI/BHMA Numbers: #E05031, #E09321, #E09322, #E09323

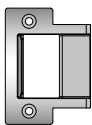


2 3/4" x 1 1/8"

Option 7

For use with: Cylindrical locksets. Metal jamb installations.
Retrofits: ANSI/BHMA A156.115 2-3/4" cutouts.

» ANSI/BHMA Numbers: #E05031, #E09321, #E09322, #E09323



2 3/4" x 1 1/8"

Option 7E

For use with: Cylindrical locksets. Extended lip for 'knock-down' style frame installations. Retrofits: ANSI/BHMA A156.115 2-3/4" cutouts.

» ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333





The 660 electro-mechanical lock is a surface-mounted electric multi-purpose lock, perfect for drawers and cabinets, operating on either 12 or 24VDC with over 1,000 lbs. of holding force.

The **strongest** surface mounted, **multi-purpose** locking solution

Standard Features

- Static strength 1,000 lbs.
- Dynamic strength over 100 ft-lbs.
- Endurance over 1,000,000 cycles
- Available in either 12 or 24 VDC
- All metal construction
- Adjustable mounting brackets with final lockdown feature
- 6 foot cable lead
- Patented design
- 3-year limited warranty

Optional Features

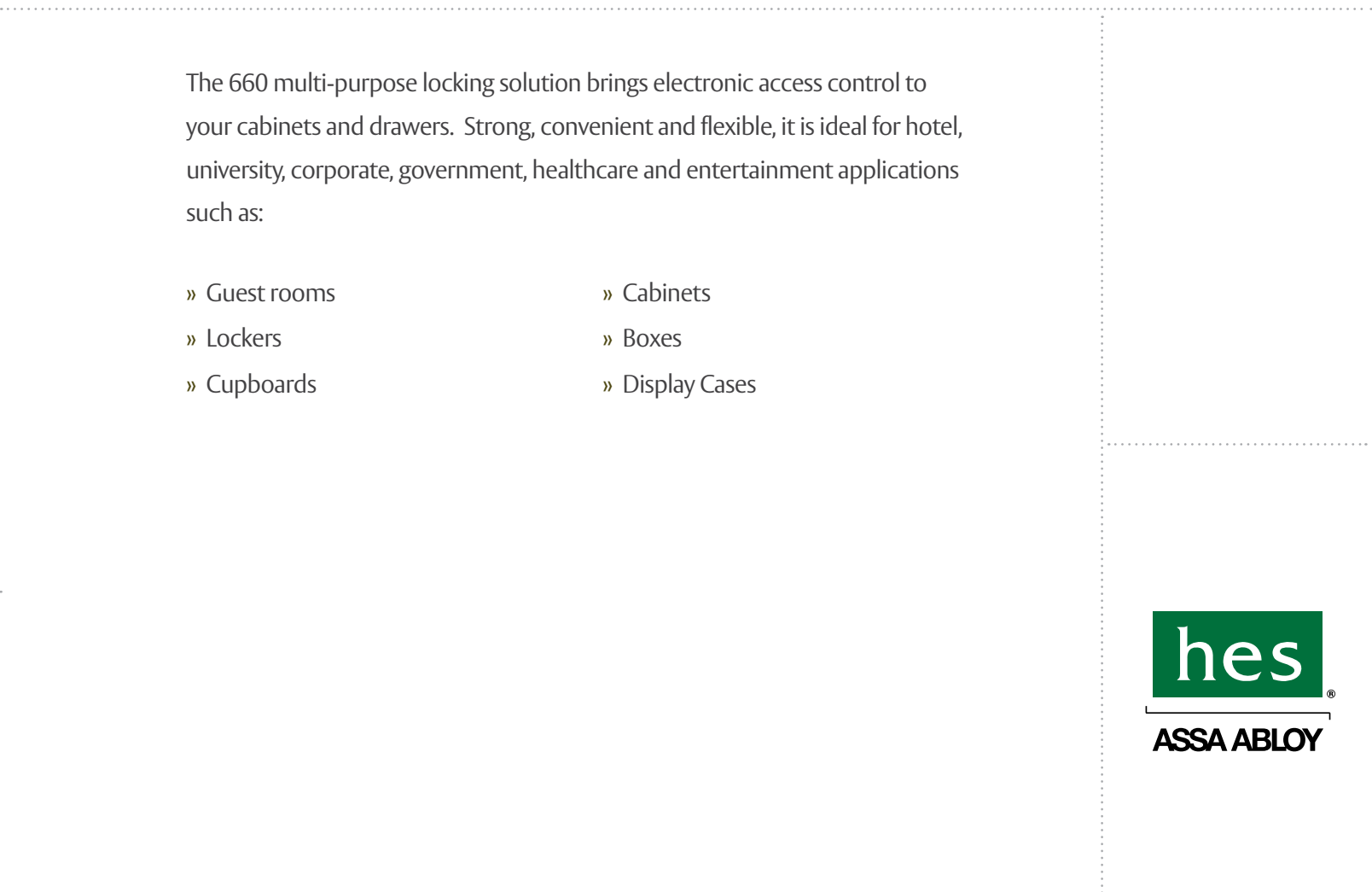
- LBSM - "Locked State" Monitoring
- Pre-load version

Accessories

- **KO** - 660 Key override option

Electrical

- .24 Amps @ 12VDC continuous duty
- .12 Amps @ 24VDC continuous duty
- .70 Amps @ 12VDC (pre-load option)
- .35 Amps @ 24VDC (pre-load option)



- » Guest rooms
- » Lockers
- » Cupboards
- » Cabinets
- » Boxes
- » Display Cases



Electrical Accessories

item	accessory	description
	2001M: Plug-in bridge rectifier	Converts AC to DC. 35 V, 1 Amp <i>Includes MOV and self-resettable fuse</i>
	2001-1: Wire-in bridge rectifier	Converts AC to DC. 35 V, 2 Amp
	2002: Universal AC transformer	Converts 120/208/240 VAC to 12 or 24 VAC output. 24V, 1.67Amp max
	2002P-24: AC plug-in transformer	Converts 110/120 VAC to 24 VAC output. 1.5A max
	2004M: ElectroLynx® adapter	Adapter between existing HES electric strikes and ElectroLynx® connectors
	2005M3: SMART Pac III™	In-line power controller able to receive input voltages from 12-32V AC or DC. Built-in bridge rectifier. Reduces initial voltage by 25% to extend the life of the electric strike. Includes built-in resettable fuse, MOV, voltage regulation and input status LED
	2006M: Plug-in buzzer	Audible operation indicator. At 24VDC decible reading 75 at 11-3/4"
	2007M: Plug-in pigtail connectors	With 4" wire leads

Hardware Accessories

item	accessory	description
	150: Strike latch guard	Stainless steel. Installed at the edge of the door to cover the lock and electric strike <i>Available in 626 finish only.</i>
	SMB: Surface mounting box	Installs on inactive door of pair of doors to accommodate rim-exit devices. To be used with the 7000 (783S and 789S), 9400, 9500 and 9600 series. <i>Available in black finish only.</i>
	152: Universal mounting tabs	Mount inside hollow metal and aluminum jambs
	154-MTK: Metal Template Kit	For installing the 1006, 4500, 5000, 5200, 7000 and 7501 electric strikes (4-7/8" ANSI jamb preparation only)
	157D: Torx® security bit	Tamper-Resistant Torx® TR20 insert bit
	157: Torx® screws	Two (2) 12-24 UNC x 3/4" FH Tamper-Resistant Pin-in-Torx® screws

Demo Mounts for HES Electric Strikes

Demo mounts make it easy to display and demonstrate HES electric strikes. Choose from a pre-assembled strike in a demo mount or a standalone mount that works with an HES strike you currently have on hand. These durable, working samples showcase the product's features and benefits.

Contact HES Customer Service today at 1-800-626-7590 to order your demo mounts. Email your order to customercare@assaabloyems.com.





The Perfect Complement to HES® Products for Access Control

Count on Securitron for access control accessories, entry and exit devices and power supplies. With world class tech support, high-quality products and the best warranty in the industry, Securitron products integrate seamlessly with HES products for access control.

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www.securitron.com

1-800-MAGLOCK



Power Supplies



Digital Entry Systems



Push Buttons
and Keyswitches



Timers

ASSA ABLOY, the global leader
in door opening solutions

Standard Terms and Conditions

The following Terms and Conditions ("Terms") apply to the sale by Hanchett Entry Systems, Inc. ("HES") of HES products and services ("HES products").

All transactions are subject to the latest published Terms except to the extent modified by a written agreement between the purchaser and HES executed prior to an accepted order. The purchaser agrees that HES' acceptance of any purchase order delivered by purchaser is subject to and conditioned upon these Terms. Purchase orders, quotation requests, or acknowledgements which have clauses contrary to these Terms are not binding on HES, unless specifically approved in writing by an authorized agent of HES. No order shall be binding on HES until received and approved by HES. HES expressly reserves the right to correct clerical, stenographic, and other obvious errors at any time.

Pricing

All prices are subject to change without notice. No prices are guaranteed. All shipments will be made at prices prevailing at the time of acknowledgment.

Payment Terms

Standard terms are net 30 days of invoice date.

Credit Terms

Credit terms must be established by completing an HES credit application and submitting it to HES for approval. Accounts not paid within 30 days of the date of the invoice will be considered past due, with interest accruing at 2% per month beginning on the 31st day after the date of the

invoice. An order received on an account which has not been paid within 45 days from the date of invoice will not be processed until the account is current. An account remaining unpaid 60 days after the date of the invoice may be referred for collection and credit will be cancelled. HES reserves the right to revoke any credit extended to a purchaser because of purchaser's failure to pay for any goods when due or for any other reason deemed good and sufficient by HES, and in such event all subsequent shipments shall be paid for on delivery.

Freight Terms

All goods are delivered for shipment from the HES plant in Phoenix, Arizona. Purchaser agrees to pay the trucking, railway and freight charges on the goods from the point of shipment to the destination. Purchaser assumes the risk of loss or damage to the goods while in transit from the point of shipment.

Delivery

Delivery is contingent upon conditions at time of order and is subject to change. HES shall not be liable for failure or delay in shipping goods if such failure or delay is due to an act of God, war, labor difficulties, accident, inability to obtain containers or raw materials, or any other causes. Any claims of shortages must be made within 30 days of shipment and are subject to approval. HES reserves the right to make delivery in installments. Installments shall be separately invoiced and paid for when due, without regard to subsequent deliveries. Delay in delivery of an installment shall not relieve the purchaser of its obligation to accept remaining deliveries.

Changes and Cancellations

Changes to or cancellations of orders must be made in writing and delivered by email, fax or regular mail. Cancellations made after HES has issued an order acknowledgment are subject to HES approval, and are subject to a \$25 processing fee in addition to any cost incurred by HES as a result of the original order.

Warranty

HES products are generally governed by an express, limited warranty ("Warranty"). All new HES products are warranted to be free from manufacturing or design defects for a period, from date of manufacture, as follows:

1 Year 'Hassle-Free'

Guarantee: All HES products, including all Series electric strikes, electromechanical locks, security controls, power supplies and electrical components.

Mechanical Components Warranty:

3 Years: 7000 Series electric strikes and 660 electromechanical locks

5 Years: HT1006, HT5000, 1006, 4500, 5000, 5200, 7500, 8000, 8300, 8500, 9400, 9500 and 9600 Series electric strikes

Lifetime: Integrated products.

Electrical Components Warranty:

1 Year: All Series electric strikes

3-5 Years: *Installing a SMART Pac III™ power controller with any new product extends the 1 year warranty on electrical*

Electrical Components Warranty (Continued):

components, including the SMART Pac III™, to the 3-5 year warranty term applicable to each Series mechanical components as outlined above

Lifetime: Integrated products.

The scope of this Warranty shall be limited to the replacement, but not installation, of the defective products. This Warranty is valid in the USA and Canada only. This Warranty also does not apply to products that have been misused or damaged by accident or by any acts of humans (other than HES personnel), war, terrorism, animals, pressure, biological, nuclear, or chemical agents, nature or the government or altered or repaired outside the HES factory. The purchaser accepts the products "as is". HES MAKES NO OTHER WARRANTY EXPRESS OR IMPLIED; AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH EXCEED THE LIMITS OF THE FOREGOING WARRANTY, ARE HEREBY DISCLAIMED BY HES.

Procedure for Claiming Under Warranty or Returns

Requests to return HES products should be made within 18 months from date of order and HES reserves the right to request date of manufacture and other product information. On goods returned for customer convenience, HES also reserves the right to request original packaging. An RMA (Return Material Authorization) must be obtained from authorized personnel of HES before any HES product may be returned. Upon inspection by HES, a decision will be made to repair, replace, or issue a credit for the HES product. This decision will be made solely by HES in accordance with the provisions of these Terms. Obsolete products

will not be accepted for return.

Transportation charges and insurance on all returned materials must be prepaid by the purchaser. On goods returned for customer convenience, when the purchaser returns materials in compliance with these Terms which are accepted by HES, the purchaser may be issued a credit for 65% of the purchase price, with 35% charged by HES for handling and reprocessing. All refunds will be in the form of a credit.

Limitation of Liability

To the extent permitted by law, HES and its agents and affiliates (collectively "HES Parties") shall not be responsible for, and the purchaser hereby assumes the risk of, and hereby releases HES for any damages or injury whatsoever (including, without limitation, incidental or consequential damages, damages for lost profits or business interruption, and punitive damages) caused by or related to any use of HES Products, regardless of any error, omission, interruption, defect, failure of performance, delay in operation or transmission, even if HES has been advised of the possibility of such damages. If, notwithstanding the foregoing limitations, HES has any liability to the purchaser despite the foregoing limitations, the purchaser agrees that the HES' total liability to the purchaser for all losses, damages, and causes of action, whether in contract, equity, tort (including without limitation, negligence and gross negligence), or otherwise, will not exceed the amount the purchaser paid to HES for the HES products.

Any action or arbitration brought against the HES pertaining to or in connection with the HES Products must be commenced and served upon HES within one (1) year after the date the cause of action arose,

and not thereafter. Failure to abide by such deadline will constitute a complete defense for the HES Parties to the purchaser's claims

No Third Party Liability

If the purchaser uses the HES Products on behalf of others or provides to others any products referenced herein, the HES Parties shall have no liability to such persons whatsoever, and the purchaser agree to defend and indemnify the HES Parties from any and all claims and demands asserted against them, and from any legal fees, costs and other expenses that the HES Parties incur therewith.

Governing Law and Jurisdiction

These Terms are governed by the laws of the State of Arizona, U.S.A. but without regard to its principles of conflict of laws. For any interpretational disputes relating to, or claims arising from, these Terms, the purchaser agrees to the exclusive jurisdiction of the Superior Court of Arizona in Maricopa County, provided, however, that such restriction shall not apply to legal actions initiated or brought by HES. Upon request by HES, all disputes concerning and claims arising from the foregoing shall be referred to binding arbitration in Maricopa County, Arizona by an arbitrator selected only by the Superior Court of Arizona in Maricopa County. The purchaser hereby waives its right to a jury with regard to claims against the HES Parties hereunder. The language used in these Terms shall not be construed strictly against HES.

Trademark Use Policy: ASSA ABLOY Americas

The following policy ("Policy") of ASSA ABLOY Americas ("ASSA ABLOY"), and all of its affiliated group companies (collectively, the "Group Companies"), applies to the use of certain intellectual property of all such Group Companies, including all trademarks, names, logos, product images, and related information (the "ASSA ABLOY Marks"). ASSA ABLOY Marks are proprietary and critical to the success of ASSA ABLOY and the Group Companies, and may only be used in strict compliance with this Policy.

^B This Policy covers any person or entity reselling any product of any Group Company with the consent of such Group Company (each, an "Approved Reseller"). Each Approved Reseller has a non-exclusive right to use certain of the ASSA ABLOY Marks relating to any ^F of the Group Companies for which it is an Approved Reseller, subject to the following conditions:

1. Approved Reseller's use of ASSA ABLOY Marks must be truthful, fair, and not misleading;
2. Approved Reseller's advertising must clearly indicate that it is advertising of the Approved Reseller, and is not advertising of ASSA ABLOY;
3. Approved Reseller may not use any ASSA ABLOY Marks as part of or in connection with a domain name;
4. Approved Reseller's advertising must not imply or suggest an association between the Approved Reseller and ASSA ABLOY other than that of buyer and seller;
5. Approved Reseller's use of ASSA ABLOY Marks must be a positive representation of ASSA ABLOY, the Group Companies, and their products;
6. Approved Reseller's trade name must be more predominant on Approved Reseller's advertising than the ASSA ABLOY Marks;
7. Approved Reseller's use of ASSA ABLOY Marks must include the trademark symbol ® or TM, as appropriate, along with the following trademark legend printed in legible text on the Web page or document containing ASSA ABLOY Marks:
"HES and Folger Adam Electric Door Controls are trademarks or registered trademarks of ASSA ABLOY, Inc. or one of its affiliates in the United States and other countries.";
8. Approved Reseller must not make modifications of any ASSA ABLOY Marks; and

9. Approved Reseller may use only ASSA ABLOY Marks associated with the Group Companies for which it is an Approved Reseller (e.g., an Approved Reseller that sells Group Company X products but not Group Company Y products may use Group Company X trademarks in connection with its sale of Group Company X products, but may not use Group Company Y trademarks).

ASSA ABLOY reserves the right to review Approved Reseller's usage of ASSA ABLOY Marks at any time and may:

- a. require changes to the use of ASSA ABLOY Marks at any time in its sole discretion, which changes must be implemented within 30 days of written notice to Approved Reseller;
- b. condition the use of ASSA ABLOY Marks on ASSA ABLOY's prior approval of such use, which approval may be withheld in its sole discretion;
- c. revoke permission to use ASSA ABLOY Marks at any time for any or no reason upon 30 days prior written notice to Approved Reseller; and
- d. revoke permission to use ASSA ABLOY Marks immediately upon notice to Approved Reseller in the event Approved Reseller is in violation of this Policy, or of any other agreement with ASSA ABLOY or any Group Company.

Approved Reseller's right to use ASSA ABLOY Marks in no way conveys to Approved Reseller any proprietary or economic interest in any ASSA ABLOY Marks.

Use of ASSA ABLOY Marks in violation of this Policy may result in severe civil and criminal liabilities. ASSA ABLOY will vigorously enforce this Policy by seeking all appropriate legal remedies, including, but not limited to, pecuniary damages and injunctive relief.

icon	description	
 ANSI A250.13-2003 WINDSTORM RESISTANT	ANSI A250.13-2003 Windstorm Resistant	Products with an ANSI windstorm rating are certified and tested to perform in sustained winds or gusts of 100-to-150 miles per hour.
 FIRE RATED	Fire-Rated	Products with a fire rating have been evaluated and listed to UL10B, "Fire Test of Door Assemblies" and UL10C, "Positive Pressure Fire Tests with Door Assemblies". The hourly rating qualification is also noted.
 UL1034 BURGLARY LISTED	UL1034 Burglary Listed	Products with a UL1034 listing have been evaluated and listed to UL1034. These requirements apply to the construction, performance, and operation of burglary-resistant electric locking mechanisms.
 ELD SELECTABLE (12 OR 24VDC)	Field Selectable 12/24	Ability to select either 12 or 24 volt DC in the field.
 FIELD SELECTABLE (FAIL SECURE / FAIL SAFE)	Field Selectable Fail Secure/Fail Safe	Ability to select either fail secure or fail safe locking mode in the field. Strikes come configured for fail secure.
 GRADE 1	Grade 1	Passed requirements of 1500 lbs. static force, 70 ft. lbs of impact force and withstands 500,000 cycles of operation.
 GRADE 2	Grade 2	Passed requirements of 1000 lbs. static force, 50 ft. lbs of impact force and withstands 300,000 cycles of operation.
 CYLINDRICAL LOCKSETS	Cylindrical Locksets	A lock for a door prepared with one or more cross-bores and one or more edge-bores.
 MORTISE LOCKS WITHOUT DEADBOLTS	Mortise Locks without Deadbolts	A lock case that fits into a prepared rectangular shaped recess in the edge or a door. Latchbolts are a spring actuated bolt, with a beveled surface, which, when aligned with the strike plate, engages it automatically.
 MORTISE LOCKS WITH DEADBOLTS	Mortise Locks with Deadbolts	A lock case that fits into a prepared rectangular shaped recess in the edge or a door. Deadbolts are bolts having no spring action operated by a thumb turn or key.
 RIM EXIT DEVICES	Rim Exit Devices	A latch mechanism which releases by depressing a cross bar or panel extending across the width of the door sometimes called a panic bar, panic exit hardware or fire exit bolt.
 SPECIALTY LOCKSETS	Specialty Locksets	Includes specialty locksets including but not limited to: cylindrical deadbolt, hook bolt, unit lock, weiser bolt, and narrow style aluminum lock.

Compatibility Chart

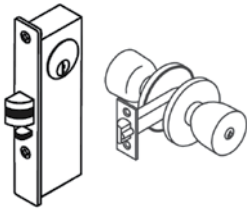
hes	folger adam	adams rite	rci
1006J•	712-75• 732-75•		
1006K• 1006KD• 1006KM•	742-75•		
1006A• 1006AD• 1006AM•			
1006N• 1006ND• 1006NM•			
1006T• 1006TD•			
1006H• 1006HD• 1006HM•			
1006R• 1006E• 1006Z•			
1006J-2•	310-2• 310-2¾•		
1006H-2•	310-3-1•		
4500•	742-75•	7240• 7270•	
5000-501		7140 7340	L6514
5000-501A		7101 7160 7300	L6504
5000-502		7110 7310	L6508
5000-503		7131	L6507
5000-504		7111	
5200-501		7100 7128 7140 7170 7340	S6514
5200-501A		7101 7108 7160 7300	S6504
5200-502		7110 7310	S6805
5200-503		7131	S6507
5200-504		7111 7311	
7000-701		7400	7114 7304
7000-702			7108 7308
7000-783		71R1 74R1	161
7000-786			
7000-789		71R2 74R2	
7501•	712• 712-75•	7240•	2114 2314
8000			
8300•			
8500			
9400			
9500•			
9600			0162

• = UL 10C fire-rated

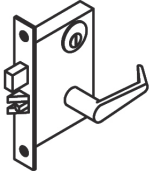
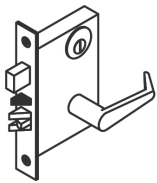
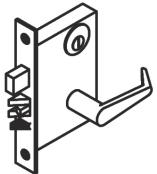
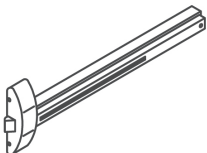
von duprin	trine	rofu
6211• 6211AL•		
6210•		
6210		
6214• 6215• 6224• 6226• 6211WF•		
6216•		
5100		
5100	3478	1402 1702
5100		
	002• 1002-2 2002	1509
	2678	
5100		
5100	007 012 S012 2007 2009 2012	1402 1702
5100	012RD S012RD	
	2002 2002WR	1509 1404
	2678	1403
6113•	EN-800	
6211•		
	EN-850	
	EN-400	1403 Radius
	4850	
	4800	

NOTE: This chart is offered as a convenience only. Reference should be made to the individual manufacturer's catalogs for complete data as to exact equivalents. There may be some variation in physical size, electrical characteristics and durability between strikes of different manufacturers. HES assumes no liability for differences between items compared. When compatibility is a concern, contact Customer Support at 800-626-7590 for application assistance. NOTE: The 109 trim adapter may be required for a neater appearance in retro fit applications where the strike lip dimensions exceed 3-3/8".

NOTE: This chart details the HES and Folger Adam products that can replace competitors products, but not necessarily the reverse.

ansi lock	description	manufacturer	electric strikes
	Cylindrical lockset All locks with center lined latchbolts	All manufacturers	1006J up to 1" throw 4500 5000 5200 7000 7501 RF & IC versions of all strikes listed above
	Cylindrical lockset	Best (8K & F Series), Corbin/Russwin (CL3300), Falcon (X & T), Marks, Sargent (6,7,10 & 11 line), Schlage (D series with deadlatch), Yale (4300, 5300, 5400)	1006J up to 1" throw 4500 5000 5200 7000 7501 8000 up to ½" throw 8300 up to ½" throw RF & IC versions of all strikes listed above
	Mortise locksets with a deadlatch positioned above the latchbolt	Arrow, Baldwin, Falcon (1991 & earlier), Marks, Omnia, PDQ	1006K 4500 RF & IC versions off all strikes listed above
		Best (34H - 37 Series)	1006KM 4500 RF & IC versions of all strikes listed above
		Sargent (7700 & 8100 Series), Schlage, Yale (8700)	1006KD 4500 8500-852L (<i>Schlage L90XX only</i>) 8500-852M (<i>Yale 8700 & Accurate 85XX only</i>) RF & IC versions of all strikes listed above

NOTE: Use this chart to identify ANSI locks and to determine which HES electric strike matches a specific manufacturer's lock. This chart is offered as a convenience only. HES assumes no liability for the differences between items compared. When compatibility is a concern, contact HES for application assistance.

ansi lock	description	manufacturer	electric strikes
	Mortise locksets with a deadlatch positioned below the latchbolt	Almet, Corbin/ Russwin, Falcon (1992 'M' Series), Sargent (7800, 8200 & 9200), Yale (8800)	1006KM 4500 8500-851M (<i>Sargent 82XX & 92XX</i>) 8500-852M (<i>Corbin Russwin ML20XX</i>) 8500-852M (<i>Falcon MA Series, Accurate 90XX, Accurate 91XX, Yale 8800 & Kaba ILCO/UNICAN</i>) RF & IC versions of all strikes listed above
		Best (45H & 47H Series)	1006KM 4500 RF & IC versions of all strikes listed above
	Mortise locksets with a 1" deadbolt without a deadlatch	Arrow, Baldwin, Marks, Omnia, PDQ, Schlage, Others	1006N 1006A 1006H
		Sargent (7700 & 8100), Yale (8700)	1006ND 1006AD 1006HD
	Mortise locksets with a 1" deadbolt and a center positioned deadlatch	Accurate, Arrow, Baldwin, Marks, Omnia, PDQ, Schlage, Others	1006T 1006HDT
		Sargent (7700 & 8100), Yale (8700)	1006TD 1006HD
	Mortise locksets with a 1" deadbolt and a deadlatch positioned below the latchbolt	Accurate, Almet, Arrow, Baldwin, Best (45H & 47H Series) Corbin/Russwin, Falcon, Marks, Omnia, PDQ, Sargent (7800, 8200 & 9200 Series), Yale (8800)	1006TD 1006HD
	Rim mounted exit device with up to 3/4" throw	American Device, Arrow, Corbin/ Russwin, Jackson, Dor-O-Matic, Monarch, Precision, Sargent, Von Duprin, Yale	7000-783 7000-786 7000-789 9400 up to 1/2" throw 9500 9600 RF & IC versions of all strikes listed above

- HES electric strikes are designed to be installed in accordance with the ANSI/BHMA A156.31 4-7/8" jam preparation. When accommodating a cylindrical lock, the electric strike is to be installed centerline to centerline. When accommodating a mortise lock, the centerline of the electric strike is to be installed 3/8" above the centerline of the mortise lock, except as noted for individual strikes.
- HES electric strikes are all non-handed and designed for installation in hollow metal, concrete filled metal, aluminum and wood jambs.



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