Corbin Russwin
ASSA ABLOY

FE6800

Fortified Multi-Point Latching System

Storm-Resistant Design Helps Save Lives

ASSA ABLOY, the global leader in door opening solutions

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Applications

FE6800 Fortified Multi-Point Latching System

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The Corbin Russwin FE6800 is a robust three-point locking system engineered to help save lives by securing the community shelter entry. Extra-heavy duty steel components secure the door to the frame – at the top, bottom and center latch points – fortifying the opening to withstand extreme wind speeds and flying debris.

UL approved, the FE6800 is ideal for both FEMA 361 and FEMA 320 applications.

Typical applications include doors and inswing window storm shutters located in:

- Community Shelters and Safe Rooms
- Corporate Campuses
- Schools
- Healthcare Facilities
- Government Facilities

Advantages

- Three-point auto deadlocking as door closes. No manual operation required
- Solid cast levers
- UL approved as a severe windstorm-rated assembly in accordance with FEMA 320 and FEMA 361 guidelines
- UL 3-hour fire rating
- Three functions are available including window shutter applications
- Through-bolts on door for solid attachment
- Heavy duty component construction with easy everyday use design

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Features

FE6800 Fortified Multi-Point Latching System

Certification/ Compliance

UL approved:
› Meets FEMA 320 and FEMA 361 Guidelines for both inswing and outswing doors; single door 2'6" x 5'6" min and 4'0" x 8'0" max.

› Fully integrated – FE6800 is part of a complete ASSA ABLOY severe windstorm solution utilizing Ceco StormPro® 361, Curries StormPro® 361, Fleming F-5 doors and frames and McKinney® hinges

UL /ULc:
› All locks listed for 3 hour single doors
› UL compliant with fire and windstorm markings
› Any retrofit or other field modification to a fire-rated opening can potentially impact the fire rating of the opening, and Corbin Russwin, Inc. makes no representations or warranties concerning what such impact may be in any specific situation. When retrofitting any portion of an existing fire-rated opening, or specifying and installing a new fire-rated opening, please consult with a code specialist or local code official (Authority Having Jurisdiction) to ensure compliance with all applicable codes and ratings.

Handing
› Device is handed

Mortised Centerbolt
› Utilizes a one-piece heavy 13 gage chrome plated steel lock case, 3/16" thick stainless steel front.

Deadbolt
› One-piece stainless steel, 19/32" x 1-1/4" x 1" throw

Front
› 1 1/8" x 4-7/8" x 3/16" thick stainless steel, one piece

Backset
› 2-3/4" standard

Center Bolt Strike
› 1/4" stainless steel strike versus 1/8" standard wrought strike

Top Latch
› 5/8" stainless steel latch housing. Through-hardened steel latchbolt, with 7/8" projection fortified with 1/4-20 steel Holo-Krome® mounting screws

Latch front
› 1/8" thick, through-hardened steel front

Door Height
› Standard for any door or window storm shutter from 6'8" to 8'0" height.
› Optional top rods for 5'6" to 6'8" door heights.
› For window storm shutter applications, 1'8" x 3'0" to 4'0" x 6'8" height refer to the FE6700 series catalog.

Bottom Bolt
› 3/4" diameter steel with 3/4" projection with 1/8" steel reinforcement plate

Strike
› Brass bottom strike 1/4-20 steel *Holo-Krome* fasteners

Door Thickness
› FE6800 is for use with standard 1 3/4" thick doors and frames

Cylinder
› Brass, 6-pin, L4 keyway, 0-bitted, 1 1/8" standard. Optional cylinders available; see Quick Codes

Keys
› Two nickel silver standard

Keying Features Available
› Master keying
› Construction master keying
› Visual key control
› Concealed key control
› 7-pin cylinder
› Security cylinder
› Pyramid cylinder
› Interchangeable core (IC)
› Security IC
› Pyramid IC
› Blockout cylinder

Warranty
› Seven-year limited

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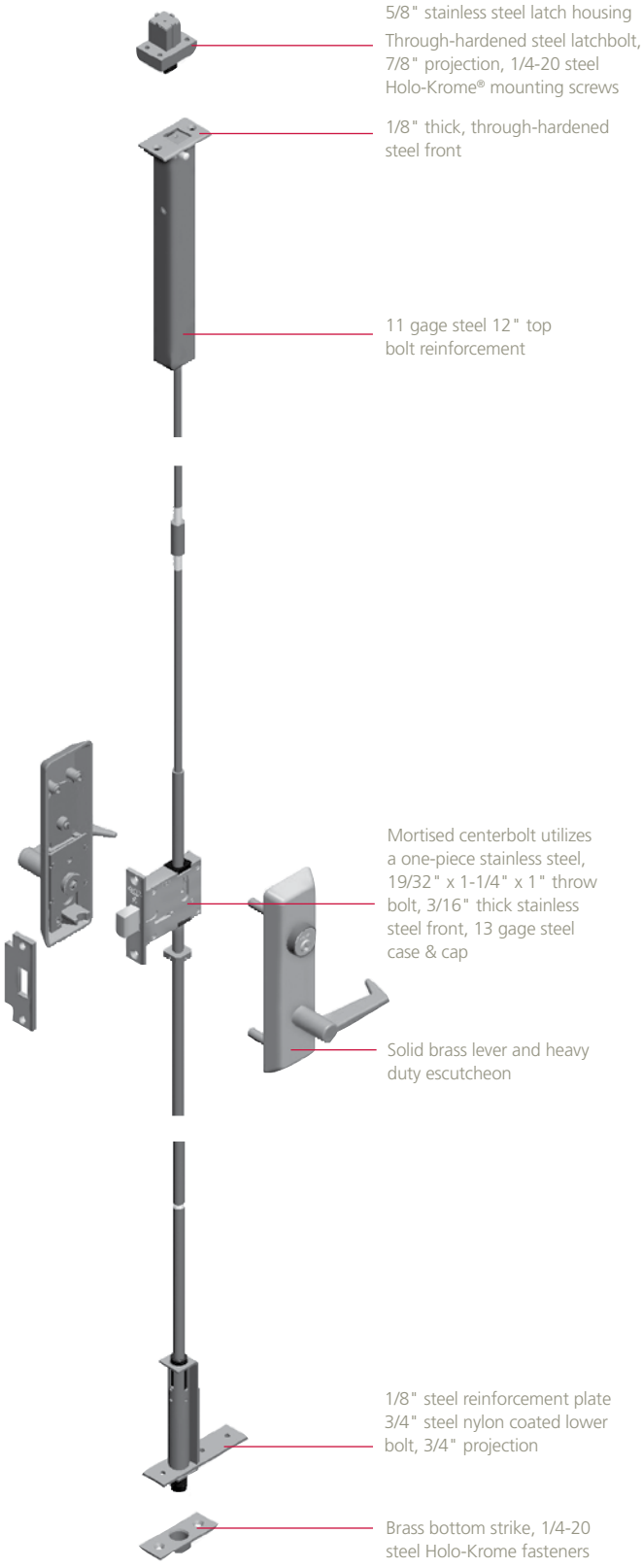
Features

FE6800 Fortified Multi-Point Latching System



Top Latch

5/8" stainless steel housings, 3/4" projection with 1/8" door gap

Center Bolt

Stainless steel deadbolt with 1" projection

Bottom Bolt

3/4" diameter steel with 3/4" projection

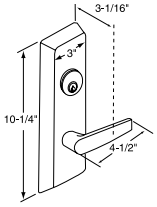
Center Bolt Strike

1/4" stainless steel strike

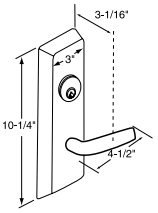
Trim Designs

FE6800 Fortified Multi-Point Latching System

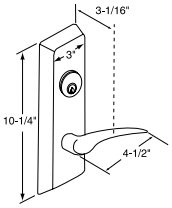
ARMSTRONG
ASH
Lever: Cast
Escutcheon: Forged
Cylinder: Mortise



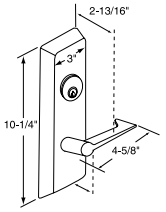
CITATION
CSH
Lever: Cast
Escutcheon: Forged
Cylinder: Mortise



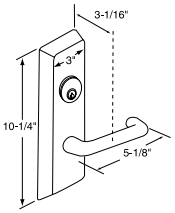
DIRKE
DSH
Lever: Cast
Escutcheon: Forged
Cylinder: Mortise



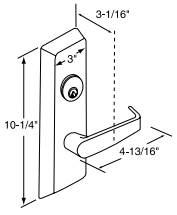
ESSEX
ESH
Lever: Cast
Escutcheon: Forged
Cylinder: Mortise



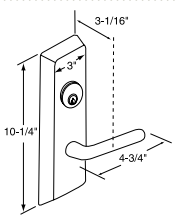
LUSTRA
LSH
Lever: Cast
Escutcheon: Forged
Cylinder: Mortise



NEWPORT
NSH
Lever: Cast
Escutcheon: Forged
Cylinder: Mortise



REGIS
RSH
Lever: Cast
Escutcheon: Forged
Cylinder: Mortise



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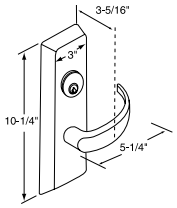
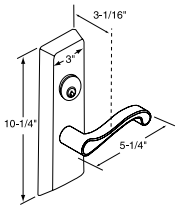
Trim Designs

FE6800 Fortified Multi-Point Latching System

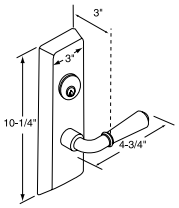
PRINCETON
PSH
Lever: Cast
Escutcheon: Forged
Cylinder: Mortise



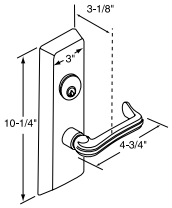
FRASCATI
FSH
Lever: Cast
Escutcheon: Forged
Cylinder: Mortise



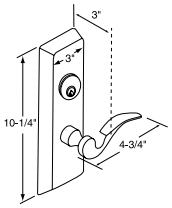
MERLOT
MSH
Lever: Cast
Escutcheon: Forged
Cylinder: Mortise



TUSCANY
TSH
Lever: Cast
Escutcheon: Forged
Cylinder: Mortise

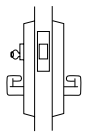
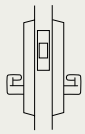
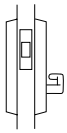


ZINFANDEL
ZSH
Lever: Cast
Escutcheon: Forged
Cylinder: Mortise



Functions, Options & Accessories

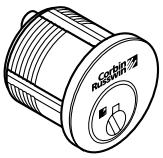
FE6800 Fortified Multi-Point Latching System

Outside I Inside	Series/ Function	Type	Function Description
	FE6855	Classroom	• Three-point auto deadlocking. • Three-point latch retraction by grip either side, unless outside grip is locked by key outside. • Inside grip always free.
	FE6810	Passage or Closet	• Three-point auto deadlocking. • Three-point latch retraction by grip either side. • Both grips always free.
	FE6880	Passage Lever x Blank Plate	• Three-point auto deadlocking. • Three-point latch retraction by inside grip. • Lever on one side, blank plate on the other. • Lever always free.

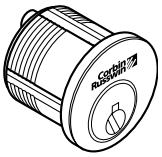
Mortise Cylinders

- Conventional (standard for FE6800)
- Pyramid (optional)
- IC (optional)
- 2 nickel silver keys

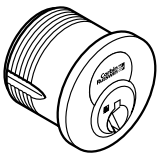
Pyramid (Fixed Core)



Conventional (Fixed Core)



Interchangeable Core (IC)



Pyramid Shown

Cylinder Quick Codes

Mortise Cylinder Type	Cylinder Catalog Number
Pyramid High Security (PHS)	1020-114-A02
Pyramid High Security Interchangeable Core (PCHS)	1030-114-A02
Conventional 6-pin	1000-118-A02
7-pin (7P)	1000-114-A02-7
6-pin IC (C6)	1080-114-A02
7-pin IC (C7)	1080-112-A02-7
Security IC (CHS)	1090-114-A02
Security (HS)	1010-118-A02

FE6800 H-series escutcheon requires cylinder collars depending on length of cylinder specified. To order collars separately, see below:

Specify	Cylinder Length
721F36	1-1/8"
721F37	1-1/4"
721F38	1-1/2"

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Quick Codes

FE6800 Fortified Multi-Point Latching System

Miscellaneous Options

Description	Specify
Torx® head security screws	M04

Door Thickness

Door Thickness	Specify
1-3/4"	Standard

Door Height

Door Height	Specify
5'6" - 6'8"	H0600
6'8" - 8'0"	standard

Cylinders and Keying

Description	Specify
Conventional 6-pin	6P
Conventional 7-pin	7P
Less Cylinder(s)	LC
Security	HS
Security IC	CHS
Pyramid Security	PS
Pyramid Security IC	PCS
Pyramid High Security Fixed Core	PHS
Pyramid High Security IC	PCHS
Pyramid with Temporary Construction Core	CTP
Pyramid Less Core	CLP
IC 6-pin	C6
SFIC 6-pin with Less Core	CLS6
SFIC 6-pin with SFIC disposable temporary core	CT6SD
IC 6-pin with Temporary Construction Core	
Red	CT6R
Blue	CT6B
Green	CT6G
IC 6-pin Less Core	CL6
IC 7-pin	C7
SFIC 7-pin with Less Core	CLS7
SFIC 7-pin with SFIC disposable temporary core	CT7SD
IC 7-pin with Temporary Construction Core	
Red	CT7R
Blue	CT7B
Green	CT7G
IC 7-pin Less Core	CL7
Pyramid Disposable Core	CTPD
6-pin Disposable Core	CT6D
7-pin Disposable Core	CT7D
0-bitted with 2 Blank Keys	
Keyed Random (Standard)	KR
Construction Master Keyed	CMK
Visual Key Control (VKC)	
- No bitting or keyset stamping on keys	VKC0
- Keys Only	VKC1
- Cylinders and Keys - (not for HS, CHS, PHS or PCHS)	VKC2
- Cylinders Only (not for HS, CHS, PHS or PCHS)	VKC3

Cylinders and Keying (cont.)

Description	Specify
Concealed Key Control (CKC)	
- CKC Cylinders with VKC Keys	CKC2
- CKC Cylinders Only (not for PHS, PCHS)	CKC3
2 Keys per Lock	standard
More than 2 Keys	KY# (e.g., KY6)

How to Order

FE6800 Fortified Multi-Point Latching System

Ordering Examples

Stock Order

Quantity	Series/Function	Trim	Finish	Hand
100	FE6855	FSH	626	RHR

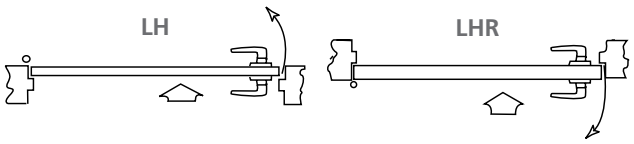
Split Trim/Finish Order

		Trim		Finish		
Quantity	Series/Function	Outside	Inside	Outside	Inside	Hand
12	FE6855	FSH	NSH	626	625	RH

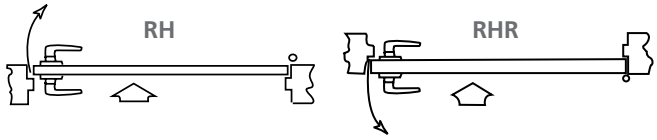
Contract/Detailed Order

Quantity	Keyset	Series/Function	Trim	Finish	Hand	Optional Cylinder	Keying
24	AA1	FE6855	NSH	626	RHR	PHS	CKC2

Handing



Left Hand



Right Hand

Note: Arrow indicates secure side of door

Function	Trim		Finish	Hand	Misc.	Cyl.
	Standard	Vineyard				
FE6855			605	RH	M04	See Page
FE6810	ASH	FSH	606	RHR		7
FE6880	CSH	MSH	611	LH		
	DSH	TSH	612	LHR		
	ESH	ZSH	613			
	LSH		618			
	NSH		619			
	RSH		625			
	PSH		626			
			626C			
			629			
			630			
			630C			
			722			

Finish

Description	Specify
Polished Brass, Clear Coated	605
Satin Brass, Clear Coated	606
Polished Bronze, Clear Coated	611
Satin Bronze, Clear Coated	612
Dark Oxidized Satin Bronze, Oil Rubbed	613[1]
Polished Nickel	618
Satin Nickel	619
Polished Chrome	625
Satin Chrome	626
Satin Chrome with MicroShield®	626C
Bright Stainless Steel	629[3]
Satin Stainless Steel	630[3]
Satin Stainless Steel with MicroShield®	630C
Black Oxidized Bronze, Oil Rubbed	722[2]

[1] New, March 2007
[2] Formerly 613 prior to March 2007
[3] Escutcheon finished to match 629, 630 finish

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Architectural Specifications

FE6800 Fortified Multi-Point Latching System

FE6800 Series
Fortified Multi-Point Auto Deadlocking System

Three-Point Locking System Devices: Three-Point, auto deadbolt locking devices are engineered for use on inswing and outswing door applications at windstorm safe shelter room locations. Concealed, fortified steel construction secures the door to the frame at top, bottom and center latching positions. All three latching points shall be automatically activated when the device is closed and retracted with one single motion upon exiting.

1. The Three-Point locking system device is part of an integrated door, frame and hardware assembly UL-approved to both FEMA 361 and FEMA 320 guidelines for both inswing and outswing doors.

2. Units shall be manufactured in compliance with NFPA 80 and NFPA 101 life-safety requirements and approved for usage on up to 3-hour, UL10b or 10c fire rated openings.

3. Latchbolt Construction:
   a. Mortised Centerbolt: Single piece, 13 gage chrome plated steel lockcase with 3/16" thick stainless steel front. Stainless steel, 1" throw deadbolt. 2 3/4" backset standard with 1/4" stainless steel centerbolt strike.
   b. Top Latch: Through-hardened steel latchbolt with 7/8" projection, 1/8" steel latchbolt front, and 5/8" stainless steel latch housing secured with 1/4-20 Holo-Krome® fasteners.
   c. Bottom Bolt: 3/4" diameter steel nylon coated bolt with 3/4" projection and 1/8" steel reinforcement plate. Brass strike housing secured with 1/4-20 Holo-Krome fasteners.

4. Provide devices with heavy-duty, brass escutcheon trim and solid cast levers matching the design style and architectural finishes as the balance of the lockset and latches specified.

5. Cylinders and Keying: Refer to separate Part 2 Products - "Keying" paragraph sub-section for related keying requirements.

6. Three-Point locking system devices shall have a seven-year limited warranty.

7. Three-Point Auto Deadlock Devices shall be FE6800 Series as manufactured by Corbin Russwin Architectural Hardware of Berlin, CT.

Notes

FE6800 Fortified Multi-Point Latching System

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Vaughan, Ontario
Canada L4K 4T9
Phone: 800-461-3007
Fax: 905-738-2478
www.assaabloy.ca

For more information regarding Corbin Russwin Locksets, Exit Devices, Door Controls and Key Systems, contact your authorized Corbin Russwin Distributor or Sales Representative.

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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

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