

hes

ASSA ABLOY

2010 CATALOG

HES® ELECTRIC STRIKES

Raising the standards
in access control with
innovative electric strikes
and electromechanical
locking solutions



ASSA ABLOY, the global leader
in door opening solutions

About



HES is an ASSA ABLOY Group company. ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety, and convenience.

At Hanchett Entry Systems, Inc. (HES), we're committed to being the leading provider of electro-mechanical locking solutions and support. For more than 30 years, we've been 'raising the standards' of the industry, developing groundbreaking new solutions like the 8000 concealed electric strike, the windstorm listed 1006 series and the surface mounted 9600.

Above all else, HES believes in meeting the needs of our customers. Our success has been built on listening to you—and delivering products and services to 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!

HES is ISO 9001 certified.

Effective February 1, 2010



Product Changes for 2010

The following products have been changed or discontinued by HES. Should you have any questions, please contact customer support at 800.626.7590.

Product Updates:

1. The 5900 series product will now be known as the 8000 series. See pages 27-28.
2. The 591-595 faceplate options will now be known as 801-805 faceplate options.
3. The 1006 series now features a sleek new keeper and 100% stainless steel cast case.
4. New solutions include the fire-rated 8300 series, the slim-line 9400 series, and the iClass® hybrid electric strikes.
5. All HES electric strikes will come with convenient new pigtails for 12V and 24V wiring, so that you can configure electric strikes and accessories with less time and effort.

Discontinued Products:

HES has discontinued the following accessories:

- 2002-12: AC transformer
 - 2002-24: AC transformer
 - 2003: MOV
 - 2008: Plug-in connectors
 - 2009P: Plug-in LED
 - 501B and 503B faceplate options
- } replaced with the new 2002: Universal AC transformer



Note

630 is the standard finish; all others are considered special finishes and may have a longer lead time. Please call customer support at 800.626.7590 for current lead times on all special finishes.

Table of Contents

HES Electric Strikes

1006 Series	electric strikes faceplate options	P. 3-4 P. 5-10
4500 Series	electric strikes	P. 11-12
5000 Series	electric strikes faceplate options	P. 13-14 P. 17-18
5200 Series	electric strikes faceplate options	P. 15-16 P. 17-18
5900 Series now known as 8000 series	electric strikes faceplate options	P. 27-28 P. 31-32
7000 Series	electric strikes faceplate options	P. 19-20 P. 21
7500 Series	electric strikes faceplate options	P. 23-24 P. 25
8000 Series previously known as 5900 series	electric strikes faceplate options	P. 27-28 P. 31-32
8300 Series	electric strikes faceplate options	P. 29-30 P. 31-32
9400 Series	electric strikes	P. 33-34
9500 Series	electric strikes	P. 35-36
9600 Series	electric strikes	P. 37-38

Hybrid Electric Strikes

RF Series	electric strikes faceplate options	P. 39
IC Series	electric strikes faceplate options	P. 40
HT Series	electric strikes faceplate options	P. 41

Electro-Mechanical & Accessories

660 Electro-Mechanical Lock	P. 43-44
Electrical Accessories	P. 45
Hardware Accessories	P. 46
HES Demo Mounts	P. 47

General Information

Icon Glossary	P. 48
Lock Cross Reference	P. 49-50
Compatibility Chart	P. 51-52
Trademark Usage	P. 53-54
Terms & Conditions	P. 55-56

1006

Series electric strike



shown with J option

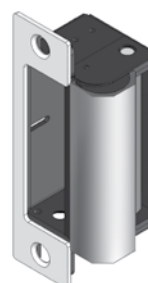


shown with N option

+



=



We offer several types of faceplate options to accommodate your application. Faceplate options sold separately (see pages 5-10).



ANSI A250.13-2003
windstorm resistant



fire rated



UL 1034
burglary listed



field selectable
(12 or 24VDC)



grade 1

The strongest, most versatile electric strike available

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. Recently updated, the 1006 features a sleek new keeper and 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.

Specifications

- UL 10C fire-rated, 3 hour single door (fail secure only)
- UL 10C fire-rated, 1-1/2 hour double door (fail secure only)
- 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
- Patents # 6021038 & 6595564

Frame Application

- Metal
- Wood

Electrical

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

1006 series



cylindrical locksets



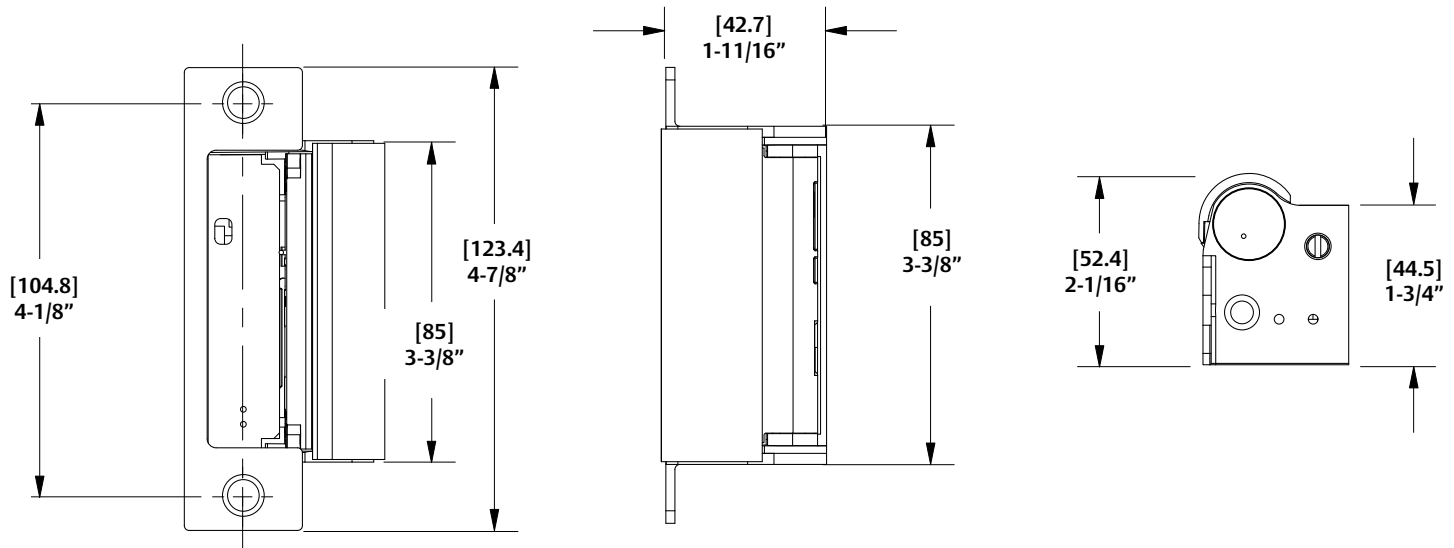
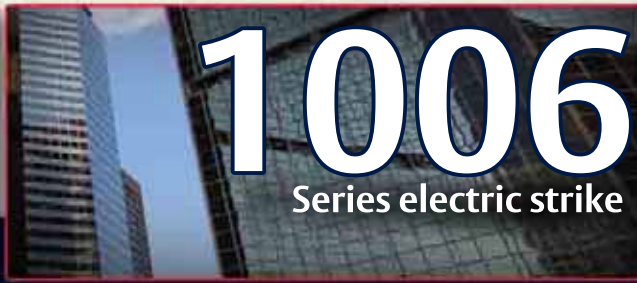
mortise locks
without deadbolts



mortise locks
with deadbolts



specialty
locksets



1006 series

diagram shown with N option

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
- 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 5-10)

Accessories

- 1000-102 Rain guard
- 1006-103 DFM Full keeper shims
- 1000-104 Lip extension trim adapter
- 1006-105 DFM Trim enhancer BLK (goof plate)
- 1006-109 DFM Trim adapter
- 1000-110 Replacement strike plate
- 1000-130 KD filler plate
- 154 - MTK Metal template kit
- 2001M - Plug-in bridge rectifier
- 2004M - ElectroLynx[®] adapter
- 2005M - SMART Pac II[™]
- 2006M - Plug-in buzzer

Finishes

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

1006

Series faceplate options



J Option

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



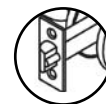
4-7/8" x 1-1/4"

J

For use with:

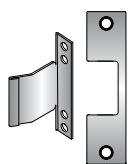
Cylindrical locksets up to 3/4" throw and all locksets with center-lined bolts.
ANSI/BHMA Numbers: #E09321, #E09322, #E09323

type of lock released



specialty E Option

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



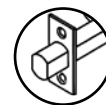
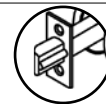
4-7/8" x 1-1/4"

E

For use with:

Corbin/Russwin Security Bolt, Weiserbolt, and normally extended 1" tubular deadbolts.
ANSI/BHMA Numbers: #E09391, #E09392, #E09393

type of lock released



K, KD, KM Options

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



K

For use with:

Mortise locksets with a deadlatch positioned **above** the latchbolt.

Compatible Locksets:

Baldwin, Marks, PDQ, Others

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

type of lock released



KD

For use with:

Mortise locksets with a deadlatch positioned **above** the latchbolt.

Compatible Locksets:

Jackson, Sargent (7700 & 8100), Schlage, Yale (8700)

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

type of lock released



KM

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

type of lock released



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



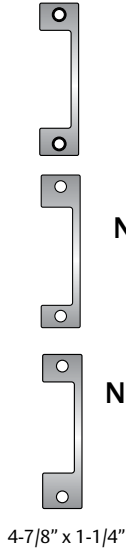
1006

Series faceplate options



N, ND, NM Options

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.



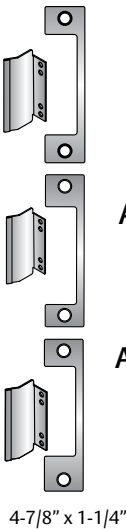
- | | | type of lock released |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| N | <p>For use with:
Mortise locksets where the deadbolt is used for night-latch function only.</p> <p>Compatible Locksets:
Accurate, Arrow, Baldwin, Marks, Omnia, PDQ, Others
ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333</p> | |
| ND | <p>For use with:
Mortise locksets where the deadbolt is used for night-latch function only.</p> <p>Compatible Locksets:
Sargent (7700 & 8100 series), Schlage, Yale (8700)
ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333</p> | |
| NM | <p>For use with:
Mortise locksets with a deadlatch positioned below the latchbolt and where the deadbolt is used for night-latch function only.</p> <p>Compatible Locksets:
Best (45H & 47H, and 34H-37H), Corbin/Russwin, Falcon, Sargent (7800, 8200 & 9200 series)
ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333</p> | |

1006 faceplates



A, AD, AM Options

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.



- | | | type of lock released |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| A | <p>For use with:
Mortise locksets with a normally extended 1" deadbolt without a deadlatch.</p> <p>Compatible Locksets:
Arrow, Baldwin, Marks, Omnia, PDQ, Others
ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333</p> | |
| AD | <p>For use with:
Mortise locksets with a normally extended 1" deadbolt without a deadlatch.</p> <p>Compatible Locksets:
Sargent (7700 & 8100 series), Schlage, Yale (8700)
ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333</p> | |
| AM | <p>For use with:
Mortise locksets with a normally extended 1" deadbolt and a deadlatch positioned below the latchbolt.</p> <p>Compatible Locksets:
Accurate, 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</p> | |

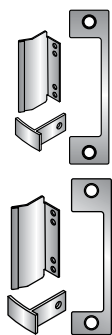
1006

Series faceplate options



T, TD 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.



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

T **For use with:**
Mortise locksets with a normally extended 1" deadbolt and a center-lined deadlatch.
Compatible Locksets:
Accurate, Arrow, Baldwin, Marks, Omnia, PDQ, Others
ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333

type of lock released

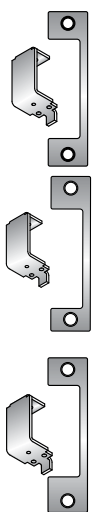


TD **For use with:**
Mortise locksets with a normally extended 1" deadbolt and a center-lined deadlatch.
Compatible Locksets:
Sargent (7700 & 8100 series), Schlage, Yale (8700)
ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333



H, HD, HM Options

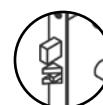
Operation: Lockout feature - the electric strike will not release when the deadbolt is extended. The deadbolt is retracted during traffic hours. The latchbolt is released by the keeper. The keeper returns to the locked position. Not LBM/LBSM compatible.



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

H **For use with:**
Mortise locksets with a 1" deadbolt without a deadlatch. Strike will not release when deadbolt is extended.
Compatible Locksets:
Arrow, Baldwin, Marks, Omnia, PDQ, Others
ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333

type of lock released



HD **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), Schlage, Yale (8700)
ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333



HM **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, 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





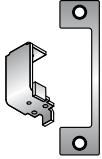
1006

Series faceplate options



HT, HTD Option

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. * For the ASSA model 504, the top latchbolt is released by the keeper. The keeper returns to the locked position. Not LBM/LBSM compatible.



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

HT

For use with:

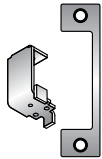
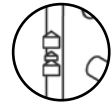
ASSA model 504 mortise lockset with two latchbolts and a center deadlatch. Deadlatch or mortise locksets with a 1" deadbolt and a center-lined deadlatch. Strike will not release when deadbolt is extended.

Compatible Locksets:

ASSA

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

type of lock released



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

HTD

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), Schlage, Yale (8700)

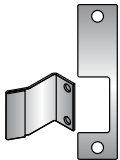
ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333

type of lock released



R Option

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

For use with:

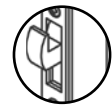
A hookbolt up to 1" throw.

Compatible Locksets:

Adams Rite, Others

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

type of lock released



Z Option

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



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

Z

For use with:

Unit and mono locks.

Compatible Locksets:

Unican, Sargent, Corbin-Russwin

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

type of lock released



1006 faceplates

1006

Series faceplate options



J-2 Option

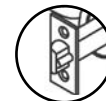
Operation: After releasing the latchbolt, the keeper returns to the locked position.



9" x 1-3/8"

J-2 For use with:
Cylindrical locksets with up to a 3/4" throw, in wood frame applications.
ANSI/BHMA Numbers: #E09321, #E09322, #E09323

type of lock released



K-2 Option

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



9" x 1-3/8"

K-2 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

type of lock released



KM-2 Option

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



9" x 1-3/8"

KM-2 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

type of lock released





1006

Series faceplate options



N-2 Option



9" x 1-3/8"

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.

N-2

For use with:

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

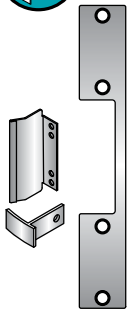
Compatible Locksets:

Accurate, Arrow, Baldwin, Marks, Omnia, PDQ, Schlage, Yale (8700), Others
ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333

type of lock released



T-2 Option



9" x 1-3/8"

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.

T-2

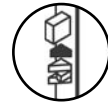
For use with:

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

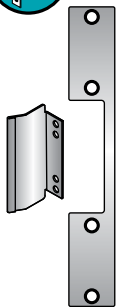
Compatible Locksets:

Accurate, Arrow, Baldwin, Marks, Omnia, PDQ, Schlage, Yale (8700), Others
ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333

type of lock released



A-2 Option



9" x 1-3/8"

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.

A-2

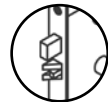
For use with:

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

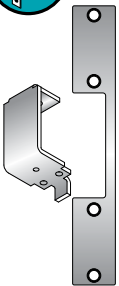
Compatible Locksets:

Accurate, Arrow, Baldwin, Marks, Omnia, PDQ, Schlage, Yale, Others
ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333

type of lock released



H-2 Option



9" x 1-3/8"

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.

H-2

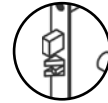
For use with:

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, Schlage, Yale (8700)
ANSI/BHMA Numbers: #E09391, #E09392, #E09393, #E09331, #E09332, #E09333

type of lock released



1006 faceplates

4500

Series electric strike



shown with mortise tab option



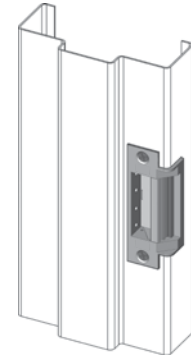
fire rated



field selectable
(12 or 24VDC)



grade 1



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

The versatile, low profile, heavy duty, fire-rated solution

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 horizontal adjustment 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.

Specifications

- UL 10C fire rated, 3 hour (fail secure only)
- CAN4-S104 (ULC-S104) fire door conformant
- WHI fire door listed
- ANSI/BHMA A156.31, Grade 1 (#E09321, #E09322, #E09323)
- NFPA-252 fire door conformant
- ASTM-E152 fire door conformant
- California Fire Marshall listed
- UBC-7-2-94, Uniform Building Code
- Patent # 5,934,720

Frame Application

- Metal
- Wood

Electrical

- .24 Amps @ 12VDC/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. Consult HES customer support regarding use with Best 40 Series.

4500 series

cylindrical locksets
mortise locks
without deadbolts



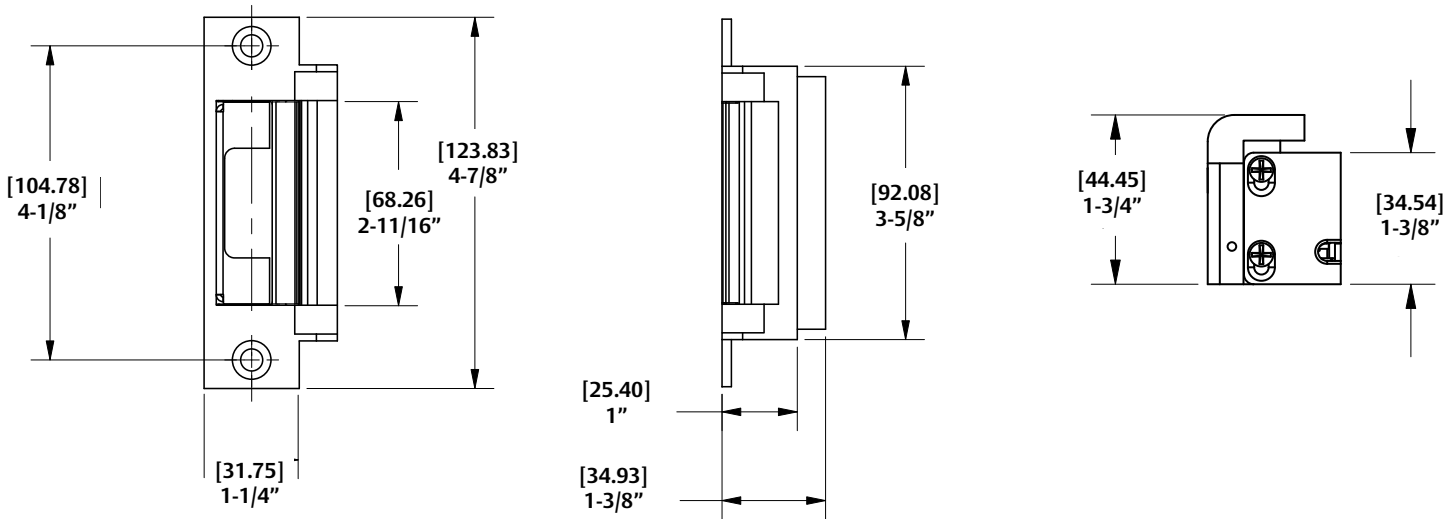
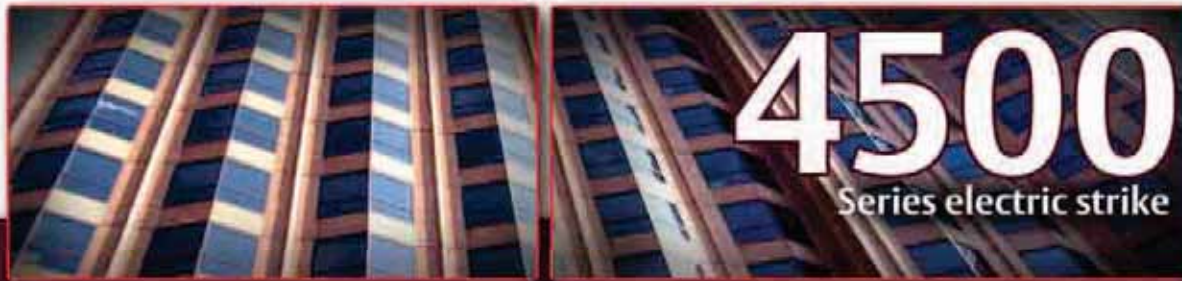


diagram shown with cylindrical tab option

Standard Features

- Stainless steel construction
- Tamper resistant
- Static strength 3,000 lbs.
- Dynamic strength 70 ft-lbs.
- Endurance 500,000 cycles
- Fail secure (standard)
- Dual voltage 12 or 24 VAC/VDC
- Horizontal adjustment
- Multiple tabs included to accommodate a variety of locksets
- Non-handed
- Internally mounted solenoid
- Accommodates up to a 3/4" latchbolt
- Strike body depth 1-3/8"
- Plug-in connector
- Trim enhancer
- Five year limited warranty

Optional Features

- Fail safe
- LBM - Latchbolt monitor
- LBSM - Latchbolt strike monitor
- Extended lip models available (1/2", 1" and 2")

Accessories

- 4500 - 105 Trim Enhancer Blk
- 4500-110 - Replacement strike plate
- 4500 -131 - Filler block - 7/16"
- 154 - MTK Metal template kit
- 2001M - Plug-in bridge rectifier
- 2004M- ElectroLynx® adapter
- 2005M - SMART Pac II™
- 2006PM - Plug-in buzzer

Finishes

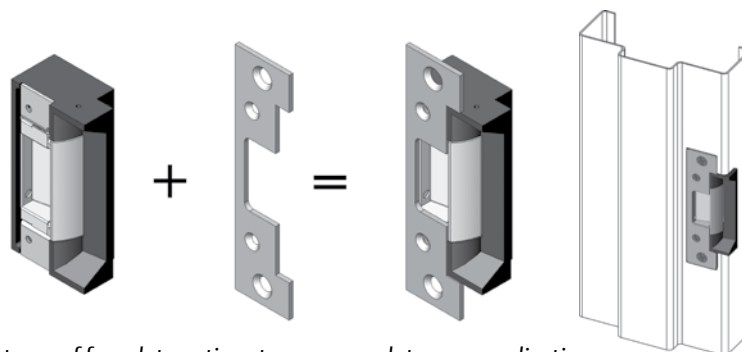
- 630 - Satin stainless steel finish
- 605 - Bright brass finish
- 606 - Satin brass finish
- 612 - Satin bronze finish
- 613 - Bronze toned finish
- 629 - Bright stainless steel finish

5000

Series electric strike



shown with 501 option



We offer several types of faceplate options to accommodate your application. Faceplate options sold separately (see pages 17-18).



UL 1034
burglary listed



field selectable
(fail secure / fail safe)



field selectable
(12 or 24VDC)



grade 1

The grade 1, low profile solution

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.

Specifications

- UL 1034, burglary-resistant listed
- ANSI/BHMA A156.31, Grade 1
- MEA New York City accepted
- Patent # 5,934,720

Frame Application

- Metal
- Wood

Electrical

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

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

cylindrical locksets



specialty locksets





5000

Series electric strike

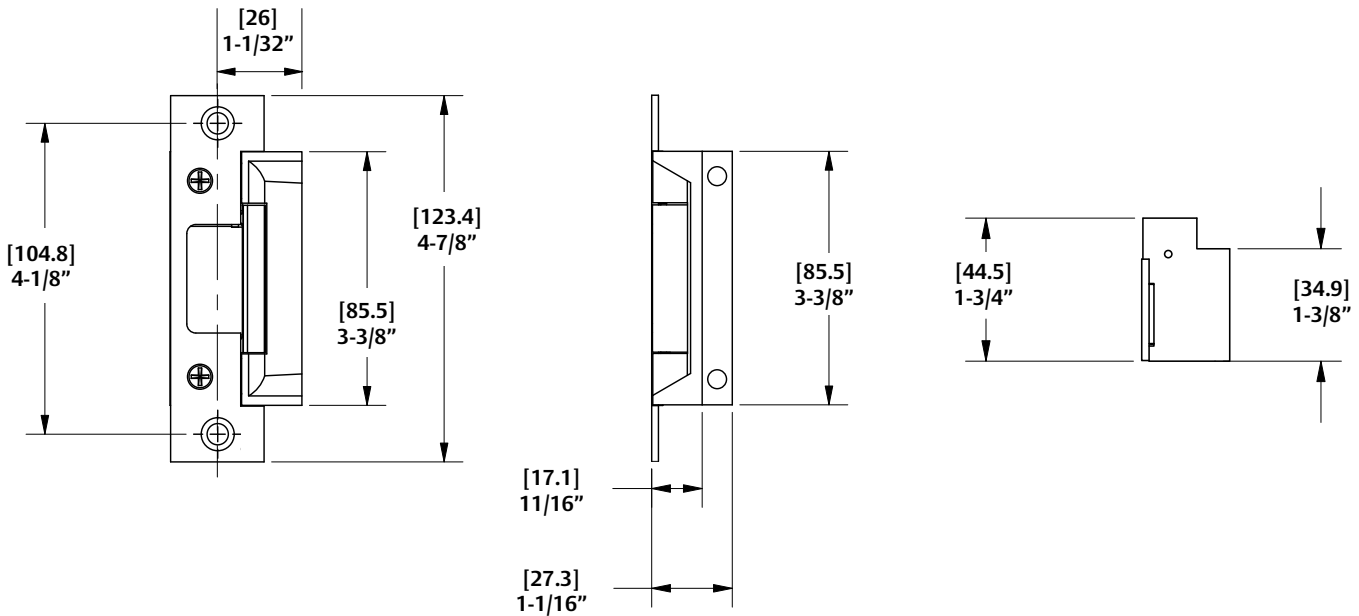


diagram shown with 501 option

5000 series

Optional Features

- LBM - Latchbolt monitor

Accessories

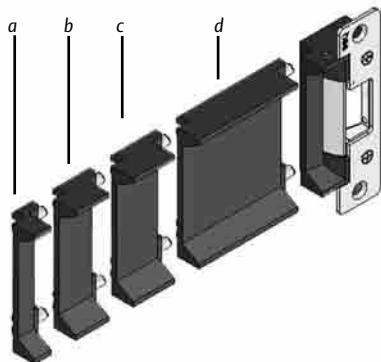
- 154 - MTK Metal template kit
- 2001M - Plug-in bridge rectifier
- 2004M - ElectroLynx® adapter
- 2005M - SMART Pac II™
- 2006M - Plug-in buzzer
- Four “press fit” stackable lip extensions

diagram shown below

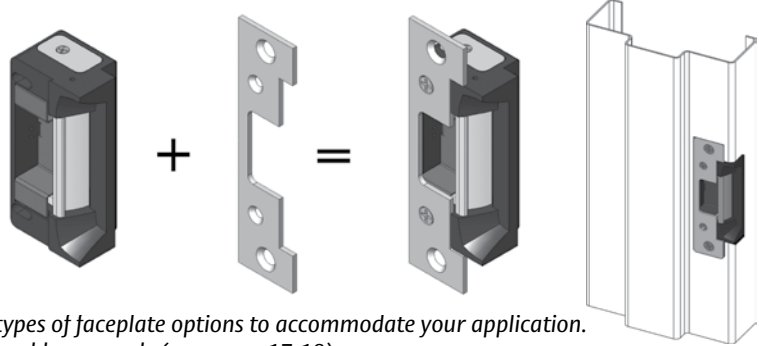
Faceplate Finishes

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

“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
- d: 5104-3: 3" stackable lip extension



We offer several types of faceplate options to accommodate your application. Faceplate options sold separately (see pages 17-18).

shown with 501A option
and LBM monitor



UL 1034
burglary listed



field selectable
(fail secure / fail safe)



field selectable
(12 or 24VDC)



grade 1

The Grade 1 adjustable solution

Designed with the installer in mind, the 5200 series raises the standard in adaptability for electric strikes. Offering features such as an all new innovative approach to in-frame horizontal adjustability, the 5200 electric strike is 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.

Specifications

- UL 1034, burglary-resistant listed
- ANSI/BHMA A156.31, Grade 1
- Patent # 5,934,720

Frame Application

- Metal
- Wood

Electrical

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

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

cylindrical locksets



specialty locksets



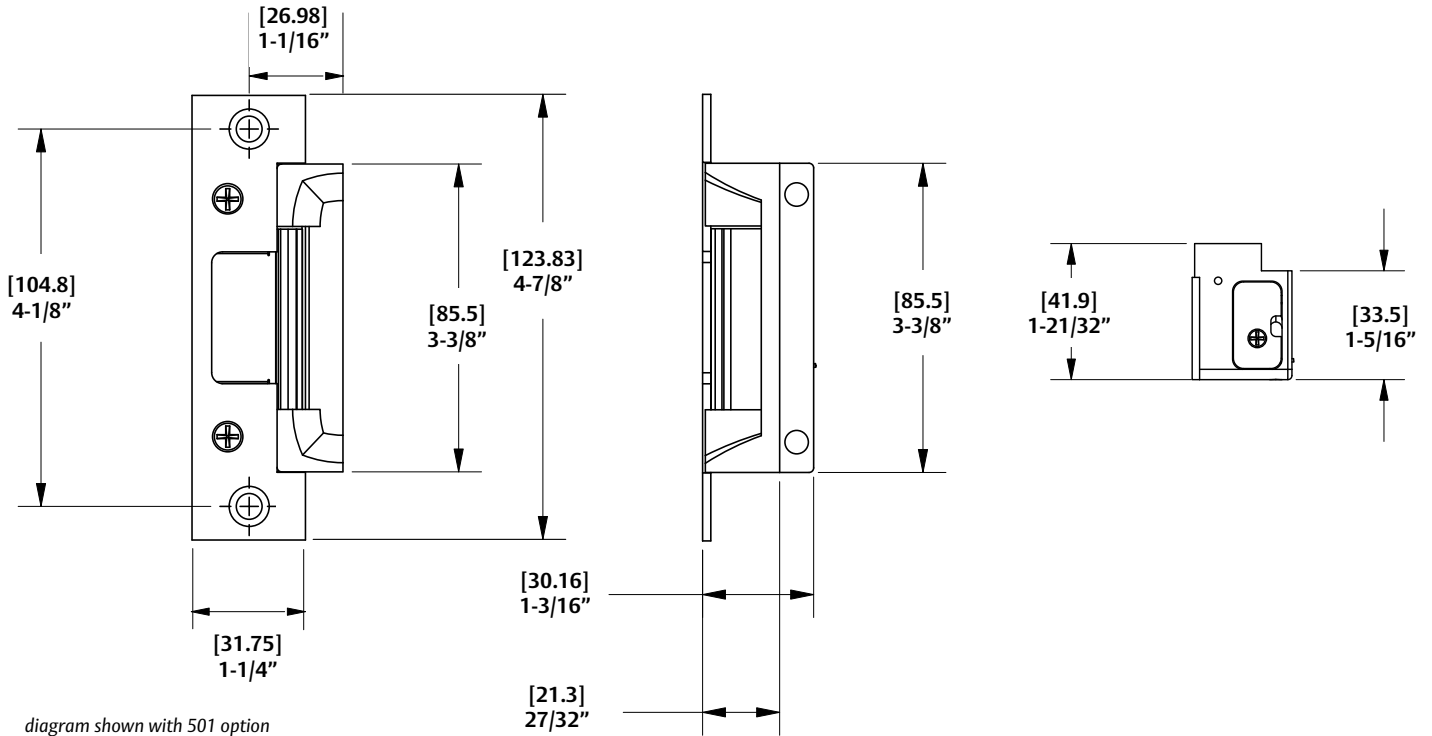


diagram shown with 501 option

5200 series

Optional Features

- LBM - Latchbolt monitor
- LBSM - Latchbolt strike monitor

Accessories

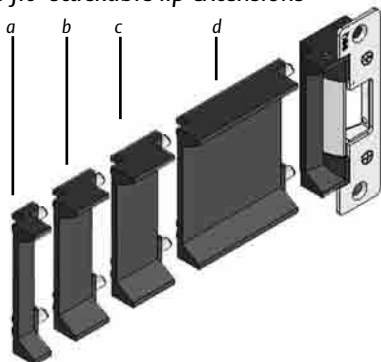
- 5200-500 Filler block for retro-fit applications
- 154 - MTK Metal template kit
- 2001M - Plug-in bridge rectifier
- 2004M - ElectroLynx® adapter
- 2005M - SMART Pac II™
- 2006M - Plug-in buzzer
- Four "press fit" stackable lip extensions

diagram shown below

Faceplate Finishes

- 630 - Satin stainless steel finish
- 605 - Bright brass finish
- 606 - Satin brass finish
- 612 - Satin bronze finish
- 613 - Bronze toned finish
- 629 - Bright stainless steel finish
- 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
- d: 5204-3: 3" stackable lip extension

5000/5200

Series faceplate options



501 Option

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



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

501

For use with:

Cylindrical locksets in ANSI metal jambs.
ANSI/BHMA Numbers: #E09321, #E09322, #E09323

type of locks released



501A Option

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



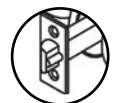
4-7/8" x 1-1/4"
radius corners
& flat faceplate

501A

For use with:

Cylindrical locksets. Includes universal mounting tabs. Aluminum frames.
ANSI/BHMA Numbers: #E09321, #E09322, #E09323

type of locks released



502 Option

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



7-15/16" x 1-7/16"

502

For use with:

Cylindrical locksets. Includes universal mounting tabs. Aluminum frames.
ANSI/BHMA Numbers: #E09321, #E09322, #E09323

type of locks released





5000/5200

Series faceplate options



503 Option

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



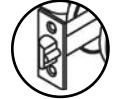
6-7/8" x 1-1/4"
radius corners
& flat faceplate

503

For use with:

Cylindrical locksets. Includes universal mounting tabs.
ANSI/BHMA Numbers: #E09321, #E09322, #E09323

type of locks released



504 Option

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



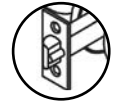
10" x 1-3/8"
radius corners
& flat faceplate

504

For use with:

Cylindrical locksets. Four point mounting for wood installations.
ANSI/BHMA Numbers: #E09321, #E09322, #E09323

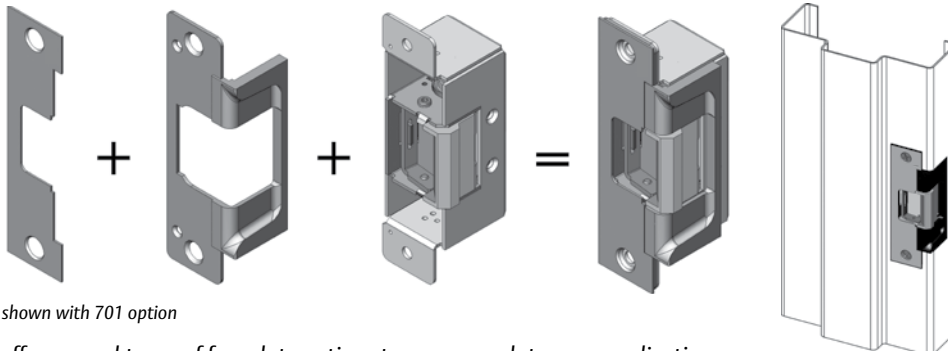
type of locks released



5000/5200 faceplates

7000

Series electric strike



shown with 701 option

We offer several types of faceplate options to accommodate your application. Faceplate options sold separately (see page 21).

shown with 702 option



UL 1034
burglary listed



field selectable
(fail secure / fail safe)



ANSI
grade 2

The pre-load solution

The 7000 series features hardened stainless steel locking cams. With a modular design to accommodate both cylindrical and rim exit locksets, the 7000 series will accommodate various types of latchbolts from 5/8" to 3/4" throw. The unique design of the keeper module allows the unit to operate under excessive door loading. The heavy-duty construction of the 7000 electric strikes makes them ideal for high usage applications.

Specifications

- UL 1034, burglary-resistant listed
- ANSI/BHMA A156.31, Grade 2
- MEA New York City accepted
- Patent # 5,484,180

Frame Application

- Metal
- Wood

Electrical

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

Standard Features

- Stainless steel construction
- Tamper resistant
- Static strength 1,000 lbs.
- Dynamic strength 50 ft-lbs.
- Endurance 500,000 cycles
- Field selectable fail secure/fail safe
- Accommodates pre-load (fail secure only)
- Horizontal adjustment (783S, 786S and 789S options)
- Non-handed
- Internally mounted solenoid
- Strike body depth 1-11/16"
- Plug-in connector
- Trim enhancer (701 and 702 options)
- Pocket adapter (786S and 789S options)
- Three year limited warranty

cylindrical locksets



rim exit devices



7000 series

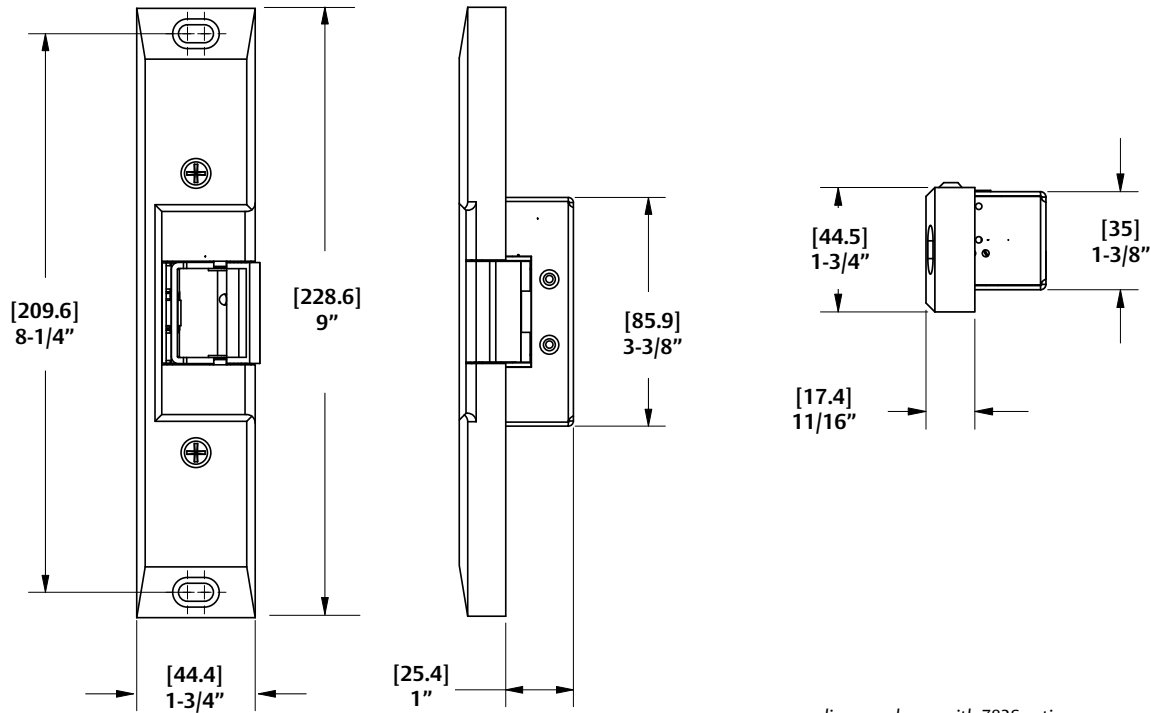
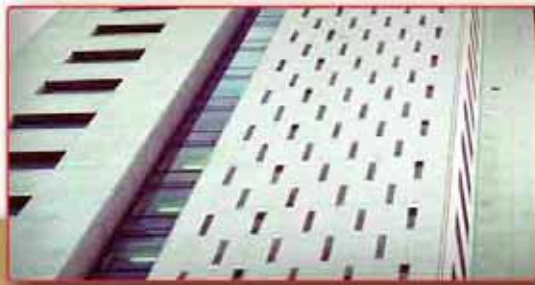


diagram shown with 783S option

7000 series

Optional Features

- LBM - Latchbolt monitor

Accessories

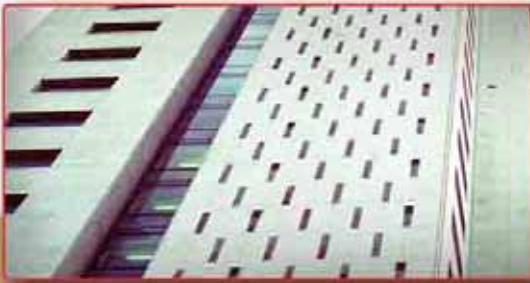
- SMB - Surface mounting box (783S and 789S options)
- 7000-104 - Lip extension trim adapter (701 and 702 options only)
- 7000-105 - Trim enhancer (goof plate) (701 and 702 options only)
- 7000-106 - Keeper pocket adapter (783S and 789S options only)
- 7000-107 - Full keeper shim pack
- 7000-108 - 1/8" spacer plate (783S and 789S options, black finish only)
- 7000-110 - Replacement strike plate (701 option only)
- 154 - MTK Metal template kit
- 2001M - Plug-in bridge rectifier
- 2004M - ElectroLynx® adapter
- 2005M - SMART Pac II™
- 2006M - Plug-in buzzer

Faceplate Finishes (701 and 702 options only)

- 630 - Satin stainless steel finish
- 605 - Bright brass finish
- 606 - Satin brass finish
- 612 - Satin bronze finish
- 613C - Brown nylon powder coated finish
- 629 - Bright stainless steel finish
- BLK - Black finish

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

- 613C - Brown nylon powder coated finish
- 626 - Brushed chrome finish



7000

Series faceplate options



7000 series



701 Option

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



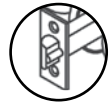
4-7/8" x 1-1/4"

701

For use with:

Cylindrical locksets up to 5/8" throw.
ANSI/BHMA Numbers: #E09322, #E09323

type of lock released



702 Option

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



7-15/16" x 1-7/16"

702

For use with:

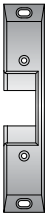
Cylindrical locksets up to 5/8" throw.
ANSI/BHMA Numbers: #E09322, #E09323

type of lock released



783S Option

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



9" x 1-3/4" x 11/16"

783S

For use with:

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

Compatible Locksets:

American Device, Arrow, Doramatic, Monarch, Precision, Sargent, Von Duprin, Yale
ANSI/BHMA Numbers: #E09312, #E09313

type of lock released



786S Option

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



6-1/2" x 1-3/4" x 1/2"

786S

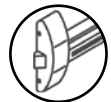
For use with:

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, Doramatic, Jackson, Monarch, Precision, Sargent, Von Duprin, Yale
ANSI/BHMA Numbers: #E09312, #E09313

type of lock released



789S Option

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



9" x 1-3/4" x 1/2"

789S

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, Doramatic, Jackson, Monarch, Precision, Sargent, Von Duprin, Yale
ANSI/BHMA Numbers: #E09312, #E09313

type of lock released



Technical Tip

Easier wiring for 12V or 24V on every HES product

Experience easier wiring and voltage conversion at every install! The new HES wiring solution provides convenient new pigtails for 12V and 24V wiring—so that you can configure electric strikes and accessories with less time and effort.

- Both 12V & 24V pigtails included with every dual voltage product, eliminating the need to cut and splice
- Snap-in connections for single voltage electric strikes
- Plug-in micro-fit connectors mate with ease
- Pre-stripped wire-ends connect quickly
- A new standard in all strike series



Shown with 1006

Tech tip

Updated accessories to enhance your success

Want to add value to the opening? Updated HES accessories offer additional functionality—and easier wiring with new micro-fit connectors to match your electric strike. Updated accessories include:

- 2001M: Plug-in bridge rectifier
- 2004M: Electrolynx® adapter
- 2005M: Smart Pac II™
- 2006M: Plug-in buzzer
- 2007M: Plug-in pigtail connectors



Model 2006M

If you have any questions about the new wiring, please contact customer support at 800.626.7590

7500

Series electric strike



model 7501 shown



fire rated



UL 1034
burglary listed



field selectable
(fail secure / fail safe)



grade 1



The Grade 1, fire-rated pre-load solution

The 7500 series electric strike is ideal for fire-rated applications with pre-load conditions which may be 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.

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
- UBC-7-2-94, Uniform Building Code
- Patent # 5,484,180

Frame Application

- Metal
- Wood

Electrical

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

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

NOTE: Order as a complete unit. See page 25 for models.

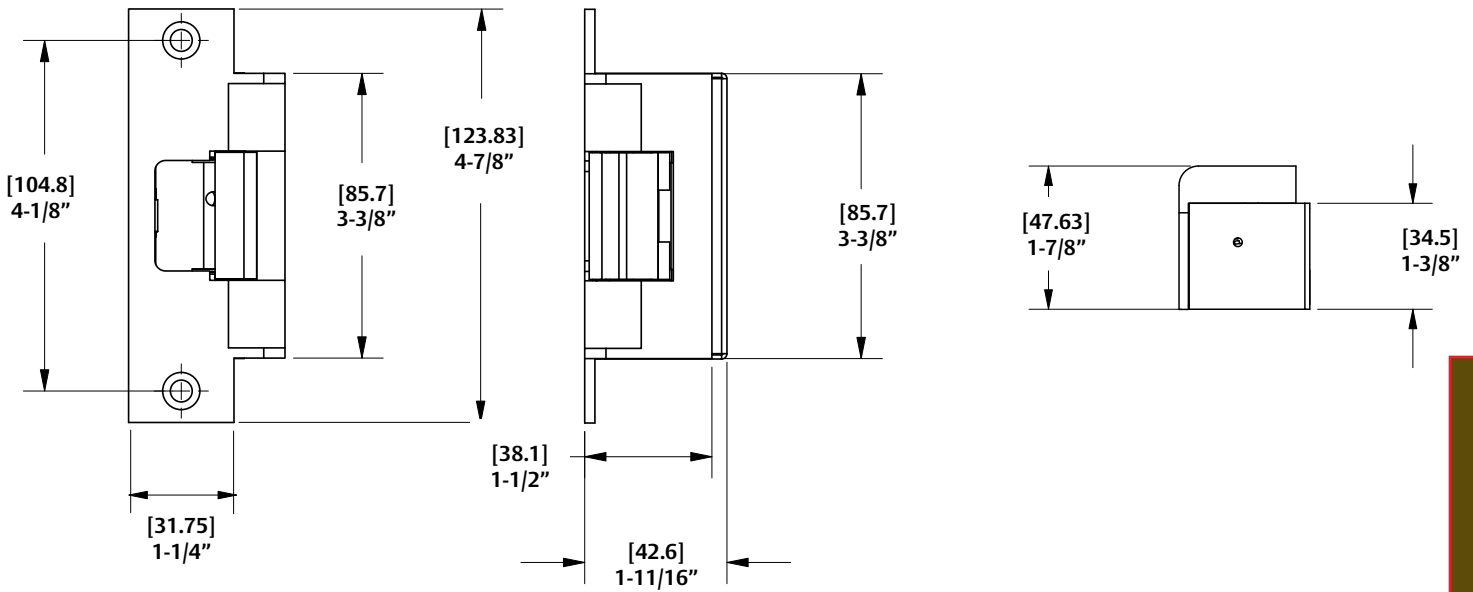




7500

Series electric strike

hes
ASSA ABLOY



model 7501 shown

Optional Features

- LBM - Latchbolt monitor

Accessories

- 154 - MTK Metal template kit
- 2001M - Plug-in bridge rectifier
- 2004M - ElectroLynx® adapter
- 2005M - SMART Pac II™
- 2006M - Plug-in buzzer

Finishes

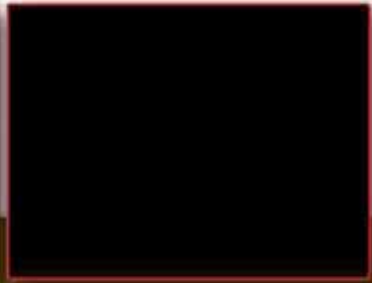
- 630 - Satin stainless steel finish
- 605 - Bright brass finish
- 606 - Satin brass finish
- 612 - Satin bronze finish
- 613 - Bronze toned finish
- 629 - Bright stainless steel finish

7500 series



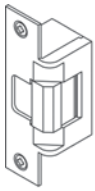
7500

Series electric strike models



7501 Model

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



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

7501

For use with:

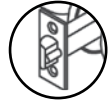
Cylindrical locksets with up to a 3/4" throw.

Compatible Locksets:

Accurate, Adams Rite, Arrow, Baldwin, Best, Corbin/Ruswin, Dexter, Dominion, Guard, Falcon, Harloc, Kwikset, Lockwood, Lori, LSDA, Marks, National, Omnia, PDQ, Parker, Ruswin, Sargent, Schlage, Taco, Unican, Weiser, Weslock, Yale

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

type of lock released



7500 series



7505 Model

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



9" x 1-3/8" x 1-11/16"

7505

For use with:

Cylindrical locksets with up to a 3/4" throw for wood frame applications.

Compatible Locksets:

Accurate, Adams Rite, Arrow, Baldwin, Best, Corbin/Ruswin, Dexter, Dominion, Guard, Falcon, Harloc, Kwikset, Lockwood, Lori, LSDA, Marks, National, Omnia, PDQ, Parker, Ruswin, Sargent, Schlage, Taco, Unican, Weiser, Weslock, Yale

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

type of lock released



Technical Tip

Make installation a snap with ElectroLynx®

Introducing ElectroLynx, a wiring system of universal plug-in connectors and standardized, color-coded wiring that makes installation a snap. Now, door and hardware components, including the frame, hinge, door, and locking hardware, can be pre-wired with plug-in connectors that snap together to create a fully-wired electrical opening. The plugs and wiring are concealed to preserve the aesthetics of the opening and facilitate any future hardware changes.



Model 2004M

Complete System

- Create complete electrified opening solutions, using ElectroLynx products from leading brands like Ceco Door®, Corbin Russwin®, Curries®, Folger Adam®, Graham®, HES®, McKinney®, Rixson®, Sargent® and Yale®

Convenience and Consistency

- Uses standardized micro-fit connectors
- Features uniform wire colors

Savings and Confidence

- Eliminate guesswork and confusing wiring diagrams
- Reduce your installation time—and know wiring is done right

Quality Electric Strikes

- All HES and Folger Adam electric strikes can be used with ElectroLynx systems—simply order the 2004M: ElectroLynx adapter accessory

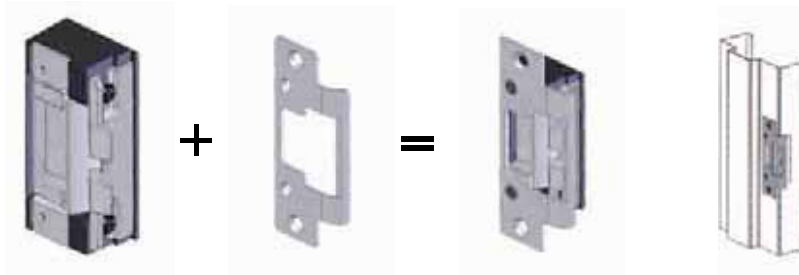
To learn more about other ElectroLynx products, visit www.assaabloydss.com.



Previously sold as 5900 Series



shown with 801 option



We offer several types of faceplate options to accommodate your application. Faceplate options sold separately (see pages 31-32).



UL 1034
burglary listed



field selectable
(12 or 24VDC)



grade 1



field selectable
(fail secure / fail safe)

The concealed electric strike solution

The 8000 series is a compact, high performance electric strike featuring a unique concealed design for increased security. There is no cutting on the frame and vertical adjustability accommodates door sag and misalignment. Based on the 5000 series, the 8000 is unmatched for ease of installation and performance.

Specifications

- UL 1034, burglary-resistant listed
- ANSI/BHMA A156.31, Grade 1
- Patent # 5,934,720 and patent pending

Frame Application

- Metal
- Wood

Electrical

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

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" latchbolt (5/8" with 1/8" door gap)
- Strike body depth 1-1/16"
- NEW! Strike body width decreased to 1-7/16" to increase frame compatibility
- Five year limited warranty

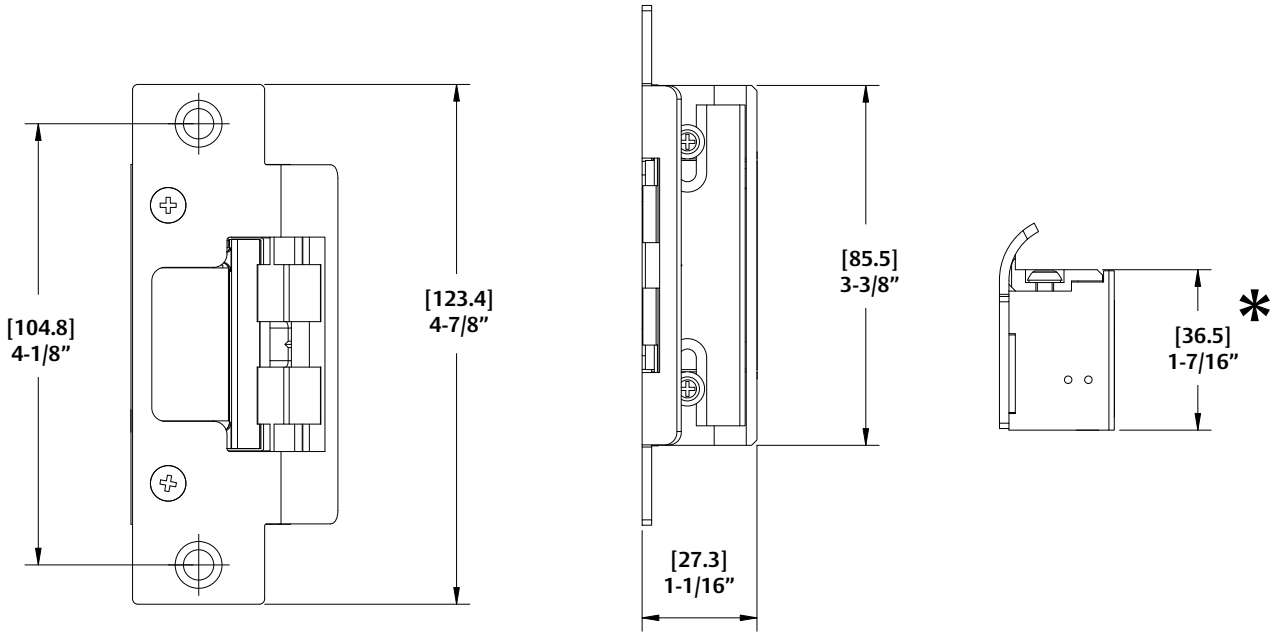




8000

Series electric strike

hes
ASSA ABLOY



8000 series

diagram shown with 801 option

Optional Features

- LBM - Latchbolt monitor

Accessories

- 2001M - Plug-in bridge rectifier
- 2004M - ElectroLynx® adapter
- 2005M - SMART Pac II™
- 2006M - Plug-in buzzer

Faceplate Finishes

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

*Note: The change in model number from 5900 to 8000 highlights the increased compatibility of this premium line. Updated to ensure frame clearance in an even greater selection of frames, this product now fits within an ANSI frame prep set at all hinge and door spacings per SDI-129-04 with no frame interference.

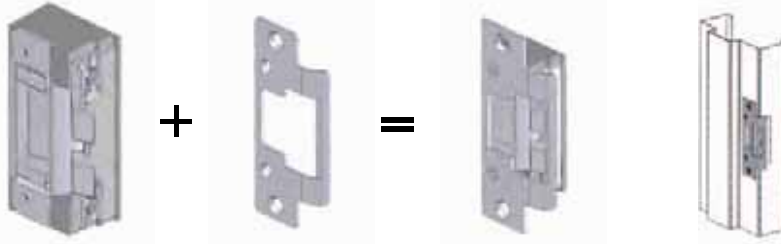
Previously sold
as 5900 Series*

8300

Series electric strike



shown with 801 option



We offer several types of faceplate options to accommodate your application. Faceplate options sold separately (see pages 31-32).



fire rated



UL 1034
burglary listed



field selectable
(12 or 24VDC)



grade 1



field selectable
(fail secure / fail safe)

The fire-rated, concealed electric strike solution

Introducing the fire-rated, concealed 8300 series, a compact, high-performance product that complies with NFPA 80-07 guidelines for retrofit into fire-rated frames. 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, and offers vertical adjustability to accommodate 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!

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
- UBC-7-2-94, Uniform Building Code
- Patent # 5,934,720 and patent pending

Frame Application

- Metal
- Wood

Electrical

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



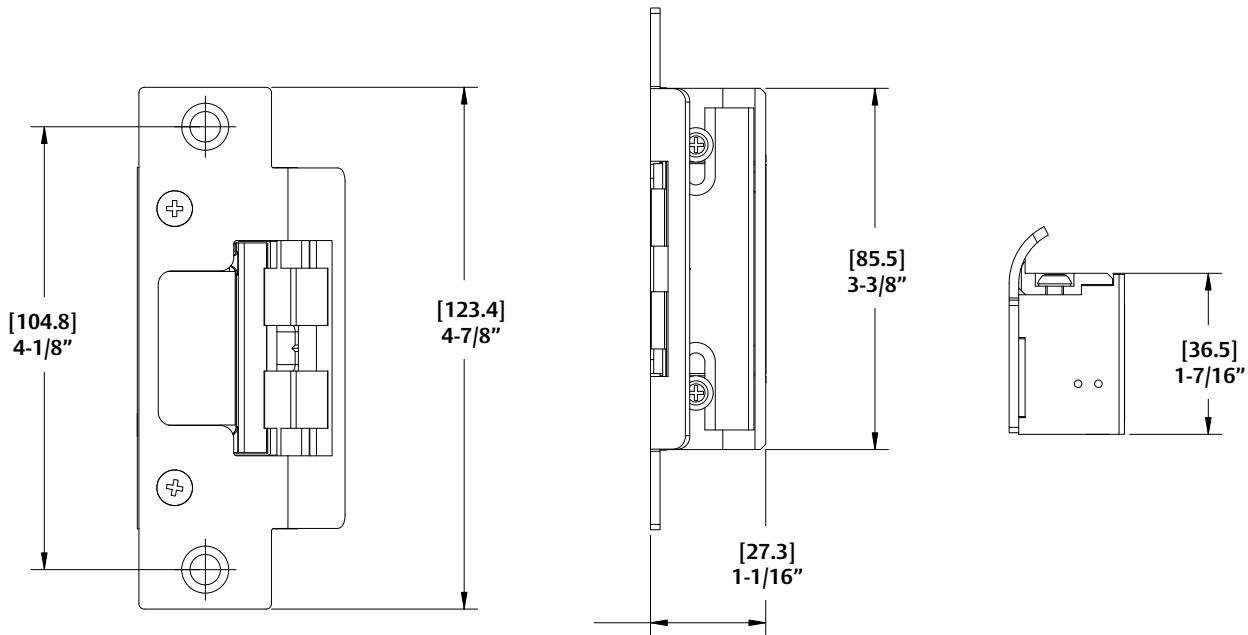


8300

Series electric strike



hes
ASSA ABLOY



8300 series

diagram shown with 801 option

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" 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
- 2005M - SMART Pac II™
- 2006M - Plug-in buzzer

Faceplate Finishes

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



8000/8300

Series faceplate options

Previously known as 591-595 faceplate options



801 Option

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

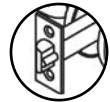


4-7/8" x 1-1/4"

801 For use with:

Cylindrical locksets in ANSI metal jambs. For use with latchbolts up to 5/8" throw.
ANSI/BHMA Numbers: #E05031, #E09321, #E09322, #E09323

type of lock released



801A Option

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

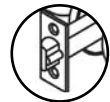


4-7/8" x 1-1/4"
radius corners
& flat faceplate

801A For use with:

Cylindrical locksets. For use with latchbolts up to 5/8" throw. Includes universal mounting tabs. Aluminum frames.
ANSI/BHMA Numbers: #E05031, #E09321, #E09322, #E09323

type of lock released



802 Option

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

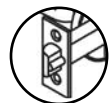


7-15/16" x 1-7/16"

802 For use with:

Cylindrical locksets. For use with latchbolts up to 5/8" throw. Includes universal mounting tabs. Aluminum frames.
ANSI/BHMA Numbers: #E05031, #E09321, #E09322, #E09323

type of lock released





8000/8300

Series faceplate options

Previously known as 591-595 faceplate options



803 Option

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



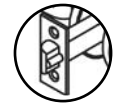
6-7/8" x 1-1/4"
radius corners
& flat faceplate

803 For use with:

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

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

type of lock released



805 Option

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



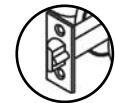
9" x 1-3/8"
radius corners
& flat faceplate

805 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

type of lock released



8000/8300 faceplates



9400 Genesis III™



UL 1034
burglary listed



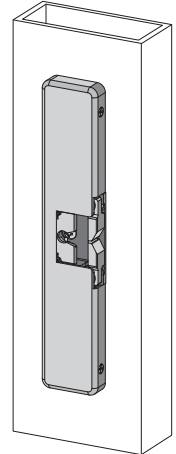
field selectable
(fail secure / fail safe)



field selectable
(12 or 24VDC)



grade 1



The slim-line, completely surface mounted solution

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.

Specifications

- UL1034 burglary-resistant rated
- ANSI/BHMA, A156.31 Grade 1 (#E09371, #E09372, #E09373)
- Patent # 6,390,520 & patent pending

Frame application

- Metal
- Wood

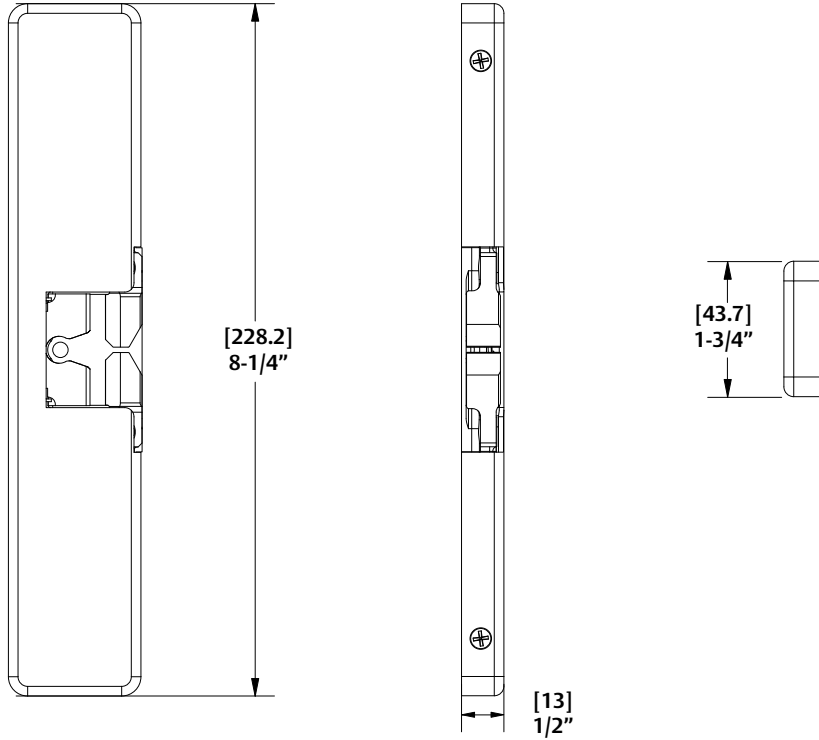
Electrical

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

Standard Features

- Completely surface mounted
- 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





9400 series

Optional Features

- LBM - Latchbolt monitor
- LBSM - Latchbolt strike monitor

Accessories

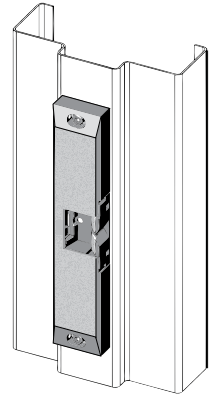
- 9500/9600-108 - Spacer plate
- SMB - Surface mounting box
- 2001M - Plug-in bridge rectifier
- 2004M - ElectroLynx® adapter
- 2005M - SMART Pac II™
- 2006M - Plug-in buzzer

Finishes

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



9500 Genesis III™



fire rated



UL 1034
burglary listed



field selectable
(fail secure / fail safe)



field selectable
(12 or 24VDC)



grade 1

9500 series

The completely surface mounted, fire-rated solution

Updated and enhanced for 2010, the 9500 series is completely surface mounted, featuring all components 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 to either fail secure or fail safe operation and can be operated with either 12 or 24 Volts DC. The 9500 Genesis III™ is the perfect solution for fire-rated, rim exit applications.

Specifications

- UL 10C fire-rated, 1-1/2 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
- UBC-7-2-94, Uniform Building Code
- Patent # 6,390,520

Frame application

- Metal
- Wood

Electrical

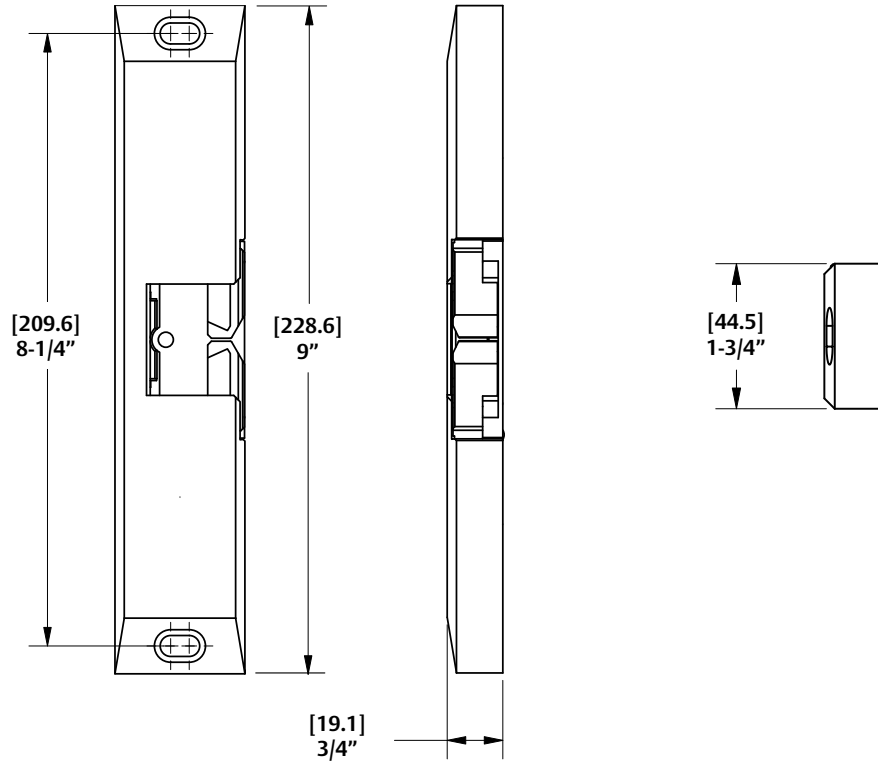
- .45 Amps @ 12VDC continuous duty
- .25 Amps @ 24VDC continuous duty

Standard Features

- Completely surface mounted
- 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 3/4" pullman latch
- Five year limited warranty

rim exit devices





9500 series

Optional Features

- LBM - Latchbolt monitor
- LBSM - Latchbolt strike monitor

Accessories

- 9500/9600-108 - Spacer plate
- SMB - Surface mounting box
- 2001M - Plug-in bridge rectifier
- 2004M - ElectroLynx® adapter
- 2005M - SMART Pac II™
- 2006M - Plug-in buzzer

Finishes

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

9600

Series electric strike



9600 Genesis III™



UL 1034
burglary listed



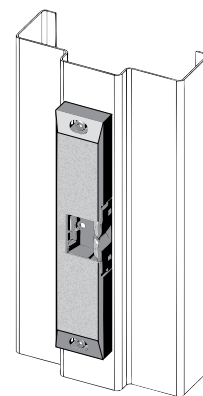
field selectable
(fail secure / fail safe)



field selectable
(12 or 24VDC)



grade 1



The original completely surface mounted solution - updated!

With a new enhanced design, the 9600 series Genesis III™ continues to set the standard for surface mounted electric strikes. The 9600 accommodates rim exit devices in metal or wood jams. 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 prior to installation.

Specifications

- UL1034 burglary-resistant listed
- ANSI/BHMA, A156.31 Grade 1 (#E09731, #E09732)
- Patent # 6,390,520

Frame application

- Metal
- Wood

Electrical

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

Standard Features

- Completely surface mounted
- 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 3/4" pullman latch
- Five year limited warranty

rim exit devices

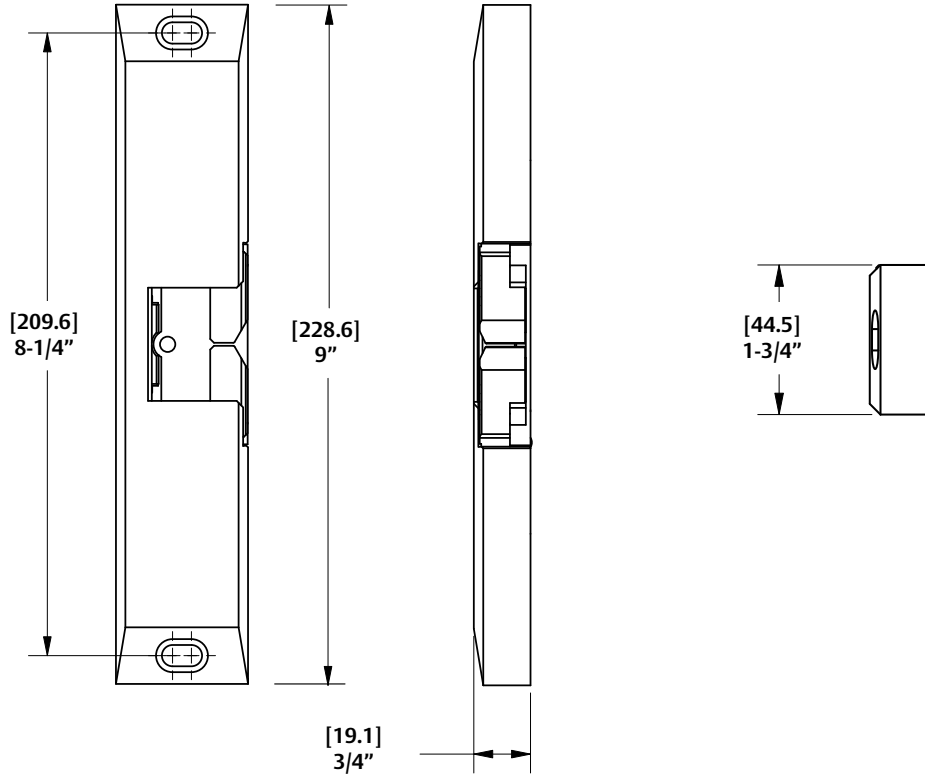




9600

Series electric strike

hes
ASSA ABLOY



9600 series

Optional Features

- LBM - Latchbolt monitor
- LBSM - Latchbolt strike monitor

Accessories

- 9500/9600 108 - Spacer plate
- SMB - Surface mounting box
- 2001M - Plug-in bridge rectifier
- 2004M - ElectroLynx® adapter
- 2005M - SMART Pac II™
- 2006M - Plug-in buzzer

Finishes

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

INTEGRATED PROX

Hybrid electric strikes



Model RF5010-IA shown



Model RF8010-EA shown

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 an HID® Prox reader with the physical security of a Grade 1 electric strike, the HES RF-Hybrid products encompass everything in the frame for easier installation and more pleasing design. Engineered to work with any Weigand-compatible controller, these versatile units offer either internal or external antennas to accommodate a variety of applications.

Available Models

- RF5010-IA: Internal antenna
- RF5010-EA: External antenna
- RF5210-IA: Internal antenna
- RF5210-EA: External antenna
- RF8010-EA: External antenna
- RF8310-EA: External antenna

To learn more about the HES Hybrid Series, please visit www.hesinnovations.com





Model IC 5220-EA shown



Model IC 8320-EA shown

Powerful access control in a user-friendly unit

Integrated iCLASS

Introducing the first-ever electric strikes with integrated iClass® readers. Built on the popular 5000 and 8000 platforms, each of the HES IC-Hybrid Series combines a Grade 1 electric strike with an HID® 13.56 MHz card reader, latchbolt monitor, and door position switch. Optimized to make access control more powerful, 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 faster installation and superior aesthetics. Designed to work with your existing Weigand-compatible controller, these new iClass hybrid electric strikes deliver more powerful access control in a uniquely user-friendly unit.

Available Models

- IC5020-EA: External antenna
- IC5220-EA: External antenna
- IC8020-EA: External antenna
- IC8320-EA: External antenna

To learn more about the HES Hybrid Series, please visit www.hesinnovations.com



cylindrical locksets

HI-O TECHNOLOGY

Hybrid electric strikes



Model HT5000 shown



HI-O TECHNOLOGY™

To be Installed by
ASSA ABLOY
CERTIFIED
INTEGRATOR



Sold through
ASSA ABLOY
AUTHORIZED
CHANNEL
PARTNER



UL 1034
burglary listed



grade 1



Model HT1006 shown

The smartest, most versatile electric strikes available

Now 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

To learn more about the HES Hybrid Series, please visit www.hesinnovations.com

HI-O Technology



cylindrical locksets



mortise locks
without deadbolts



mortise locks
with deadbolts



specialty
locksets

Technical Tip



What is Hi-O™ Technology?



Hi-O TECHNOLOGY™

Now you can get Hi-O™ (Highly Intelligent Opening) Technology embedded into electronic door components like the HT1006 hybrid electric strike. By building intelligence into the opening, installation and configuration are easy and the opening can self-monitor and communicate its health.

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

- HES: HT1006 and HT5000 (Electric Strikes)
- HID: HT R40 (iClass Reader)
- Norton: HT6900 (Low Energy Automatic Door Operator)
- Sargent: HT-56-8810F x 32D (Electric Latch Retraction Exit Device) and HT-4396HP (Handicap Push Plate)
- Securitron: HT-PB2 (REX Button) and HTPB2E (REX Buttons)
- Securitron: Hi-O Translator



660

Electro-mechanical lock



The strongest surface mounted, multi-purpose locking solution

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.

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

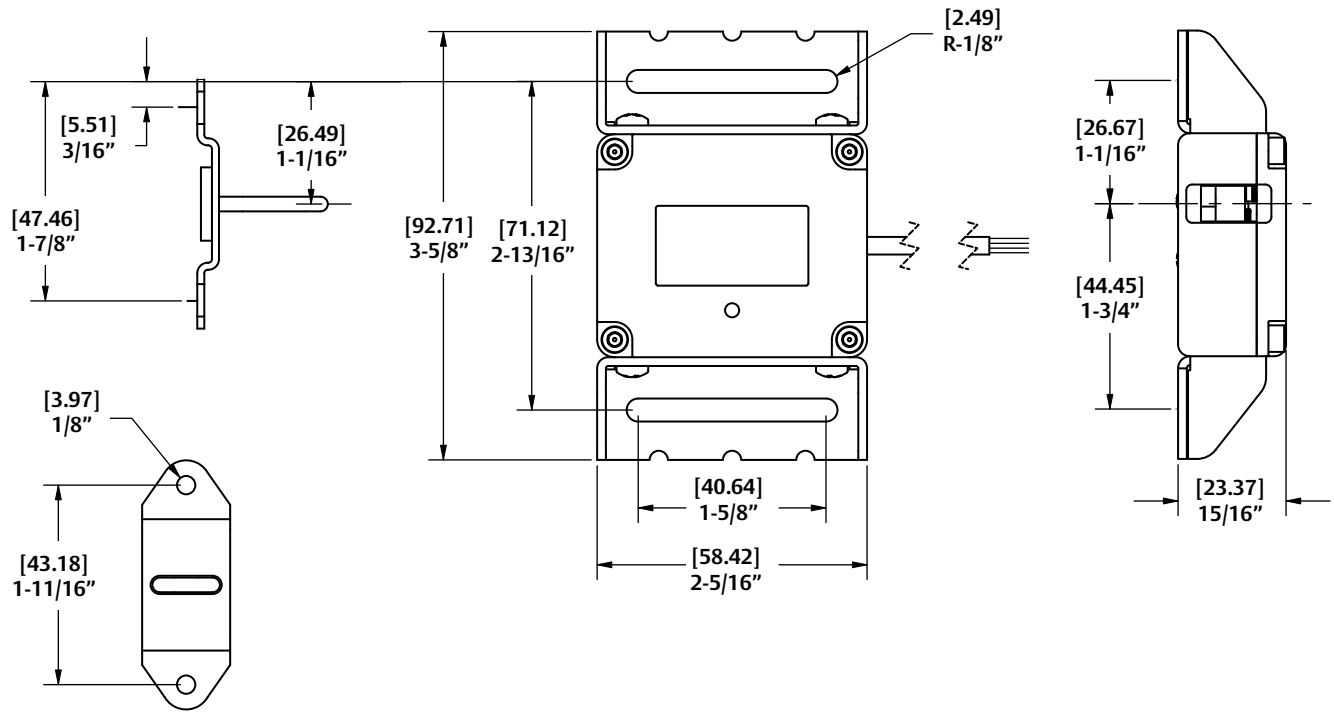
Electrical

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



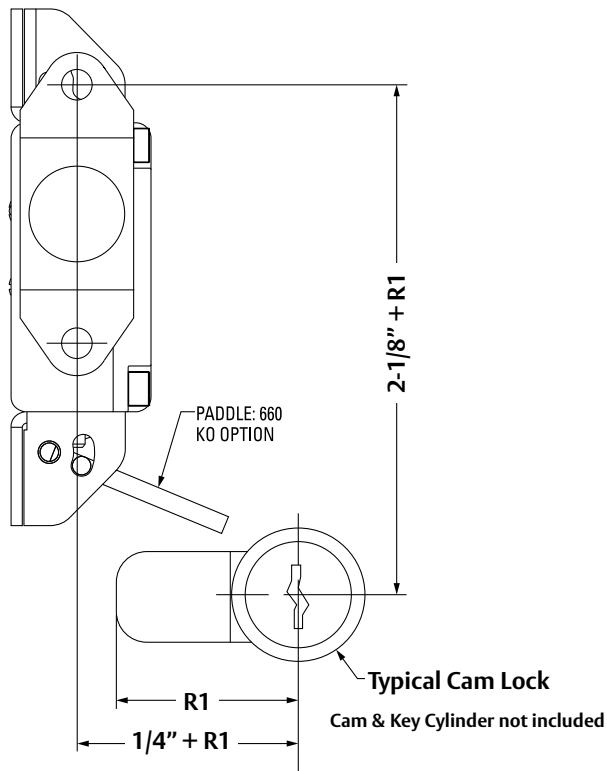
660

Electro-mechanical lock











660 series

660 Key Override Option:



Accessories



Electrical Accessories

item	accessory	description
	2001M: Plug-in bridge rectifier	Converts AC to DC. 35 V, 1 Amp includes MOV and self-resettable fuse
	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. 5V, 0.2 Amp max
	2004M: ElectroLynx® Adapter	Adapter between existing HES electric strikes and ElectroLynx® connectors
	2005M: SMART Pac II™	In-line power control able to receive input voltages from 12-32V AC or DC. Built-in bridge rectifier provides 12 or 24VDC output. Under continuous duty the output VDC is reduced by 25% to extend the life of the electric strike. Includes in-line fuse, MOV, and 2-8 second adjustable timer
	2006M: Plug-in buzzer	Audible operation indicator
	2007M: Plug-in pigtail connectors	With 4" wire leads

NOTE: Updated accessories (ending in 'M') offer easier wiring with new micro-fit connectors.

Accessories

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 (626 finish only)
	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), 9500 and 9600 Series (black finish only)
	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



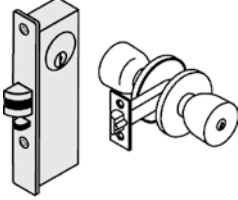
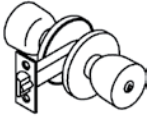

HES Demo Mounts

item	description
Demo Mount	1006 without strike
Demo Mount	1006 with strike
Demo Mount	4500 without strike
Demo Mount	4500 with strike
Demo Mount	5000 without strike
Demo Mount	5000 with strike
Demo Mount	5200 without strike
Demo Mount	5200 with strike
Demo Mount	7000 without strike
Demo Mount	7000 with strike
Demo Mount	7500 without strike
Demo Mount	7500 with strike
Demo Mount	8000 without strike
Demo Mount	8000 with strike
Demo Mount	8300 without strike
Demo Mount	8300 with strike
Demo Mount	RF5010-IA (internal antenna) with strike
Demo Mount	RF5010-EA (external antenna) with strike
Demo Mount	RF5210-IA (internal antenna) with strike
Demo Mount	RF5210-EA (external antenna) with strike
Demo Mount	RF8010-EA (external antenna) with strike
Demo Mount	RF8310-EA (external antenna) with strike
Demo Mount	IC5020-EA (external antenna) with strike
Demo Mount	IC5220-EA (external antenna) with strike
Demo Mount	IC8020-EA (external antenna) with strike
Demo Mount	IC8320-EA (external antenna) with strike

Icon Glossary

icon	description
 <p>ANSI A250.13-2003 windstorm resistant</p>	<p>ANSI A250.13-2003 Windstorm Resistant - Rating by the American National Standards Institute. Rates strength of product to withstand impact from flying objects with force of over 3,000 lbs. static force and 350 ft. lbs. impact force.</p>
 <p>fire rated</p>	<p>Fire Rated - Covers electric strikes used in fire door frame having ratings up to and including 3 hours. Includes both UL 10B “fire test” of door assemblies and UL10C “positive pressure fire test” of door assemblies.</p>
 <p>UL 1034 burglary listed</p>	<p>UL1034 Burglary Listed - Rating is achieved by passing tests at either 1500 lbs., 1000 lbs. or 500 lbs. static force and either 70 ft. lbs., 50 ft. lbs. or 33 ft. lbs impact force. Must also pass cycle testing at either 250,000 or 100,000 cycles. Product must display at what level of force it passed the UL1034 test at for consumer information.</p>
 <p>field selectable (12 or 24VDC)</p>	<p>Field Selectable 12/24 - Ability to select either 12 or 24 volt DC in the field. Strike comes configured as 12 volt.</p>
 <p>field selectable (fail secure / fail safe)</p>	<p>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.</p>
 <p>grade 1</p>	<p>Grade 1 - Passed requirements of 1500 lbs. static force, 70 ft. lbs of impact force and withstands 500,000 cycles.</p>
 <p>grade 2</p>	<p>Grade 2 - Passed requirements of 1000 lbs. static force, 50 ft. lbs of impact force and withstands 300,000 cycles.</p>
 <p>cylindrical locksets</p>	<p>Cylindrical Locksets - A lock for a door prepared with one or more cross-bores and one or more edge-bores.</p>
 <p>mortise locks without deadbolts</p>	<p>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.</p>
 <p>mortise locks with deadbolts</p>	<p>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.</p>
 <p>rim exit devices</p>	<p>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.</p>
 <p>specialty locksets</p>	<p>Specialty Locksets - Includes specialty locksets including but not limited to: Cylindrical deadbolt, hook bolt, unit lock, weiser bolt, and narrow style aluminum lock.</p>



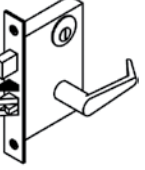
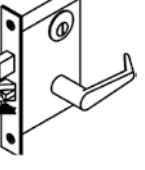
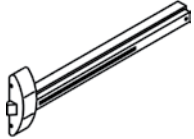
Lock Cross Reference

ANSI LOCK	DESCRIPTION	MANUFACTURER	ELECTRIC STRIKES
	<p>Cylindrical lockset</p> <p>All locks with center lined latchbolts</p>	All manufacturers	<p>1006j up to 1" throw 4500</p> <p>5000 up to 1/2" throw</p> <p>5200 up to 3/4" throw</p> <p>RF5010 up to 1/2" throw</p> <p>RF5210 up to 3/4" throw</p> <p>7501 & 7505 up to 5/8" throw</p>
	Cylindrical lockset	<p>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)</p>	<p>8000 up to 1/2" throw</p> <p>8300 up to 1/2" throw</p> <p>RF8010 up to 1/2" throw</p> <p>RF8310 up to 1/2" throw</p>
	<p>Mortise locksets with a deadlatch positioned above the latchbolt</p>	<p>Arrow, Baldwin, Falcon (1991 & earlier), Marks, Omnia, PDQ</p>	<p>1006K 4500</p>
		<p>Best (34H - 37 Series)</p>	<p>1006KM 4500</p>
		<p>Sargent (7700 & 8100 Series), Schlage, Yale (8700)</p>	<p>1006K</p>

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.

Lock Cross Reference



ANSI LOCK	DESCRIPTION	MANUFACTURER	ELECTRIC STRIKES
	Mortise locksets with a deadlatch positioned below the latchbolt	Almet, Corbin/Ruswin, Falcon (1992 'M' Series), Sargent (7800, 8200 & 9200), Yale (8800)	1006KM 4500
		Best (45H & 47H Series)	1006KM
	Mortise locksets with a 1" deadbolt without a deadlatch	Accurate, Arrow, Baldwin, Falcon, Marks, Omnia, PDQ	1006N 1006A 1006H
		Sargent (7700 & 8100 Series), Schlage, Yale (8700)	1006ND 1006AD 1006HD
	Mortise locksets with a 1" deadbolt and a center positioned deadlatch	Baldwin, PDQ	1006T 1006 HTD
		Sargent (7700 & 8100 Series), Schlage, Yale (8700)	1006TD
	Mortise locksets with a 1" deadbolt and a deadlatch positioned below the latchbolt	Accurate, Almet, Arrow, Baldwin, Corbin/Ruswin, Falcon, Marks, Omnia, PDQ, Sargent (7800, 8200 & 9200 Series), Yale (8800)	1006NM 1006AM 1006HM
		Best (45H & 47H Series)	1006NM 1006AM 1006HM
	Rim mounted exit device with up to 3/4" throw	American Device, Arrow, Corbin/Ruswin, Jackson, Dormatic, Monarch, Precision, Sargent, Von Duprin, Yale	7000-783 7000-786 7000-789 9400 up to 1/2" throw 9500 9600

Lock Cross Reference

• HES electric strikes are designed to be installed in accordance with the ANSI/BHMA A156.31 4-7/8" jamb 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.

Compatibility

HES	Folger Adam	Von Duprin	Adams Rite
1006J•	712-75•, 732-75•	6211•, 6211AL•	
1006K•, 1006KD•, 1006KM•	742-75•	6210•	
1006A•, 1006AD•, 1006AM•		6210	
1006N•, 1006ND•, 1006NM•			
1006T•, 1006TD•			
1006H•, 1006HD•, 1006HM•			
1006R•			
1006E•			
1006Z•			
1006J-2•	310-2•, 310-2¾•	6214•, 6215•, 6224•, 6226•, 6211WF•	
1006H-2•	310-3-1•	6216•	
4500•	742-75•		7240•, 7270•
5000-501		5100	7140, 7140, 7340
5000-501A		5100	7101, 7160, 7300
5000-502		5100	7110, 7310
5000-503			7131
5000-504			7111
5200-501		5100	7100, 7128, 7140, 7170, 7340
5200-501A		5100	7101, 7108, 7160, 7300
5200-502		5100	7110, 7310
5200-503			7131
5200-504			7111, 7311
7000-701			7400
7000-702			
7000-783			71R1, 74R1
7000-786		6113•	
7000-789			71R2, 74R2
7501•	712•, 712-75•	6211•	7240•
7505•	310-2•, 310-2¾•	6214•, 6215•, 6224•, 6226•, 6211WF•	
8000			
8300•			
9400			
9500•			
9600			

• = UL 10C fire-rated NOTE: This chart details the HES and Folger Adam products that can replace competitors products, but not necessarily the reverse.



Trademark Use

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.

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 of the Group Companies for which it is an Approved Reseller, subject to the following conditions:

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 ™, as appropriate, along with the following trademark legend printed in legible text on the Web page or document containing ASSA ABLOY Marks:

“HES, Folger Adam Electric Door Controls, and Vista 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).

Trademark Use



Trademark Use Policy: ASSA ABLOY Americas (continued)

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.

Violations

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.

Questions

If you have any questions concerning compliance with this Policy, please contact the HES Marketing department at 800.626.7590.



Terms and Conditions

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, 9400, 9500 and 9600 Series electric strikes
- **Lifetime:** RF5010-IA, RF5010-EA, RF5210-IA, RF5210-EA, RF8010-EA, RF8310-EA, IC5020-EA, IC5220-EA, IC8020-EA, IC8320-EA
Series hybrid electric strikes

Terms and Conditions



Standard Terms and Conditions (continued)

Electrical Components Warranty:

- **1 Year:** All Series electric strikes
- **3-5 Years:** *Installing a SMART Pac II™ power controller with any new product extends the 1 year warranty on electrical components, including the SMART Pac II™, to the 3-5 year warranty term applicable to each Series mechanical components as outlined above*
- **Lifetime:** RF5010-IA, RF5010-EA, RF5210-IA, RF5210-EA, RF8010-EA, RF8310-EA, IC5020-EA, IC5220-EA, IC8020-EA, IC8320-EA Series hybrid electric strikes.

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. Credits are issued at prevailing prices and discounts.

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.

hes

ASSA ABLOY

USA

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ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.