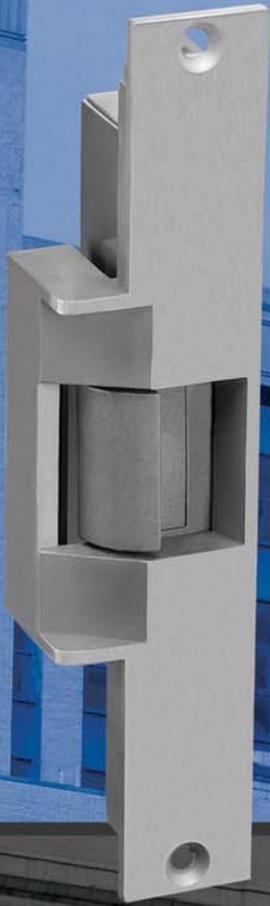


2007 Catalog

300 Series | 700 Series



BUILDING ON TRADITION

FOLGER ADAM[®]

ELECTRIC DOOR CONTROLS

by HES

INDUSTRIAL GRADE ELECTRIC STRIKES



Folger Adam Electric Door Controls has a proud history. Founded in 1880, the company initially manufactured fencing and grillwork, before turning its attention to detention cells. And, since the early 20th century, Folger Adam has been a leader in security and detention hardware.

Today, we're building on that tradition, offering high quality electric strikes for installations that require extra heavy duty durability and tamper resistance. Now part of Hanchett Entry Systems, Inc., Folger Adam EDC continues to satisfy a wide variety of access control requirements in commercial, industrial and institutional applications.

On behalf of our entire team, thank you for buying Folger Adam EDC products!

Folger Adam EDC is a division of Hanchett Entry Systems, Inc. (HES), an ASSA ABLOY Group company. ASSA ABLOY is the world's leading manufacturer and supplier of locking solutions, meeting tough end-user demands for safety, security and user friendliness.

HES is ISO 9001:2000 certified.

Effective February 1, 2007

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Note

630 is the standard finish on most models; all others are considered special finishes and may have a longer lead time. Please call customer service at 800.260.9001 for current lead times on all special finishes.



Note

Discontinued products for 2007 include the 310-5 and the 310-4-100 models. For the 310-4-100, please use the 310-4 with the SMB:Surface Mounting Box accessory (see page 17).

Discontinued product options include the 310-4 1/2" faceplate, 9/16" faceplate and milled ramps. All are now included/standard with the new 310-4 model (see pages 6-7).

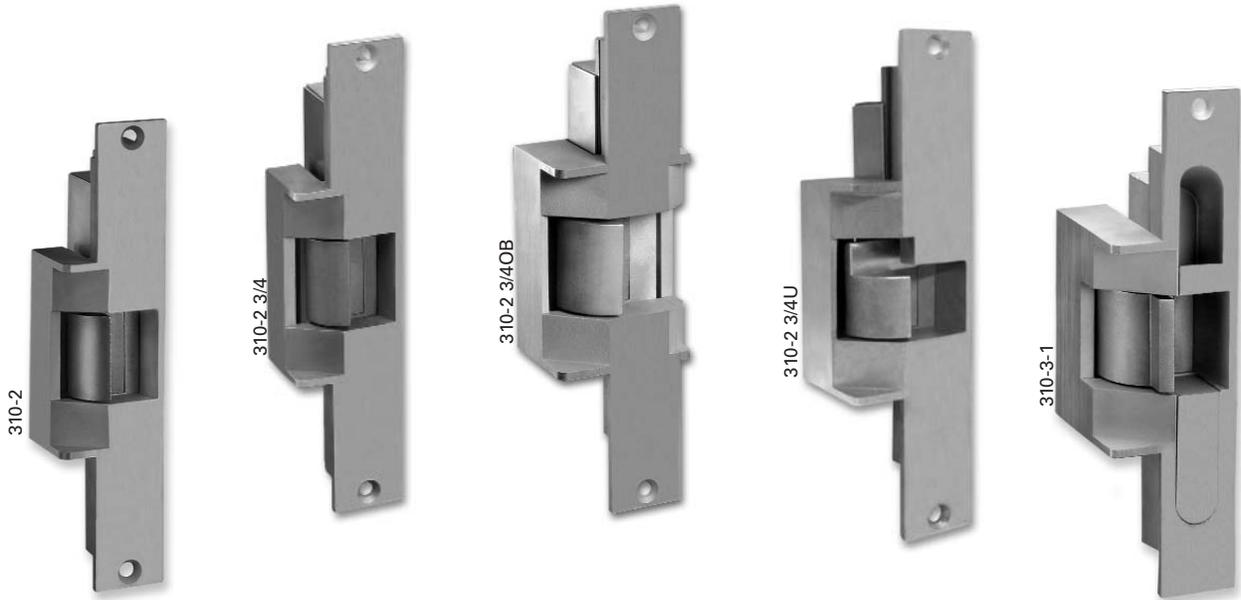
310-2

310-2 3/4

310-2 3/4 OB

310-2 3/4U

310-3-1



These industrial grade electric strikes are used with cylindrical locks, mortise locks* and mortise exit devices



fire rated



UL 1034
burglary rated



grade 1

Applications

310-2

For a 1/2" or 5/8" throw latchbolt (without deadbolt) on single and pairs of doors

310-2 3/4U

For use with a pre-assembled or unit lock

310-2-3/4

For a 3/4" throw latchbolt (without deadbolt) on single doors

310-3-1

For a lockset with both a 3/4" throw latchbolt and a 1" throw deadbolt

- Deadbolt must be retracted manually
- Position of block within cavity is adjustable to properly locate auxiliary latchbolt for deadlocking purposes

310-2 3/4OB

For a pair of doors, without a door coordinator, which are equipped with a lock having a 3/4" throw latchbolt (without deadbolt)

*Note: These products will require relocation of the center line when used with mortise locks.

Specifications

- UL 10C, 3 hour fire-rated (fail secure only) (all except 310-2 3/4OB)
- CAN4-S104 (ULC-S104) fire door conformant
- UL1034, burglary-resistant rated
- ANSI/BHMA A156.31, Grade 1
- DOD approved
- New York City accepted
- NFPA-252 fire door conformant
- ASTM-E152 fire door conformant

Product Features

- Tamper resistant, heavy-duty construction
- Constructed entirely of stainless steel for strength and corrosion resistance
- Static strength 1,500 lbs.
- Dynamic strength 70 ft-lbs.
- Horizontally adjustable keeper to allow for door and frame misalignment
- 3/4" (19mm) keeper depth (310-2 3/4 and 310-2 3/4OB)
- 1/2" (13mm) keeper depth (310-2)
- 1" (25.4mm) keeper depth (310-3-1)
- Non-handed, reversible
- Fail Secure (standard)
- Fail Safe (optional)
- Plug-in connector
- Five year limited warranty

Electrical

- .51 Amps @ 12VDC
- .25 Amps @ 24VDC

Optional Features

- Fail Safe
- LCM - Locking Cam Monitor
- LBM - Latchbolt Monitor (all except 310-2 3/4U)
- LCBM - Latchbolt & Locking Cam Monitor (all except 310-2 3/4U)
- LCBMA - Latchbolt & Locking Cam Monitor with Auxiliary Switch (all except 310-2 3/4U)
- DBS - Deadbolt Switch (310-3-1 only)

Faceplate Finishes

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

Accessories

- 310-2-3 - Strike latch guard (astragal)
- 152 - Universal mounting tabs
- 2001 - Plug-in bridge rectifier
- 2001-1 - Wire-in bridge rectifier
- 2004 - ElectroLynx™ adapter
- 2005 - SMART Pac II™
- 2006P - Plug-in buzzer

310-2

310-2 3/4

310-2 3/4OB

310-2 3/4U

310-3-1

310 Series



Updated with the features
you requested

This industrial grade electric strike is used with rim exit devices



fire rated



UL 1034
burglary rated



grade 1

Applications

310-4

For a rim exit device having a pullman style latchbolt - used on a single door opening or the top of a surface vertical-rod exit device

Note: When using an electric strike in conjunction with a vertical-rod exit device, it is necessary that:

1. The bottom rod of the exit device be removed or made inoperative
2. The latchbolt of the exit device be the "Pullman" or beveled type
3. The latchbolt be free-latching and remain projected while the door is open. Mechanisms that hold the latchbolt retracted while the door is open, and automatically release it when the door is closed, must be removed or made inoperative

Specifications

- UL 10C, 3 hour fire-rated (fail secure only) (on rim exit devices only)
- CAN4-S104 (ULC-S104) fire door conformant
- UL1034, burglary-resistant rated
- ANSI/BHMA A156.31, Grade 1
- DOD approved
- New York City accepted
- NFPA-252 fire door conformant
- ASTM-E152 fire door conformant

Product Features

- Tamper resistant, heavy-duty construction
- Constructed entirely of stainless steel for strength and corrosion resistance
- Static strength 1,500 lbs.
- Dynamic strength 70 ft-lbs.
- **NEW** Set screws for adjustment lockdown
- **NEW** Milled ramps to better accommodate deadlatches
- **NEW** Redesigned pullman keeper to reduce door interference
- **NEW** Integrated shim for quick customization of faceplate thickness (3/4" to 1/2")
- **NEW** In-frame horizontal adjustability
- **NEW** Wider faceplate (1-3/4") for greater versatility
- 3/4" (19mm) keeper depth
- Non-handed, reversible
- Fail Secure (standard)
- Fail Safe (optional)
- Plug-in connector
- Five year limited warranty

Electrical

- .51 Amps @ 12VDC
- .25 Amps @ 24VDC

Optional Features

- Fail Safe
- LCM - Locking Cam Monitor
- LBM - Latchbolt Monitor
- LCBM - Latchbolt & Locking Cam Monitor
- LCBMA - Latchbolt & Locking Cam Monitor with Auxiliary Switch

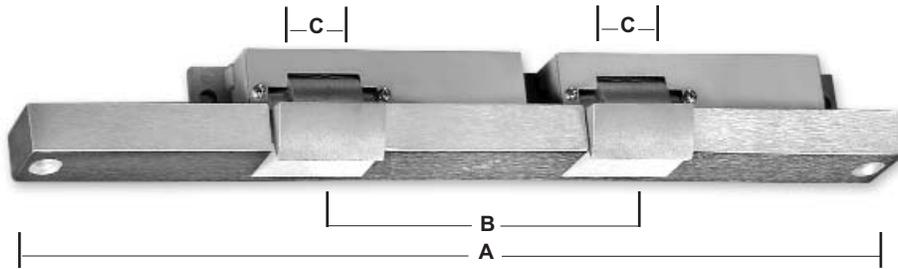
Faceplate Finishes

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

Accessories

- SMB - Surface mounting box
- 2001 - Plug-in bridge rectifier
- 2001-1 - Wire-in bridge rectifier
- 2004 - ElectroLynx™ adapter
- 2005 - SMART Pac II™
- 2006P - Plug-in buzzer

310 Series



	A	B	C
310-4-1	13-3/8"	4-3/8"	1-13/16"
310-4-2	14"	5"	1-13/16"
310-4-3	14-5/8"	5-5/8"	1-13/16"
310-4-30	12"	3"	1-13/16"

These industrial grade electric strikes are used on a pair of doors (without mullion) which are equipped with surface, vertical-rod exit devices having a swinging, pullman style latchbolt



Applications

310-4-1

For both leaves of a pair of doors - when spacing of the vertical rod is between 4" and 4-3/4"

310-4-2

For both leaves of a pair of doors - when spacing of the vertical rods is between 4-5/8" and 5-3/8"

310-4-3

For both leaves of a pair of doors - when spacing of the vertical rods is between 5-1/4" and 6"

310-4-30

For both leaves of a pair of doors - when spacing of the vertical rods is between 2-5/8" and 3-3/8"

Note: Double-door models are available with four different center-to-center dimensions between latchbolt keepers. Keepers are wide enough to compensate for vertical-rod exit bolts which may be as much as 3/8" (10mm) off center-to-center dimension, either way.

Note: When using an electric strike in conjunction with a vertical-rod exit device, it is necessary that:

1. The bottom rod of the exit device be removed or made inoperative
2. The latchbolt of the exit device be the "Pullman" or beveled type
3. The latchbolt be free-latching and remain projected while the door is open. Mechanisms that hold the latchbolt retracted while the door is open, and automatically release it when the door is closed, must be removed or made inoperative

Specifications

- UL1034, burglary-resistant rated
- ANSI/BHMA A156.31, Grade 1
- DOD approved
- New York City accepted

Product Features

- Tamper resistant, heavy-duty construction
- Constructed entirely of stainless steel for strength and corrosion resistance
- Static strength 1,500 lbs.
- Dynamic strength 70 ft-lbs.
- Horizontally adjustable keeper to allow for door and frame misalignment
- Pullman keeper
- Non-handed, reversible
- Fail Secure (standard)
- Fail Safe (optional)
- Plug-in connector
- Five year limited warranty

Electrical

- .51 Amps @ 12VDC
- .25 Amps @ 24VDC

Optional Features

- Fail Safe
- LCM - Locking Cam Monitor
- LBM - Latchbolt Monitor
- LCBM - Latchbolt & Locking Cam Monitor
- LCBMA - Latchbolt & Locking Cam Monitor with Auxiliary Switch

Faceplate Finishes

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

Accessories

- 2001 - Plug-in bridge rectifier
- 2001-1 - Wire-in bridge rectifier
- 2004 - ElectroLynx™ adapter
- 2005 - SMART Pac II™
- 2006P - Plug-in buzzer

310-4-1

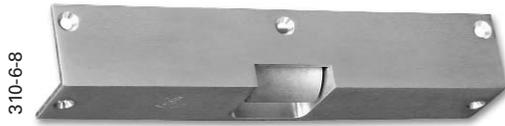
310-4-2

310-4-3

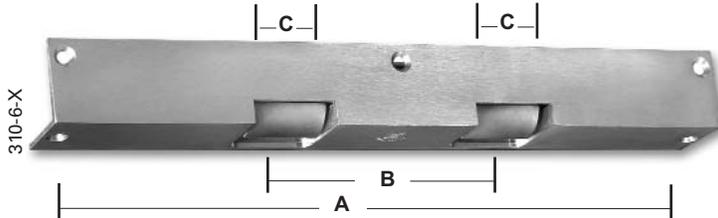
310-4-30

310 Series

310-6-8



310-6-1



310-6-2

310-6-3

310-6-30

	A	B	C
310-6-1	14-1/2"	4-3/8"	1-13/16"
310-6-2	15-1/8"	5"	1-13/16"
310-6-3	15-3/4"	5-5/8"	1-13/16"
310-6-30	13-1/8"	3"	1-13/16"

These industrial grade electric strikes are used on a pair of doors (without mullion) which are equipped with concealed, vertical-rod exit devices having a 1/2" or 5/8" throw latchbolt



Applications

310-6-8

For only the active leaf of a pair

310-6-3

For both leaves of a pair of doors - when spacing of the vertical rods is between 5-1/4" and 6"

310-6-1

For both leaves of a pair of doors - when spacing of the vertical rods is between 4" and 4-3/4"

310-6-30

For both leaves of a pair of doors - when spacing of the vertical rods is between 2-5/8" and 3-3/8"

310-6-2

For both leaves of a pair of doors - when spacing of the vertical rods is between 4-5/8" and 5-3/8"

Note: Double-door models are available with four different center-to-center dimensions between latchbolt keepers. Keepers are wide enough to compensate for vertical-rod exit bolts which may be as much as 3/8" (10mm) off center-to-center dimension, either way.

Note: When using an electric strike in conjunction with a vertical-rod exit device, it is necessary that:

1. The bottom rod of the exit device be removed or made inoperative
2. The latchbolt of the exit device be the "Pullman" or beveled type
3. The latchbolt be free-latching and remain projected while the door is open. Mechanisms that hold the latchbolt retracted while the door is open, and automatically release it when the door is closed, must be removed or made inoperative

Specifications

- UL1034, burglary-resistant rated
- ANSI/BHMA A156.31, Grade 1
- DOD approved
- New York City accepted

Product Features

- Tamper resistant, heavy-duty construction
- Constructed entirely of stainless steel for strength and corrosion resistance
- Static strength 1,500 lbs.
- Dynamic strength 70 ft-lbs.
- Horizontally adjustable keeper to allow for door and frame misalignment
- 1/2" (13mm) keeper depth
- Non-handed, reversible
- Fail Secure (standard)
- Fail Safe (optional)
- Plug-in connector
- Five year limited warranty

Electrical

- .51 Amps @ 12VDC
- .25 Amps @ 24VDC

Optional Features

- Fail Safe
- LCM - Locking Cam Monitor
- LBM - Latchbolt Monitor
- LCBM - Latchbolt & Locking Cam Monitor
- LCBMA - Latchbolt & Locking Cam Monitor with Auxiliary Switch

Faceplate Finishes

- 612 - Satin bronze
- 627 - Satin aluminum

Accessories

- 2001 - Plug-in bridge rectifier
- 2001-1 - Wire-in bridge rectifier
- 2004 - ElectroLynx™ adapter
- 2005 - SMART Pac II™
- 2006P - Plug-in buzzer

310-6-8

310-6-1

310-6-2

310-6-3

310-6-30

310 Series

712

712-75

732

732-75



These electric strikes are used with cylindrical locks, mortise locks* and mortise exit devices



fire rated



UL 1034
burglary rated



grade 1

Applications

712

For hollow-metal frame applications - when the lockset has a 1/2" or 5/8" throw latchbolt

732

For wood frame applications - when the lockset has a 1/2" or 5/8" throw latchbolt. Features an offset solenoid

712-75

For hollow-metal frame applications - when the lockset has a 1/2" 5/8", or 3/4" throw latchbolt

732-75

For wood frame applications - when the lockset has a 1/2", 5/8", or 3/4" throw latchbolt. Features an offset solenoid

*Note: These products will require relocation of the center line when used with mortise locks.

Specifications

- UL 10C, 3 hour fire-rated (fail secure only)
- CAN4-S104 (ULC-S104) fire door conformant
- UL1034, burglary-resistant rated
- ANSI/BHMA A156.31, Grade 1
- DOD approved
- New York City accepted
- NFPA-252 fire door conformant
- ASTM-E152 fire door conformant

Product Features

- Tamper resistant, heavy-duty construction
- Constructed entirely of stainless steel for strength and corrosion resistance
- Static strength 1,500 lbs.
- Dynamic strength 70 ft-lbs.
- Horizontally adjustable keeper to allow for door and frame misalignment
- 1/2" (13mm) keeper depth (712 and 732)
- 3/4" (19mm) keeper depth (712-75 and 732-75)
- Non-handed, reversible
- Fail Secure (standard)
- Fail Safe (optional)
- Plug-in connector
- Five year limited warranty

Electrical

- .51 Amps @ 12VDC
- .25 Amps @ 24VDC

Optional Features

- Fail Safe
- LCM - Locking Cam Monitor
- LBM - Latchbolt Monitor (712 and 732)
- LBMLCM - Latchbolt & Locking Cam Monitor

Faceplate Finishes

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

Accessories

- 710-2-3 - Strike latch guard (astragal)
- 152 - Universal mounting tabs
- 2001 - Plug-in bridge rectifier
- 2001-1 - Wire-in bridge rectifier
- 2004 - ElectroLynx™ adapter
- 2005 - SMART Pac II™
- 2006P - Plug-in buzzer

712

712-75

732

732-75

700 Series



Works with **all**
major mortise locks
(without deadbolts)*

**This industrial grade electric strike is used
with cylindrical locks, mortise locks*
and mortise exit devices**



fire rated



UL 1034
burglary rated



grade 1

Applications

742-75

For hollow-metal frame applications - when the lockset has a 1/2" 5/8", or 3/4" throw latchbolt

*Note: 742-75 is designed to work with a variety of mortise locks, including the Schlage L9000 and Yale 8800 without relocating the strike prep in the frame. For use with Best 40 Series, please call Technical Support 800.260.9001.

Specifications

- UL 10C, 3 hour fire-rated (single door, fail secure only)
- UL 10C, 1-1/2 hour fire-rated (double doors, fail secure only)
- CAN4-S104 (ULC-S104) fire door conformant
- UL1034, burglary-resistant rated
- ANSI/BHMA A156.31, Grade 1
- NFPA-252 fire door conformant
- ASTM-E152 fire door conformant

Product Features

- Tamper resistant, heavy-duty construction
- Constructed entirely of stainless steel for strength and corrosion resistance
- Static strength 1,500 lbs.
- Dynamic strength 70 ft-lbs.
- Horizontally adjustable keeper to allow for door and frame misalignment
- Deadlatch tabs included
- 3/4" (19mm) keeper depth
- Non-handed, reversible
- Fail Secure (standard)
- Fail Safe (optional)
- Plug-in connector
- Five year limited warranty

Electrical

- .51 Amps @ 12VDC
- .25 Amps @ 24VDC

Optional Features

- Fail Safe
- LCM - Locking Cam Monitor
- LBM - Latchbolt Monitor
- LCBM - Latchbolt & Locking Cam Monitor
- LCBMA - Latchbolt & Locking Cam Monitor with Auxiliary Switch

Faceplate Finishes

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

Accessories

- 710-2-3 - Strike latch guard (astragal)
- 152 - Universal mounting tabs
- 2001 - Plug-in bridge rectifier
- 2001-1 - Wire-in bridge rectifier
- 2004 - ElectroLynx™ adapter
- 2005 - SMART Pac II™
- 2006P - Plug-in buzzer

700 Series

Electrical Accessories		
item	accessory	description
	2001: Plug-in bridge rectifier	Converts AC to DC. 35 V, 1 Amp
	2001-1: Wire-in bridge rectifier	Converts AC to DC. 35 V, 2 Amp
	2002-12: AC transformer	Converts 110/120 VAC to 12 VAC output. 20V, 1.6 Amp max
	2002-24: AC transformer	Converts 110/120 VAC to 24 VAC output. 20V, 0.8 Amp max
	2002P-24: AC plug-in transformer	Converts 110/120 VAC to 24 VAC output. 5V, 0.2 Amp max
	2003: MOV	Protects against possible inrush and reverse surges
	2004: ElectroLynx™ adapter	Adapter between existing HES and ElectroLynx™ connectors
	2005: 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
	2006P: Plug-in buzzer	Audible operation indicator. For use on 12VDC and 24VDC
	2007: Plug-in pigtail connectors	With 4" wire leads
	2008: Plug-in connectors	5' extension pig-tail, 10 gauge wire
	2009P: Plug-in LED	Visible operation indicator

Hardware Accessories

item	accessory	description
	152: Universal mounting tabs	Mount inside hollow metal and aluminum jambs
	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
	310-2-3: Strike latch guard (astragal) 710-2-3: Strike latch guard (astragal)	Designed to prevent tampering with the latchbolt, as well as the latchbolt keeper. Available in two models: 310-2-3 for 300 Series electric strikes and 710-2-3 for 700 Series electric strikes. Standard finish is 630, but also available in 606, 612, 613 and 625. Torx screws included
	SMB: Surface mounting box	Installs on inactive door of pair of doors to accommodate rim-exit devices. To be used with the 310-4



Model 2005

For fool-proof installations, add the SMART Pac II™

The 2005 SMART Pac II™ is an in-line power control that is able to receive input voltages from 12 to 32V AC or DC. The built-in bridge rectifier provides 12 or 24VDC output. Under continuous duty operation, the output VDC is reduced by 25% to extend the life of the electric strike. The SMART Pac II™ includes an in-line fuse, MOV to protect against possible inrush and reverse surges, and a 2-8 second adjustable timer.

Standard Features

- Accepts wide range of input voltage: 12-32 Volts AC or DC
- Output 12VDC or 24 VDC with inputs of 24 Volts or greater
- Built-in bridge rectifier
- Built-in surge protection / voltage regulation
- Operates in Fail-Secure and Fail-Safe modes
- Activation timer: keeps strike energized for set period of time, adjustable from 2-8 seconds
- Continuous duty timer: reduces initial voltage by 25% after set period of time, adjustable from 2-8 seconds, provides cooler more efficient operation of strike
- Extends the warranty of Folger Adam EDC electric strikes

**Note: The SMART Pac II™ can not provide an output voltage greater than the input voltage.

Quick Product Selection Guide

Type of Locking Hardware	Latchbolt Throw	Deadbolt Throw	Door Opening	Model No.	Page
Cylindrical Locks, Mortise Locks and Mortise Exit Devices	1/2" or 5/8"	N/A	Single Door or Pair of Doors ¹	310-2	4
				712	12
				732	12
	3/4"	N/A	Single Door or Pair of Doors ¹	310-2 3/4OB	4
				310-2 3/4	4
				712-75	12
732-75				12	
742-75	14				
Rim Exit Devices	3/4" Pullman	N/A	Single Door	310-4	6
			Pair of Doors	310-4 ³	6
Surface, Vertical-Rod Exit Devices ²	3/4" Pullman	N/A	Single Door	310-4	6
			Pair of Doors	310-4-1	8
				310-4-2	8
				310-4-3	8
				310-4-30	8
Concealed, Vertical-Rod Exit Devices ²	1/2" or 5/8"	N/A	Single Door	310-6-8	10
			Pair of Doors	310-6-1	10
				310-6-2	10
				310-6-3	10
				310-6-30	10

¹ May require special adaptation for wood-door application.

² Bottom rod of vertical rod exit device must be disengaged for proper functionality.

³ Use 310-4 with SMB:Surface Mounting Box accessory (see page 17).

Folger Adam	310-2	310-2 3/4	310-3-1	310-2 3/4OB	310-2 3/4 U	310-4
Von Duprin	6215	6224	6216	6222		6112
	6226	6214				

Folger Adam	310-4-1	310-4-2	310-4-3	310-4-30	310-6-8	310-6-1
Von Duprin						

Folger Adam	310-6-2	310-6-3	310-6-30
Von Duprin			

Folger Adam	712	712-75	732	732-75	740-75	742-75
Von Duprin	6211	6211	6211WF	6211WF	6210	6210

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 Technical Support at 800-260-9001 for application assistance.

Glossary of Terms

General Terms

AC	Alternating current
DC	Direct current
FS	Fail safe - power to lock
Fail Secure	Fail secure - power to unlock
V	Voltage

300 Series Latchbolt Keepers

1/2"	For 1/2" and 5/8" throw latchbolts (310-2 and 310-6)
3/4"	For 3/4" throw latchbolts (310-2 3/4)
1"	For 3/4" and 1" throw latchbolts (310-3-1)
PK	For pullman type latchbolts (310-4)
U	For preassembled locks (unit and mono) (310-2 3/4U)
OB	Open Back (310-2 3/4OB)

300 Series Monitor Switches

LBM	Latchbolt monitor
LCM	Locking cam monitor
LCBM	Locking cam and latchbolt monitor
LCBMA	Locking cam and latchbolt monitor, and an auxiliary switch

700 Series Latchbolt Keepers

1/2"	For 1/2" and 5/8" throw latchbolts
3/4"	For 3/4" throw latchbolts

700 Series Monitor Switches

LBM	Latchbolt monitor
LCM	Locking cam monitor
LBMLCM	Latchbolt and locking cam monitor

Icon Glossary

icon	description
 ANSI A250.13-2003 windstorm resistant	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.
 fire rated	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.
 UL 1034 burglary rated	UL1034 Burglary Rated - 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.
 field selectable (12 or 24VDC)	Field Selectable 12/24 - Ability to select either 12 or 24 volt DC in the field. Strike comes configured as 12 volt.
 field selectable (fail secure / fail safe)	Field Selectable Fail Secure/ Fail Safe - Ability to select either field secure or field 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.
 grade 2	Grade 2 - Passed requirements of 1000 lbs. static force, 50 ft-lbs. of impact force and withstands 300,000 cycles.
 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.

¹ The term "Non-Fail Safe" (NFS) has been changed to Fail Secure to conform with ANSI/BHMA standards and definitions. Fail Secure is the standard operation mode for all FAEDC electric strikes and therefore does not require a letter designation when ordering.

Standard Terms and Conditions

Folger Adam EDC is a division of Hanchett Entry Systems, Inc. ("HES"), an ASSA ABLOY Group company. The following Terms and Conditions ("Terms") apply to the sale by HES of Folger Adam EDC products and services ("Folger Adam 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 shipment.

Payment Terms

Standard terms are net 30 days of invoice date.

Credit Terms

Credit terms must be established by completing a Folger Adam EDC 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

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

1 Year 'Hassle-Free' Guarantee: All Folger Adam products, including all Series electric strikes and electrical components

Mechanical Components:

- **5 Years:** 300 and 700 Series electric strikes

Electrical Components:

- **1 Year:** All Series electric strikes and electrical components
- **5 Years:** *Installing a SMART Pac II™ power controller with any new Folger Adam electric strike extends the 1 year warranty on electrical components, including the SMART Pac II™, to the 5 year warranty term applicable to each Series mechanical components as outlined above*

Standard Terms and Conditions (continued)

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 Folger Adam 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. An RMA (Return Material Authorization) must be obtained from authorized personnel of HES before any Folger Adam product may be returned. Upon inspection by HES, a decision will be made to repair, replace, or issue a credit for the Folger Adam 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 75% of the purchase price, with 25% 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 Folger Adam 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 Folger Adam Products.

Any action or arbitration brought against the HES pertaining to or in connection with the Folger Adam 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 Folger Adam Products on behalf of others or provide 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.

Manufactured by Hanchett Entry Systems, Inc.
Hanchett Entry Systems, Inc. is ISO 9001:2000 Certified

USA

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ELECTRIC DOOR CONTROLS
by HES

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