



Narrow Stile Pushpad
Exit Devices

ED4000 Series



An ASSA ABLOY Group company

ASSA ABLOY

ED4000 Series

Applications

Designed for applications on narrow stile full glass, aluminum and metal doors in high-use and high-abuse situations, ED4000 Series devices can be teamed with a variety of Corbin Russwin trims to provide desired functions, styles and finishes in new construction and renovations, including:

- Schools and universities
- Health care facilities
- Government and municipal buildings
- Factories and warehouses
- Office and retail complexes
- Transportation facilities
- Hotels and conference centers
- Religious facilities
- Theaters and auditoriums





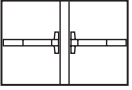
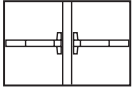
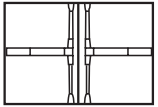
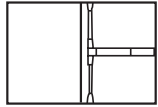
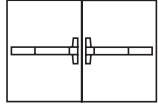
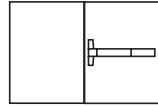
Advantages

- Meets ANSI Grade 1 requirements
- Easy-to-use pushpad for quick egress and ADA compliance
- Low projection for barrier-free code compliance
- Heavy-duty construction
- Quiet operation
- Closed on all sides – no projecting parts to inhibit egress
- Devices accommodate various function trims for flexibility
- Through-bolted trims for strength, security, durability, smooth operation and easy installation
- Wide range of designs and finishes to match other Corbin Russwin products
- One-point dogging
- Devices satisfy UL/cUL safety requirements



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This catalog can be found on the Internet at the Corbin Russwin website at: www.corbin-russwin.com

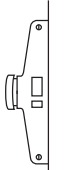

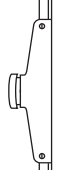

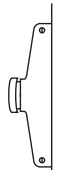

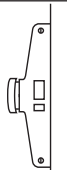

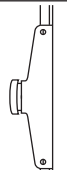

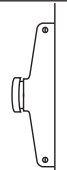

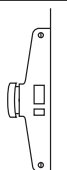
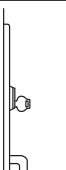
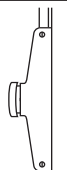

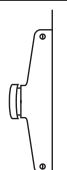
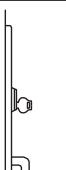
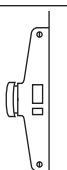
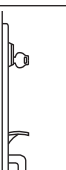
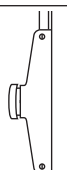
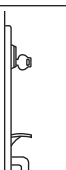
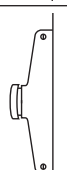
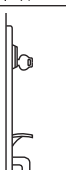
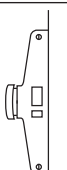

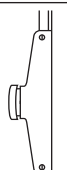

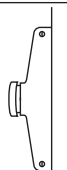

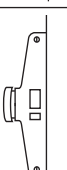


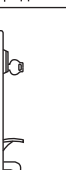
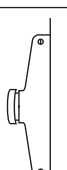
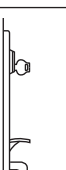
Single Door	Maximum Opening	Application	
Rim ED4200	4' x *	Surface applied; single-point latching.	
SecureBolt™ ED4200S	4' x *	Surface applied; single-point latching.	
Surface Vertical Rod ED4400	4' x 10'	Surface applied; two-point latching.	
Concealed Vertical Rod ED4800	4' x 10'	Rods concealed in door; two-point latching.	
Pair of Doors with Removable Mullion	Maximum Opening	Application	
Rim x Rim ED4200 x ED4200 x 808	8' x 8'	Two independent active doors with removable mullion.	
SecureBolt x SecureBolt ED4200S x ED4200S x 808	8' x 8'	Two independent active doors with removable mullion.	
Pair of Doors	Maximum Opening	Application	
Surface Vertical Rod ED4400 x ED4400	8' x 10'	Two independent doors with two-point latching, swinging in the same direction.	
Surface Vertical Rod (Double Egress) ED4400 x ED4400	8' x 10'	Two independent doors with two-point latching, swinging in opposite directions.	
Concealed Vertical Rod ED4800 x ED4800	8' x 10'	Two independent doors with two-point latching, swinging in the same direction.	
Concealed Vertical Rod (Double Egress) ED4800 x ED4800	8' x 10'	Two independent doors with two-point latching, swinging in the opposite direction.	

Note: All ED4000 Series Narrow Stile Pushpad Exit Devices are UL305 panic listed.
*UL does not set a door height limitation on panic applications.

ED4000 Series Narrow Stile Pushpad Exit Devices

Functions

Exit Only, Pull and Thumbpiece Trims

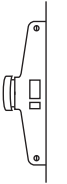



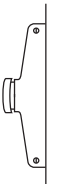

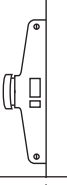

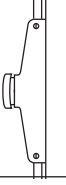

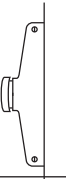







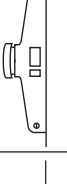









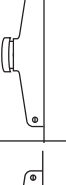







Rim/SecureBolt™ ED4200 ED4200S		Surface Vertical Rod ED4400		Concealed Vertical Rod ED4800		Type	ANSI No.	Function Description
Inside	Outside	Inside	Outside	Inside	Outside			
						Exit Only	01	Exit only; no trim.
						Dummy	02	Entrance by trim when actuating bar is locked down.
						Nightlatch	03	Entrance by trim when latchbolt is retracted by key. Key removable only when locked.
						Classroom*	05	Entrance by thumbpiece. Key locks or unlocks thumbpiece.
						Passage	15	Entrance by trim when latch is released by thumbpiece. Thumbpiece is always active, no cylinder.
						Storeroom (Thumbpiece Active)	06	Entrance by thumbpiece only when released by key. Key removable only when locked.

*Classroom function trims can be converted to Storeroom function by a simple field adjustment.

ED4000 Series Narrow Stile Pushpad Exit Devices

Functions

Knob, Lever and Thumbturn Trims

Rim/SecureBolt™ ED4200 ED4200S		Surface Vertical Rod ED4400		Concealed Vertical Rod ED4800		Type	ANSI No.	Function Description
Inside	Outside	Inside	Outside	Inside	Outside			
						Dummy	02	Entrance by trim when actuating bar is locked down.
						Classroom*	08	Entrance by knob or lever. Key locks or unlocks knob or lever.
						Passage	14	Entrance by trim when latchbolt is released by knob or lever. Knob or lever always active, no cylinder.
						Storeroom (Grip Active)	09	Entrance by knob or lever only when released by key. Key removable only when locked.
						Classroom*	11	Entrance by control turn piece. Key locks or unlocks control.
						Passage	16	Latchbolt retracted by thumbturn.

*Classroom function trims can be converted to Storeroom function by a simple field adjustment.

ED4200S Narrow Stile SecureBolt™ Exit Device



Features

Handing

Device non-handed.
Trim handed.

Bar Length

Easily field cut to size.
Standard: 36" bar fits 30"- 36" (762mm-914mm) door.
Optional: 24" bar fits 24" (610mm) door; specify W024.
Optional: 48" bar fits 36"- 48" (914mm-1219mm) door; specify W048.

Door Thickness

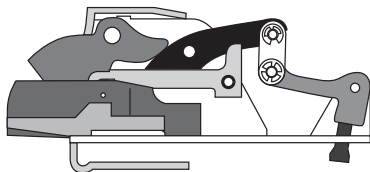
1-3/4" (44mm) standard.
Optional: 2" (51mm); specify D200.
Optional: 2-1/4" (57mm); specify D214.

Stile

Minimum width 2" (51mm).

Deadbolt

Full 3/4" (19mm) projection, 1" (25mm) strike engagement, positive deadlocking by auxiliary bolt.



Cutaway Side View

Materials

High-grade, heat-treated, corrosion-resistant nickel steel alloy. Finished parts are brass, bronze or stainless steel; stainless steel springs; nylon bearings.

Latchbolt: High-grade, heat-treated, corrosion-resistant nickel steel alloy. Slide action deadbolt with positive deadlocking by auxiliary bolt. Two-piece deadbolt mechanism utilizing a roll-back lever which eliminates any contact (friction) with the strike during relocking.

Projection

3-1/4" (83mm) active, 2-3/4" (70mm) dogged.

Dogging

Standard: single-point 1/4 turn hex key dogging.
Optional: less dogging; specify M51.
Optional: cylinder dogging; specify M52.
Optional: electric dogging, specify M97.

Fasteners

Standard: machine screws.
Optional: sex nuts and bolts; specify M54.

Strike

Surface mounted 3/8" (10mm) diameter roller strike, complete with positive locking plate and shims, ensuring low-friction relocking for a long, trouble-free life.

Functions and Trims

Through-bolted lever, knob, pull, thumbturn and thumbpiece trims available with wide range of functions; see Trims and Functions, page 14.

Cylinders

Cylinder not included unless specified. See Quick Codes, page 32.

Removable Mullion

See Mullions, page 27.

Shim Kit

Optional for mounting device over raised vision light molding; specify M58.

Applications and Listings

See page 3.

Warranty

Five-year limited.

Certification/Compliance

ANSI

Meets A156.3, Type 4 or 28, Grade 1.
Meets A117.1 Accessibility Code.

UL /cUL

All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. UL symbol on active case cover indicates listing.

California State Reference Code

This product has been approved by the California State Fire Marshal pursuant to section 13144.1 of the California Health and Safety Code.

NFPA

All exit devices comply with NFPA 101 Life Safety Code.

ADA

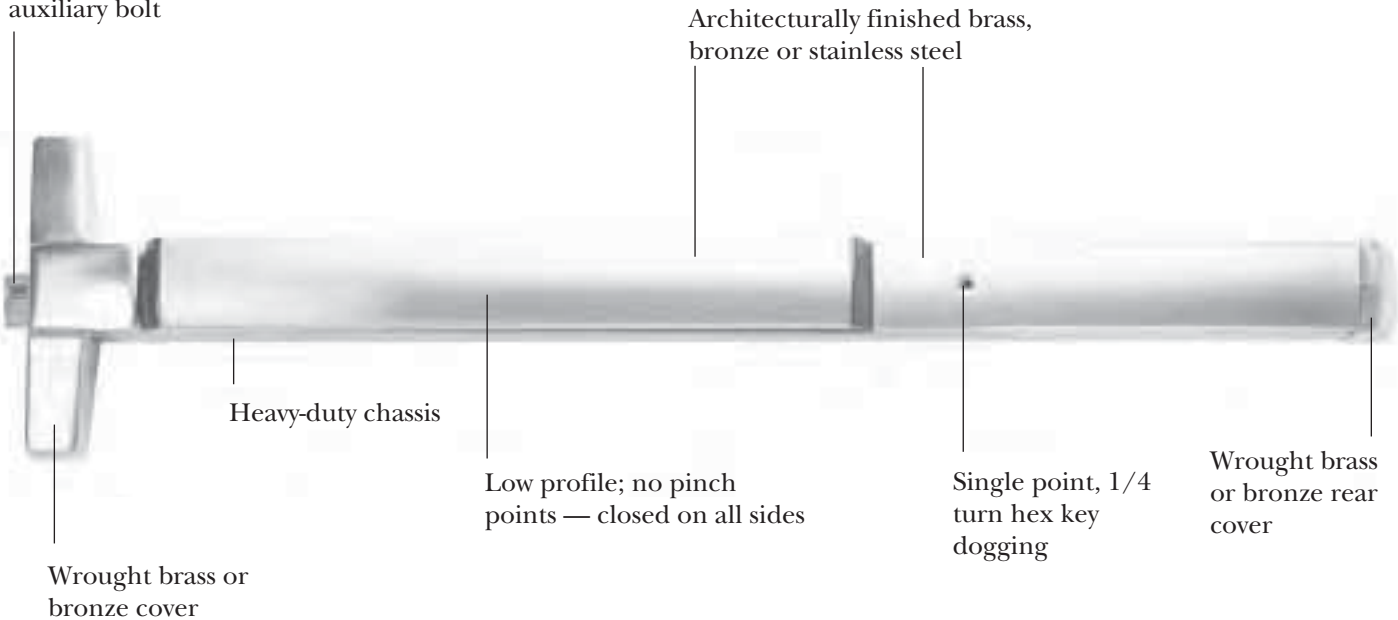
Exit devices, lever trims and pulls comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

ED4200S SecureBolt™ Exit Device

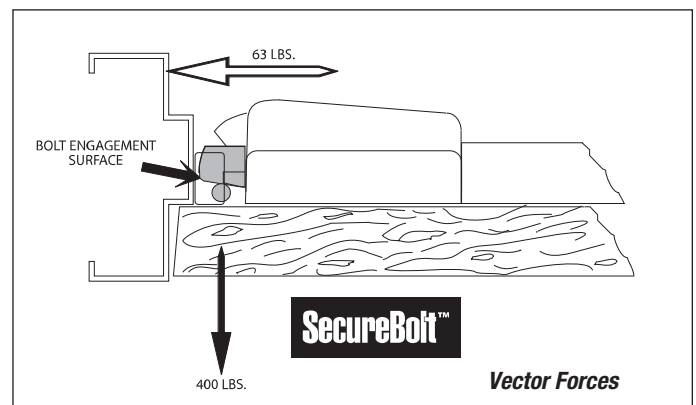
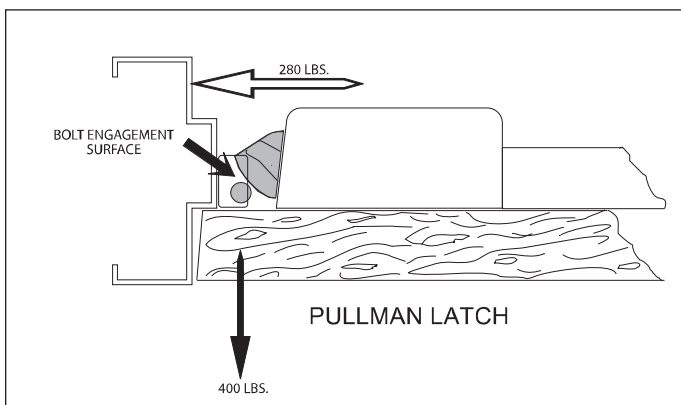
3/4" (19mm) throw deadbolt with positive deadlocking by auxiliary bolt



Vector Forces

In terms of an exit device, vector forces mean that pressure applied to the door results in a force against the stop and the frame, resulting in door/frame separation. The standard pullman latchbolt applies 280 pounds of force against the frame from a 400-pound pull on the door.

The SecureBolt™ exit device only applies 63 pounds of force against the frame from a 400-pound pull on the door. Less force means the door and frame do not separate, providing a higher level of security, as the door cannot be pulled open.



ED4200 Narrow Stile Rim Exit Device



Features

Handing

Device non-handed.
Trim handed.

Bar Length

Easily field cut to size.
Standard: 36" bar fits 30"- 36" (762mm-914mm) door.
Optional: 24" bar fits 24" (610mm) door; specify W024.
Optional: 48" bar fits 36"- 48" (914mm-1219mm) door; specify W048.

Door Thickness

1-3/4" (44mm) standard.
Optional: 2" (51mm); specify D200.
Optional: 2-1/4" (57mm); specify D214.

Stile

Minimum width 2" (51mm).

Latchbolt

3/4" (19mm) throw, pullman type with stainless steel deadlocking latch.

Materials

Heavy-duty cold-forged steel chassis; heavy-gauge steel mechanisms, electroplated for corrosion resistance; finished parts are brass, bronze or stainless steel; stainless steel springs; nylon bearings.

Projection

3-1/4" (83mm) active, 2-3/4" (70mm) dogged.

Dogging

Standard: single point 1/4 turn hex key dogging.
Optional: less dogging; specify M51.
Optional: cylinder dogging; specify M52.
Optional: electric dogging; specify M97.

Fasteners

Standard: machine screws.
Optional: sex nuts and bolts; specify M54.

Strike

Surface mounted 3/8" (10mm) diameter roller strike, complete with positive locking plate and shims.

Functions and Trims

Through-bolted lever, knob, pull, thumbturn and thumbpiece trims available with wide range of functions; see Trims and Functions, page 14.

Cylinders

Cylinder not included unless specified. See Quick Codes, page 32.

Removable Mullion

See Mullions, page 27.

Shim Kit

Optional for mounting device over raised vision light molding; specify M58.

Applications and Listings

See page 3.

Warranty

Five-year limited.

Certification/Compliance

ANSI

Meets A156.3, Type 4, Grade 1.
Meets A117.1 Accessibility Code.

UL /cUL

All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. UL symbol on active case cover indicates listing.

California State Reference Code

This product has been approved by the California State Fire Marshal pursuant to section 13144.1 of the California Health and Safety Code.

NFPA

All exit devices comply with NFPA 101 Life Safety Code.

ADA

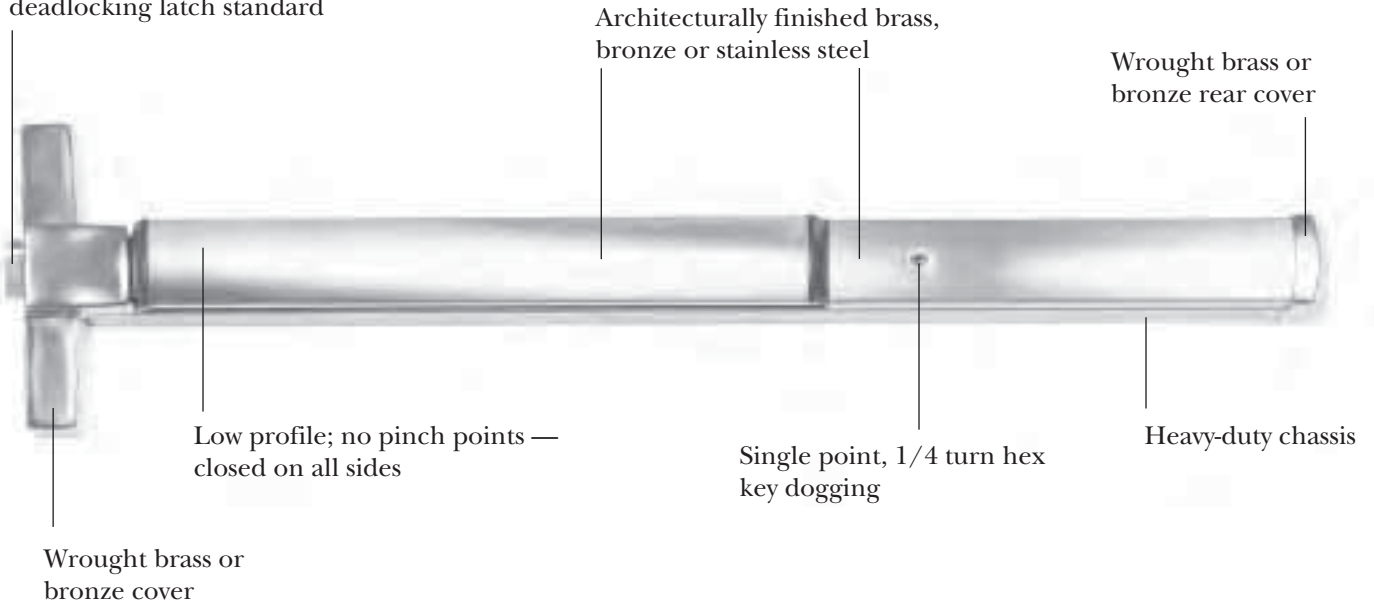
Exit devices, lever trims and pulls comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

ED4200 Narrow Stile Rim Exit Device

3/4" (19mm) throw pullman
type latchbolt with auxiliary
deadlocking latch standard



ED4400 Narrow Stile Surface Vertical Rod Exit Device

Features

Handing

Device is handed but easily field reversible.
Trim handed.

Bar Length

Easily field cut to size.
Standard: 36" bar fits 30"- 36" (762mm-914mm) door.
Optional: 24" bar fits 24" (610mm) door; specify W024.
Optional: 48" bar fits 36"- 48" (914mm-1219mm) door; specify W048.

Door Thickness

1-3/4" (44mm) standard.
Optional: 2" (51mm); specify D200.
Optional: 2-1/4" (57mm); specify D214.

Stile

Minimum width 2" (51mm).

Door Height

Standard: Top rod for 7' door.
All top rods easily field cut to size.
Optional door heights available; see Quick Codes, page 32.

Latchbolt

Top: 3/4" (19mm) throw, pullman type with automatic deadlatching.
Bottom: 5/8" (16mm) throw deadbolt, held retracted during door swing.

Vertical Rods

1/2" O.D. tubular brass, bronze or stainless steel with rod guides.

Materials

Heavy-duty cold-forged steel chassis; heavy-gauge steel mechanisms, electroplated for corrosion resistance; finished parts are brass, bronze or stainless steel; stainless steel springs; nylon bearings.

Projection

3-1/4" (83mm) active, 2-3/4" (70mm) dogged.

Dogging

Standard: single point 1/4 turn hex key dogging.
Optional: less dogging; specify M51.
Optional: cylinder dogging; specify M52.
Optional: electric dogging; specify M97.

Fasteners

Standard: machine screws.
Optional: sex nuts and bolts; specify M54.

Strike

Top: Adjustable roller strike with positive locking plate and shims.
Bottom: flush mounted.
Optional strikes available; see Options and Accessories, page 28.

Functions and Trims

Through-bolted lever, knob, pull, thumbturn and thumbpiece trims available with wide range of functions; see Trims and Functions, page 14.

Cylinders

Cylinder not included unless specified.
See Quick Codes, page 32.

Shim Kit

Optional for mounting device over raised vision light moding; specify M58.

Applications and Listings

See page 3.

Warranty

Five-year limited.

Certification/Compliance

ANSI

Meets A156.3, Type 5, Grade 1.

UL /cUL

All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. UL symbol on active case cover indicates listing.

California State Reference Code

This product has been approved by the California State Fire Marshal pursuant to section 13144.1 of the California Health and Safety Code.

NFPA

All exit devices comply with NFPA 101 Life Safety Code.

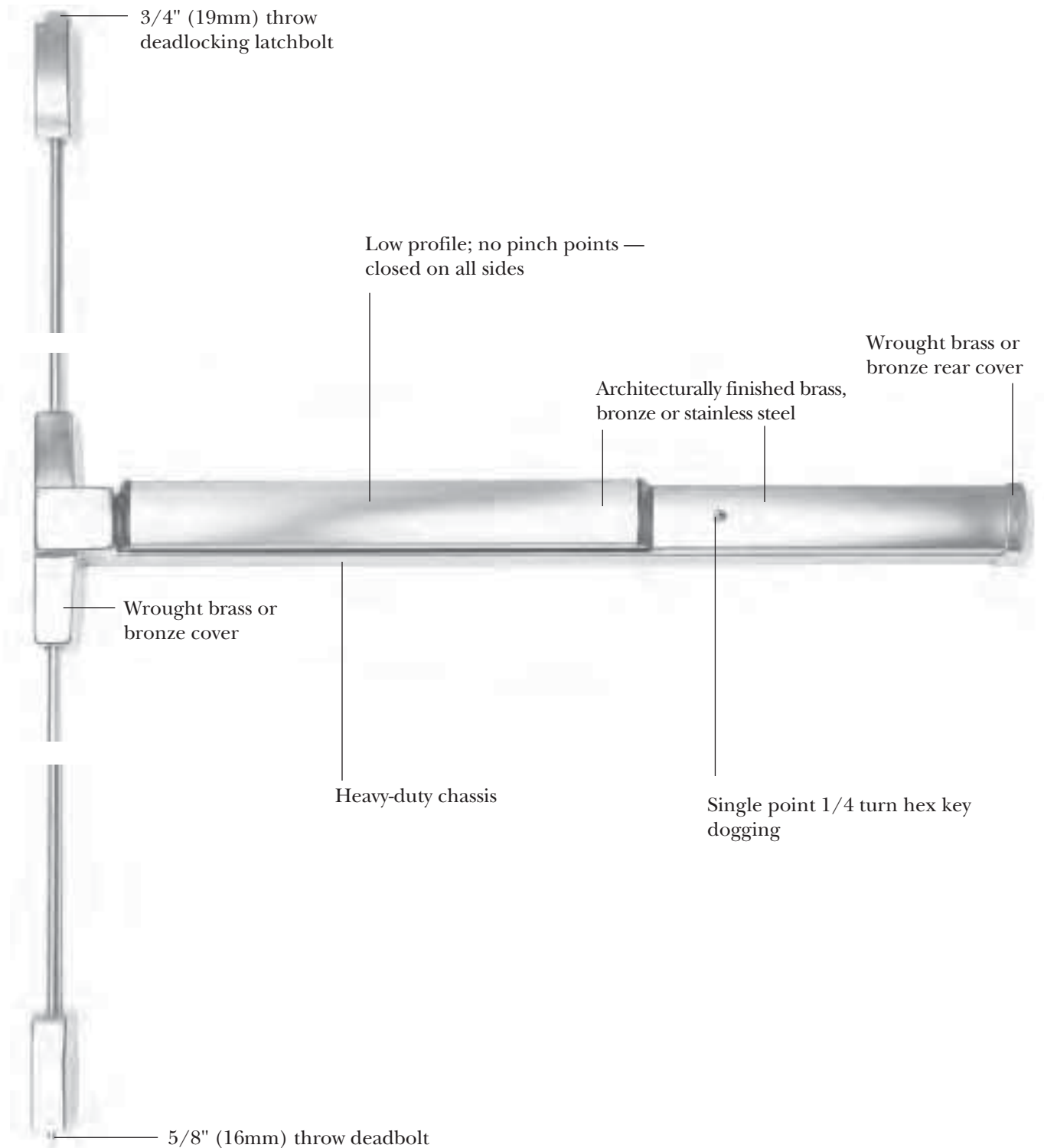
ADA

Lever trims and pulls comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

ED4400 Surface Vertical Rod Exit Device



ED4800 Narrow Stile Concealed Vertical Rod Exit Device



Features

Handing

Device handed but easily field reversible.
Lever trim handed.

Bar Length

Easily field cut to size.
Standard: 36" bar fits 30"- 36" (762mm-914mm) door.
Optional: 24" bar fits 24" (610mm) door; specify W024.
Optional: 48" bar fits 36"- 48" (914mm-1219mm) door; specify W048.

Door Thickness

1-3/4" (44mm) standard.
Optional: 2" (51mm); specify D200.
Optional: 2-1/4" (57mm); specify D214.

Stile

Minimum width 2" (51mm).

Door Height

Standard: Top rod for 8' door.
Telescoping rod assembly to accommodate various door heights.
Optional door heights available; see Quick Codes, page 32.

Latchbolt

Top: 3/4" (19mm) throw, pullman type with automatic deadlatching.
Bottom: 5/8" (16mm) throw deadbolt, held retracted during door swing.

Vertical Rods

1/2" O.D. tubing, electroplated for corrosion resistance.

Materials

Heavy-duty cold-forged steel chassis; heavy-gauge steel mechanisms, electroplated for corrosion resistance; finished parts are brass, bronze or stainless steel; stainless steel springs; nylon bearings.

Projection

3-1/4" (83mm) active, 2-3/4" (70mm) dogged.

Dogging

Standard: single point 1/4 turn hex key dogging.
Optional: less dogging; specify M51.
Optional: cylinder dogging; specify M52.
Optional: electric dogging; specify M97.

Fasteners

Standard: machine screws.
Optional: sex nuts and bolts; specify M54.

Strike

Top: adjustable roller strike with positive locking plate and shims.
Bottom: flush mounted.
Optional strikes available; see Options and Accessories, page 28.

Functions and Trims

Through-bolted lever, knob, pull, thumbturn and thumbpiece trims available with wide range of functions; see Trims and Functions, page 14.

Cylinders

Cylinder not included unless specified.
See Quick Codes, page 32.

Shim Kit

Optional for mounting device over raised vision light moding; specify M58.

Applications and Listings

See page 3.

Warranty

Five-year limited.

Certification/Compliance

ANSI

Meets A156.3, Type 6, Grade 1.
Meets A117.1 Accessibility Code.

UL/cUL

All devices listed for safety as panic hardware; devices comply with UL 305.
UL symbol on active case cover indicates listing.

California State Reference Code

This product has been approved by the California State Fire Marshal pursuant to section 13144.1 of the California Health and Safety Code.

NFPA

All exit devices comply with NFPA 101 Life Safety Code.

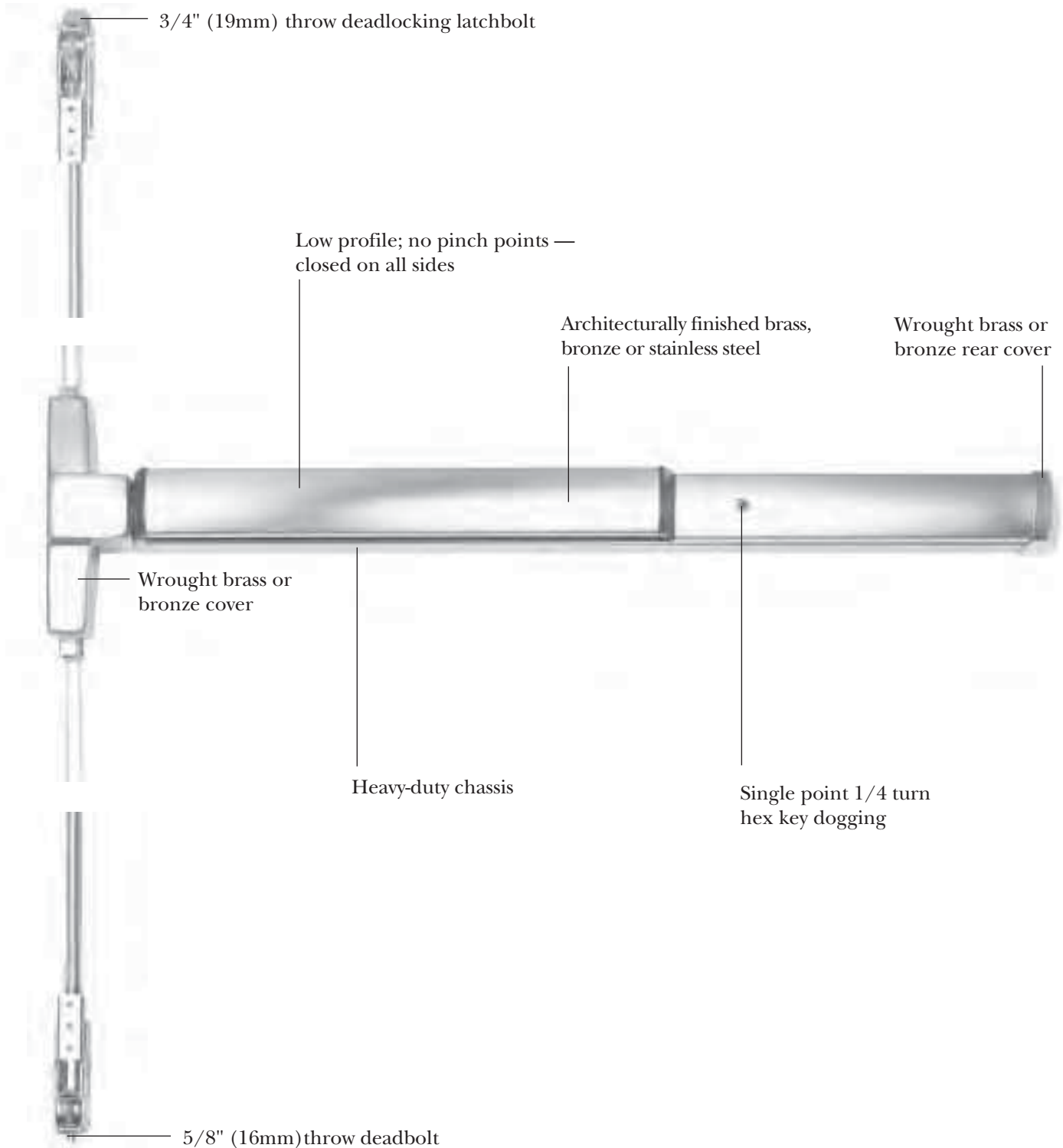
ADA

Exit devices, lever trims and pulls comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

ED4800 Concealed Vertical Rod Panic Exit Device



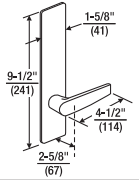


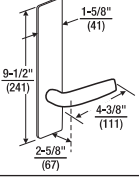


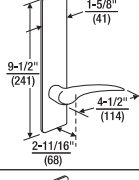


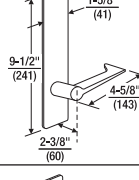


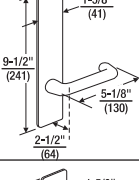


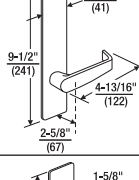


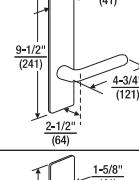


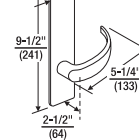


ED4000 Series Narrow Stile Pushpad Exit Devices

Trims and Functions

Features:

- Nine architectural finishes
- Lever designs allow for design continuum with Corbin Russwin line
- 1-year limited warranty

			Trim Designs	Passage ANSI No. 14	Dummy ANSI No. 02	Classroom* ANSI No. 08	Storeroom ANSI No. 09
	Armstrong A8 Lever: Cast Escutcheon: Wrought Cylinder: Rim			A810	A850	A855	A859
	Citation C8 Lever: Cast Escutcheon: Wrought Cylinder: Rim			C810	C850	C855	C859
	Dirke D8 Lever: Cast Escutcheon: Wrought Cylinder: Rim			D810	D850	D855	D859
	Essex E8 Lever: Cast Escutcheon: Wrought Cylinder: Rim			E810	E850	E855	E859
	Lustra L8 Lever: Cast Escutcheon: Wrought Cylinder: Rim			L810	L850	L855	L859
	Newport N8 Lever: Cast Escutcheon: Wrought Cylinder: Rim			N810	N850	N855	N859
	Regis R8 Lever: Cast Escutcheon: Wrought Cylinder: Rim			R810	R850	R855	R859
	Princeton PR8 Lever: Cast Escutcheon: Wrought Cylinder: Rim			PR810	PR850	PR855	PR859


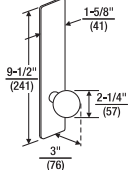

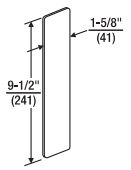

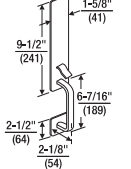




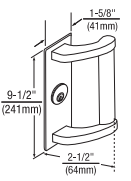

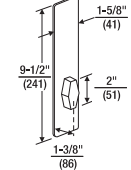

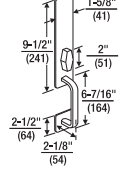


*Note: Classroom function trims can be converted to Storeroom function by a simple field adjustment.

ED4000 Series Narrow Stile Pushpad Exit Devices

Trims and Functions

Features:

- Nine architectural finishes
- Lever designs allow for design continuum with Corbin Russwin line
- 1-year limited warranty

		Trim Designs	Passage ANSI No. 14/15/16	Dummy ANSI No. 02	Classroom ANSI No. 05/08/11	Storeroom/ Nightlatch ANSI No. 03/06/09/12
	Global G8 Knob: Wrought Escutcheon: Wrought Cylinder: Rim		G810 (14)	G850	G855 (08)	G859 (09)
	Plate F4 Plate: Wrought Cylinder: Rim		N/A	F450**	N/A	F457** (03)
	Pull/Thumbpiece T14 Pull: Cast Escutcheon: Wrought Cylinder: Rim		T1410 (15)	 T1450**	T1455 (05)	 T1457** (06)
	 Pull P10 Pull: Extruded Escutcheon: Wrought Cylinder: Rim		N/A	P1050**	N/A	P1057** (03)
	Plate x Thumbturn O8 Plate: Wrought Thumbturn: Cast Cylinder: Rim		O810 (16)	N/A	O855 (11)	O859 (12)
	Pull x Thumbturn O14 Pull: Cast Thumbturn: Cast Cylinder: Rim		O1410 (16)	N/A	O1455 (11)	O1459 (12)
	Key Only K1 Note: Available with cylinder option only. Ex: K157 x 6P		N/A	N/A	N/A	K157** (03)

Note: Classroom function trims can be converted to Storeroom function by a simple field adjustment.

** Not recommended for use with surface or concealed vertical rod exit devices.

* Pull only, no thumbpiece.

Electrified Exit Devices

The Corbin Russwin ED4000 series electrified exit devices offer a complete range of options that may be integrated into the monitoring security and alarm systems of most buildings. The continuum of appearance is maintained, as well as the security and function of the ED4000 mechanical exit device.



List No.	Exit Device Description	Available Options						
		M61	M91	M92	M93	M94	M97	D
ED4200	Rim Exit Device	x	x	x	x	x	x	x
ED4200S	Rim SecureBolt™ Device	x	x	x	x	x	x	x
ED4400	Surface Vertical Rod	x	x	x	x	x	x	x
ED4800	Concealed Vertical Rod	x	x	x	x	x	x	x

Electrified Hardware Option Descriptions

M61	Alarm Option
M91	Bolt Monitor
M92	Touchbar Monitor
M93	Trim Monitor
M94	Electric Latch Pullback
M97	Electric Dogging
D	Delayed Egress

Notes:

- The following options cannot be ordered together on the same device:

D x M52	M52 x M61
D x M61	M52 x M97
D x M92	M61 x M92
D x M94	M94 x M97
D x M97	ED4400 x M61 with Monitors M91, M92 or M93
- When ordering a Surface Vertical Rod exit device with the D option (ED4400D), rod and latch guards (provided by others) must be used.

Electric Latch Pullback - M94

Continuous-duty solenoid retracts the latchbolt(s) for momentary or maintained periods of time. Latch Pullback provides a remote means of unlocking exit devices.

Application

SecureBolt™ Exit Devices
Rim Exit Devices
Surface Vertical Rod Exit Devices
Concealed Vertical Rod Exit Devices

Listings

UL listed for Panic Exit Hardware.

Electrical Specifications

Requires 781N Controller (120VAC or 240VAC input, output sequencer for one or two devices). No substitutes; using other power sources voids warranty. Requires a 4-wire electrical transfer pivot or hinge. (see page ED4000.21)

Solenoid

A dual retraction/holder type solenoid.

10 Amp in rush @ 24VDC to 28VDC
(.172 Amp holding-continuous duty.)

Device bolts remain retracted for as long as the device is energized. Removal of power returns the device to the life safety, self-latching mechanical mode.

Interface with central or local fire alarm system, automatic door operators, access control systems, security alarm systems, and blow open door systems.

Note: This feature is not available with electric dogging (M97) or delayed egress (D) on the same device.

Ordering

Specify quick code M94.

Electric Dogging - M97

This electronic feature will provide continuous dogging when power is applied and the push bar is depressed manually. Interruption or removal of the power will release the pushbar and return the exit device back to normal operation.

Application

SecureBolt™ Exit Devices
Rim Exit Devices
Surface Vertical Rod Exit Devices
Concealed Vertical Rod Exit Devices

Listings

UL listed for Panic Exit Hardware.

Electrical Specifications

.35 Amps @ 24VDC-28VDC continuous duty (2) 36 volt holding magnets holding force (86 lbf. total)

Note: This feature is not available with latch pullback (M94), delayed egress (D) or cylinder dogging (M52) on the same device.

Ordering

Specify quick code M97.

Delayed Egress Exit Device

The delayed egress option provides additional security and safety in a strong line of panic hardware. The delayed egress exit device is an electromechanical device used to secure interior or exterior openings. The option is available for rim, SecureBolt™ and concealed vertical rod devices in all standard finishes.

Operation

The exit door is normally closed and latched. The Delayed Egress Exit Device “D” secures the door in the locked mode with the solid Red LED indicating locked mode status. Depressing the push pad for less than 3 seconds will sound the nuisance beep without initiating the alarm. Depressing the pushpad for 3 seconds or longer will initiate an irreversible local audible beeping tone and a visual amber indicator until the device releases. The person depressing the exit bar is denied egress for 15 or 30 seconds and security personnel are alerted. After the delay time of 15 or 30 seconds the device releases, the LED changes to Green, and the alarm changes to a steady tone which continues to alarm until manually reset by key. The remote monitoring contact outputs can be used to alert security personnel.

Note: The 15-second time delay is standard. 30-second time delay is optional (may be accepted by local jurisdiction).

Applications

- For use on hollow metal interior or exterior doors.
- Complies with NFPA 101 “Code For Safety To Life From Buildings And Structures” by National Fire Protection Association.
- BOCA options available to comply with National Building Code requirements. BOCA option is not suitable for installations in accordance with NFPA 101.
- 1-3/4" door thickness standard; 2" and 2-1/4" optional; specify D200 or D214 when ordering.
- Standard 36" device fits 36" doors only. Device cannot be cut less than 36".
- Option W048 fits doors 42" – 48". Devices cannot be cut less than 42".



Listing

- UL/cUL Listed
 - Controlled Exit Panic Devices (FULA/FULA7)
 - Special Locking Arrangements (FWAX/FWAX7)
- BHMA (ANSI A156.3 and ANSI A156.24) Directory of Certified Exit Devices

Specifications

Input Voltage: 24VDC (+/- 10%)
Regulated and filtered.

Power Consumption

- Standard Device: 500 mA

Standard Features

Key Switch Operation:

- Normal: The system is armed by applying power to the device (solid Red LED). Depressing the pushpad for more than the nuisance delay time starts the exit delay cycle.
- Bypass: Turning the key switch clockwise to the bypass position allows immediate egress without alarming. The bar functions as a standard exit device. (Red LED flashes slow.)
- Reset/Delay: Used to reset device after the factory set 15 or optional 30-second delay cycle has timed out. If the device is armed, turning the key switch counterclockwise to the reset mode will release the device without alarm for egress and will rearm after 10 seconds. (Red LED flashes quickly.)

Local Visual Status Indicator:

- RED: The exit device is secure and the delayed egress circuitry is energized.
- AMBER: The egress cycle has started, indicated by an irreversible local audible beeping tone.
- GREEN: Exit device is in alarm and has released.

Nuisance Delay Time:

Depressing for less than 3 seconds sounds an audible beep without activating the irreversible alarm sequence. (Immediate alarm can be selected by removing a jumper on the control board.)

Internal Alarm Siren:

When the exit device is armed, depressing the push pad initiates the internal 85db alarm siren.

Remote Control Inputs:

- Remote Reset: Accepts a momentary contact (keyswitch, pushbutton, etc.) to reset the unit during alarm or allows momentary egress (10 seconds) when the unit is armed.
- Remote Bypass: Accepts a momentary contact to put the unit in a maintained bypass operation. The exit device functions as a standard device.

Alarm Outputs:

Two sets of normally open and normally closed contacts. Contacts change only during alarm status. One set of contacts changes when device delay cycle has started (Alarm). One set of contacts changes when device has released (Secure).

Door Sign:

Door sign per code included.

Note: This feature is not available with,

M52 Cylinder Dogging
M61 Alarm Option
M92 Touchbar Monitor
M94 Electric Latch Pullback
M97 Electric Dogging

How to Order

Specify “D” suffix after device.
Example: ED4200SD

Delayed Egress Exit Device

Options

Bolt Position Monitor M91:

SPDT (Single Pole Double Throw) switch that monitors the position of the latchbolt or vertical rods. To order, specify M91.

Outside Trim Monitor M93:

Used when outside trim is desired to be used with an external door position switch (by others) input. This switch will allow Bypass (disarms device) when the trim is used for ingress. The device requires setting after entry by means of the keyswitch on the device or a remote switch. To order, specify M93.

Note: If an external DPS is not used, standard trim will allow entry without affecting the device in an armed mode. The device will only be affected when the touchbar is depressed.

NFPA 101 Requirements:

30 Second Delay M88

Upon depressing the pushpad for 3 seconds or longer, the device will sound an audible beeping tone and allow the door to be opened after 30 seconds. The tone will then change to a continuous alarm until reset. Resetting of the alarm and re-arming of the device is accomplished by manual means only. To order, specify M88.

Note: Where approved by the authority having jurisdiction, a delay not exceeding 30 seconds shall be permitted.

BOCA Requirements:

BOCA 15 Second Delay M89

BOCA 30 Second Delay M90

Upon depressing the pushpad for 1 second or longer, the device will sound an audible beeping tone and allow the door to be opened within 15 (or 30) seconds. The tone will then change to a continuous alarm until rest. Resetting of the alarm and re-arming of the device occurs automatically once the door has been returned to the closed position for 30 seconds. The 30-second re-arming timer will re-start if the pushpad is depressed or the door is re-opened before actual re-arming of the device occurs. A DPS (Door Position Switch) is required for the BOCA option. To order, specify M89 (BOCA 15 second) or M90 (BOCA 30 second).

Note: BOCA option is not suitable for installations in accordance with NFPA 101.

Required Accessories

Power Supply:

A regulated and filtered power supply with a Fire Alarm interface is required. 1 Amp minimum @ 24VDC per device. Special options will require more amperage. Consult factory.

To order, specify:

- FABPS-24-1 (1 AMP)
- FABPS-24-2 (2 AMP)
- FABPS-24-4 (4 AMP)

Power Transfer:

Allows the power to make the transition from frame to door without pinching or removal of insulation. Optional power transfer: FAEPTL – concealed transfer for up to and over 120° swing doors. To order specify Part No. 704F28. Consult Folger Adam® catalog for additional recommended power supplies and accessories.

**FAEPTL
Power
Transfer**

**FAEPT
Doors up to
120° swing.**

Trims

See Trims and Functions, pages 14-15.

Cylinders

Utilizes a 1-1/8" mortise cylinder with an A02 cam. Cylinder not included unless specified. See Quick Codes, page 32.

Warranty

Exit devices carry a five-year limited warranty. Electronic components and trim carry a one-year limited warranty.

M61 Option and ED40AK Alarm Kit



Activation

Alarm is armed by turning key clockwise. Low audible chirp indicates alarm has been activated. 20-second delay allows egress before alarm is set (selectable, 7, 10, 15 and 20) Alarm will sound when the exit device pushpad is depressed.

Continuous Alarm Mode

Alarm sounds continuously when the exit device pushpad is depressed. Alarm must be manually reset by keyswitch. Dip switch setting allows auto reset from 2, 5 or 10 minutes. LED flashes after device has reset.

Low Battery Warning

Audible chirp every 30 seconds.

Warning Decal

“EMERGENCY EXIT-ALARM WILL SOUND” provided.

REX and Passage Delay

A 7, 10, 15 or 20-second delay (after arming) permits egress (by turning key clockwise).

Alarm Shunt

Shunt alarm input for devices with signal, outside trim monitors (M91 & M93) or card access.

Power Requirements

One 9-volt battery (included).

Alarm Strength

105db @ 10 feet.

Arm/Disarm

Requires one 1-1/8" mortise cylinder with an A02 cam. Clockwise turn arms the alarm, counterclockwise turn disarms or silences the alarm. Low audible chirp indicates alarm has been activated.

Device Status

A Red LED indicator will illuminate every 30 seconds when the alarm is armed. DIP switch allows LED to be changed to green if desired.

Tamper Resistant

Built-in safety monitor sounds alarm when tampering occurs.

Cylinders

Cylinder not included unless specified. See How to Order, page 32.

Door Width

Available for 36"-48" devices only. Not available with devices less than 36".

Quick Code

M61

Kit

Available in kit form for field retrofit. Order ED40AK.

Exceptions

Dogging not available with M61 option and ED40AK alarm kit. The ED40AK for the ED4000 series exit devices cannot be retrofitted in the field to ED4400 series surface vertical rod exit devices.

The alarm option is available for the surface vertical rod devices by factory order only. To order, add the quick code suffix M61 to the device number; for example, ED4400 x M61.

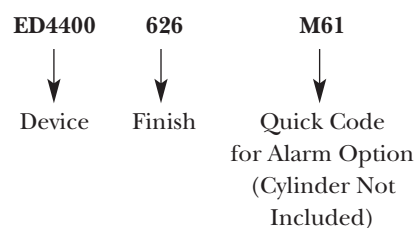
Please note, in accordance with Corbin Russwin's standard limited warranty, any attempt to retrofit the ED40AK to a surface vertical rod exit device will void the warranties for these products.

Surface vertical rod exit devices with M61 alarm option cannot be ordered with M91, M92 or M93 monitors.

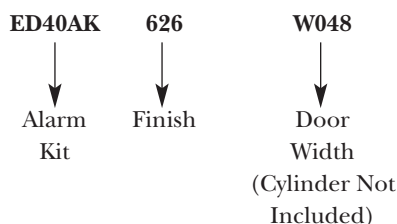
M61 alarm option is not available with delayed egress (D).

How to Order

Ordering example for Exit Device



Ordering Example for Alarm Kit Only



781N Series Controller

Operation

Designed to control one or two electric latch pullback M94 exit devices. Equipped with two 20-second timers which can operate the exit devices together or independently. Requires a momentary or timed, dry contact input and can be interfaced with access control systems, automatic door operators, "blow open" applications and has provisions for Fire Alarm systems.

Features

- 2 control inputs. Accepts normally closed dry contacts for device activation from a keyswitch, pushbutton, access control or fire alarm system.
- 2 normally open control outputs for automatic door operators
- 2 M94 device outputs
- Fire Alarm Interface input
- 12VDC output for audible or LEDS .25 Amp
- 24VDC output for audible or LEDS .25 Amp

Wiring

Up to 40 feet: 16 AWG wire
Up to 60 feet: 14 AWG wire
Up to 100 feet: 12 AWG wire

Electrical Specifications

- 120VAC or 240VAC 60 Hz Power input
- 10 Amp inrush for 100 milliseconds
- Holding voltage @ 28 volts unregulated

Listings

Listed as an Exit Device Control Unit to UL 294 requirements.

Note: The 781N is the only power source to be used with the M94 option. Using any other power supply will void the warranty and cause possible damage to the exit device.

Ordering

781N-120 (120VAC input)
781N-240 (240VAC input)

FABPS-24-2 Power Supply

Provides 2 Amps of output current at 24VDC and can control a total of 5 Electric Dogging Devices. A separate switching device (key switch or push button) must be used to control the locking device.

Specifications

- 120VAC Input Power
- 24VDC @ 2 Amp Output
- Fire Alarm Interface

FABPS-24-4 Power Supply

Provides 4 Amps of output current at 24VDC and can control a total of 10 Electric Dogging Devices. A separate switching device (keyswitch or push button) must be used to control the locking device.

Specifications

- 120VAC Input Power
- 24VDC @ 4 Amp Output
- Fire Alarm Interface

FAEPTL

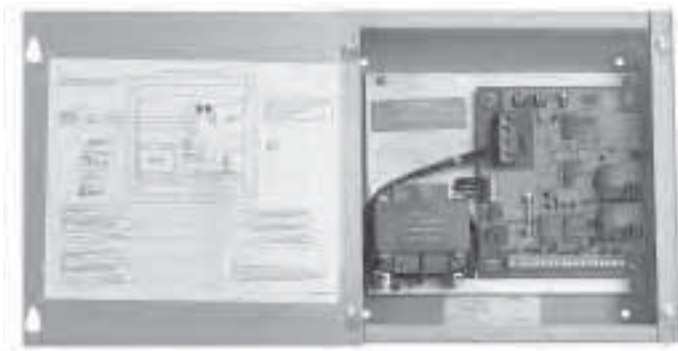
Concealed power transfer for over 120° swing doors. Installs in door and frame edges. Supports wires up to .25" (6mm) thick, and works with doors hung with butt hinges, continuous hinges and pivots. To order, specify Part No. 704F28.

FAEPT
Doors up to
120° swing.



FAEPTL

781N Series Controller



Monitors - M91, M92, M93

Operation

Monitors are used to indicate the authorized and unauthorized use of an opening or to signal and control other opening hardware, such as magnetic locks. Each monitoring device is equipped with one internal single-pole double-throw (SPDT) switch per monitor.

Bolt Position Monitoring - M91

Provides indication of the position of the deadlatch or vertical rods. Used with security systems to monitor the deadlatch in rim, securebolt devices and rods in CVR & SVR devices.

Application

See chart on page 16.

Listings

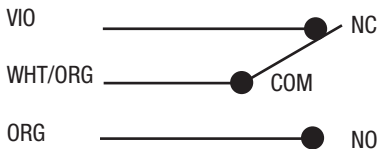
UL listed for Panic Exit Hardware.

Electrical Specifications

5 Amps @ 28VDC SPDT contacts.

Ordering

Specify quick code M91.



Touchbar Monitoring - M92

Provides indication of the pushpad being depressed. Used as a request to exit to shunt alarm systems, release electromagnetic locks or monitor egress.

Application

See chart on page 16.

Listings

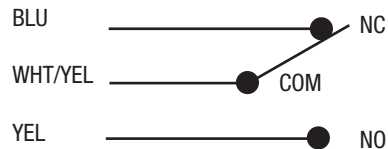
UL listed for Panic Exit Hardware.

Electrical Specifications

4 Amps @ 250 VAC SPDT contacts.

Ordering

Specify quick code M92.



Outside Monitoring or Signaling - M93

Provides indication of the device being operated from the outside. Used as a request to enter signal switch to shunt alarms; also used to monitor entry.

Application

See chart on page 16.

Listings

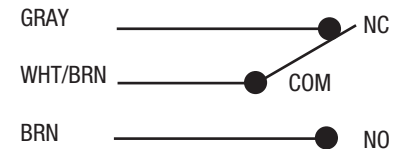
UL listed for Panic Exit Hardware.

Electrical Specifications

5 Amps @ 28VDC SPDT contacts.

Ordering

Specify quick code M93.



Power Supplies

Operation

Power supplies are designed to provide reliable filtered and regulated power for long life to a variety of electrified hardware components. All modular power supplies are designed to meet UL 1481 Standards. Recommended for the M97 and delayed egress exit devices.

Features

- Fire panel emergency release input
- PC Board mounted system LED indicator
- Regulated and filtered with input and output protection
- Battery charging is provided from a separate output terminal

Ordering

Power supplies are available through Corbin Russwin. To order, specify:

Electrical Specifications

- Inputs: 115VAC @600mA (230 VAC optional), 50Hz/60Hz
- Outputs: 24 VDC @ 1 Amp, 2 Amp or 4 Amp, Filtered and regulated output

Listings

- UL & cUL listed 1012 General Purpose Power Supply
- Fire & Burglar Alarm Power Supply Unit URT2
- Releasing device Accessory SYSW
- Access Control Systems Units ALVY
- Burglar Alarm Systems Power Supply APHY

Applications

- D – Delayed Egress
- M97 – Electric Dogging



Model	Enclosure	Input	Output
FABPS-24-1	12" (304mm) x 9" (229mm) x 4" (102mm)	115VAC, 50/60 Hz.	1.0 Amp @ 24 VDC
FABPS-24-2	14" (356mm) x 14" (356mm) x 4" (102mm)	115VAC, 50/60 Hz.	2.0 Amp @ 24 VDC
FABPS-24-4	15" (381mm) x 18" (457mm) x 6" (152mm)	115VAC, 50/60 Hz.	4.0 Amp @ 24 VDC

Exit Controls and Switches

Key Switches



FAMKA

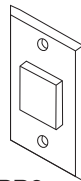
FAMKA - (1) SPDT Maintained
 FAMK - (1) SPDT Momentary
 FAMKN - (1) SPDT Momentary NS
 FAMK2 - (1) DPDT Momentary
 FAMKPZ xMKS - (1) SPDT Momentary with audio Double Gang x Additional Switch

Note: All keyswitches come standard with 12/24 VDC Bi-Color LED.

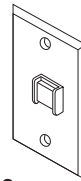
Specifications

- Keyswitch for operation using a standard 1-1/4" mortise cylinder (cylinder not included).
- Contact Rating 5 Amps @ 12-24VDC.
- SPDT 3-position.

Push Button



FAPB2



FAPB3

FAPB3 - (1) DPST Momentary
 FAPB3A - (1) DPST Maintained (Alt. Action)
 FAPB2 - (1) SPDT Momentary
 FAPB3EA - (1) DPST Alternate
 FAPB2 - (1) DPST Remote Momentary

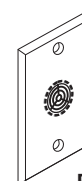
Specifications

- 3 Amps @ 12-24 VDC

Indicator

FAZLP - (1) Red and Green LED on narrow gang plate.

Audible/Visual Annunciators



FAPZ1

FAPZ1 - Sonalert 90lb @ 2ft.
 12-24VDC
 Mounted on one gang stainless steel plate.

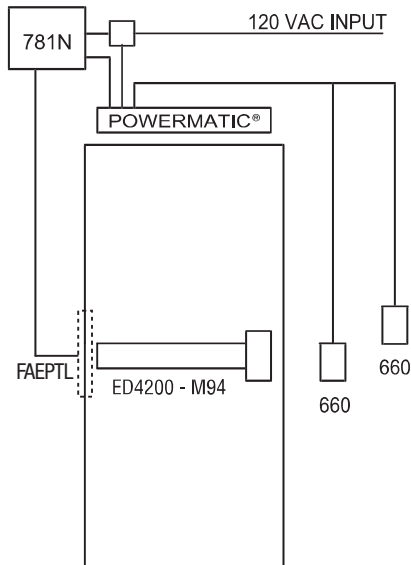
Digital Entry

FADK-11 - Digital Keypad - 4 user
 FADK-26SS - Digital Keypad NS - 59 user - SS Finish
 FADK-26BK - Digital Keypad NS - 59 user - Black Finish

Power Transfers

FATSB B-C - Door Cord

Latch Pullback - M94 Option



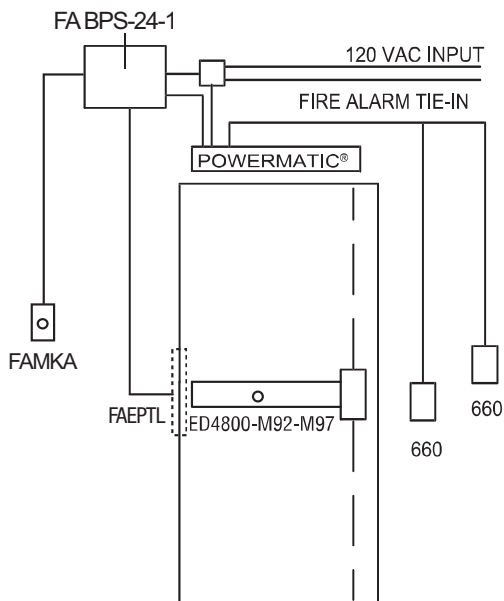
Components

ED4200 x M94 Latch Pullback Exit Device - Corbin Russwin
 781N Power Control Unit - Corbin Russwin
 6900 Operator - Norton®
 660 Push Pads - Norton®
 FAEPTL - Corbin Russwin

Operation

Operation of Push Pads from either side of door will activate the 781N Controller for the Latch Pullback Exit Device. An internal timer on the 6900 will also provide length of time door is open and latch being retracted. Door operator also acts like standard closer when opened manually.

Electric Dogging & Touchbar Monitoring Switch - M97 & M92



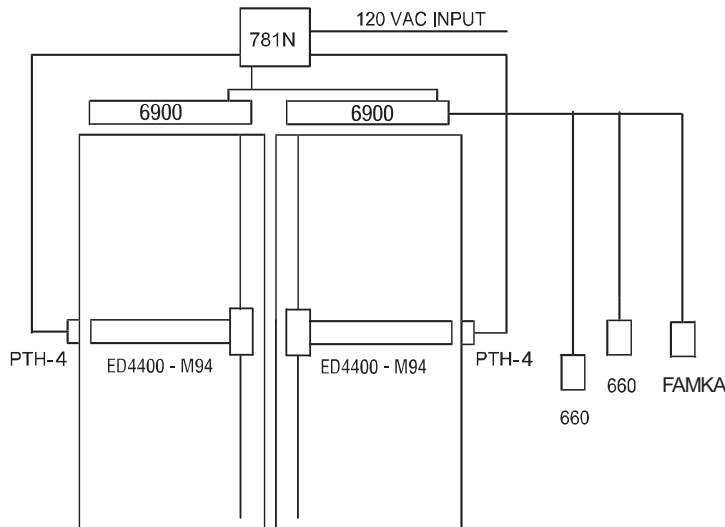
Components

ED4800 x M92 x M97 with Cyl. + Bar Monitor & Electric Dogging - Corbin Russwin
 6900 Operator - Norton®
 660 Push Pads - Norton®
 FAEPTL - Corbin Russwin
 FABPS-24-1 - Corbin Russwin
 FAMKA Key Switch - Corbin Russwin

Operation

Operation of Electric Dogging combined with the Door Monitor Switch will enable Push Pads for operation of the 6900. A maintained keyswitch will control the activation of the electric dogging which is powered by the FABPS-24-1 Power supply. A Fire Alarm Tie-In, if required, will release the dogging and let the operator work in manual mode when activated. (NOTE: Electric Dogging is not automatic like Latch Pullback. It requires the bar to be pushed in manually the first time after applying power.)

Latch Pullback - M94 Option with Norton® Powermatic® Door Operator



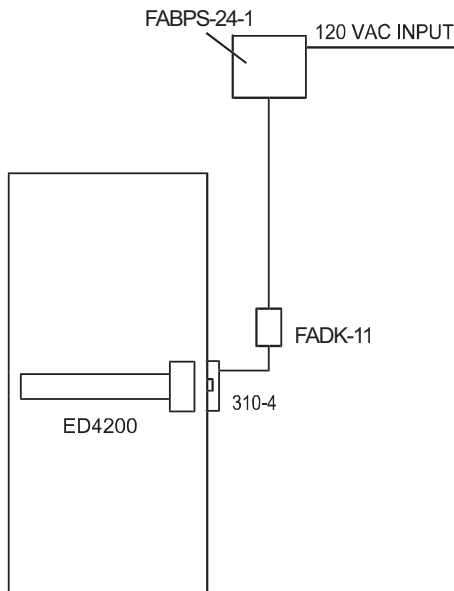
Components

ED4400 x M94 Latch Pullback Exit Device - Corbin Russwin
 781N Power Control Unit - Corbin Russwin
 6900 Operator - Norton®
 660 Push Pads - Norton®
 PTH-4 Power Transfer Hinge - Folger Adam®
 FAMKA Keyswitch - Corbin Russwin

Operation

Activation and operation of Push Pads from either side of door will be controlled by the FAMKA Maintained Keyswitch. The Push Pads will in turn activate the 781N Controller for the Latch Pullback Exit Device. An internal timer on the 6900 will coordinate and prevent the door from being opened before latch retraction takes place. Standard timers on the 6900 will also provide length of time door is open and latch being retracted. Door operator also acts like standard closer when opened manually.

Rim Device with Electric Strike



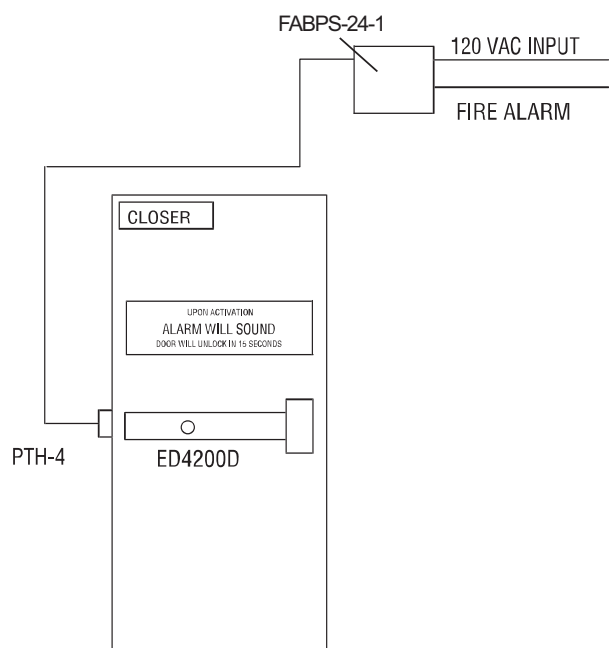
Components

ED4200 Exit Device - Corbin Russwin
 FADK-11 Digital Keypad - Folger Adam®
 310-4 Electric Strike - Folger Adam®
 FABPS-24-1 Power Supply - Corbin Russwin

Operation

Operation of FADK-11 Digital Keypad will allow keyless entry from the non-protected side of opening. Free exit using the exit device from the protected side of the door.

Rim Exit Device with Delayed Egress Option on “Exit Only” Door



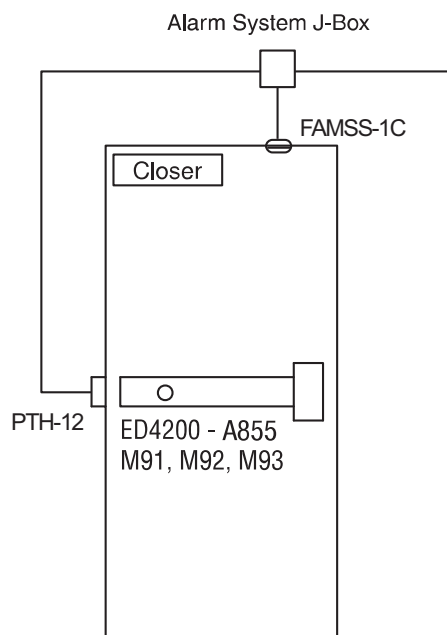
Components

ED4200D Delayed Egress Exit Device - Corbin Russwin
 PTH-4 Power Transfer Hinge - Folger Adam®
 FABPS-24-1 Power Supply - Corbin Russwin
 Surface Door Closer - Corbin Russwin

Operation

Operation of the ED4200D Exit Device will sound an alarm and activate either a 15- or 30-second alarm sequence inside of the exit device. After this time period, the device will release the pushbar, making it active, and egress is possible. When the fire alarm is activated, power to the exit device will be interrupted, allowing free egress and mechanical latching. Authorized alarm bypass and reset is done through the built-in keyswitch located in the exit device.

Rim Exit Device - High Security Application M91, M92 and M93 Monitoring Switch Options With FAMSS-1C Door Position Switch



Components

ED4200 - A855 Nightlatch Trim - Corbin Russwin
 M91 Bolt Monitor Switch
 M92 Touchbar Monitor Switch
 M93 Trim Monitor Switch
 FAMSS-1C Door Position Switch - Folger Adam®
 PTH-12 Power Transfer Hinge - Folger Adam®
 Surface Door Closer - Corbin Russwin

Operation

Operation of the ED4200 Exit Device with the M91, M92, M93 and FAMSS-1C can be used together or individually to sound an alarm, shunt an alarm, monitor the door's security or as a "Request to Exit" in conjunction with a magnetic lock.

808 Mullion

Used to install two Rim Exit Devices in a double door opening. May be quickly and easily removed when a full double door opening is temporarily required.

Materials and Finish

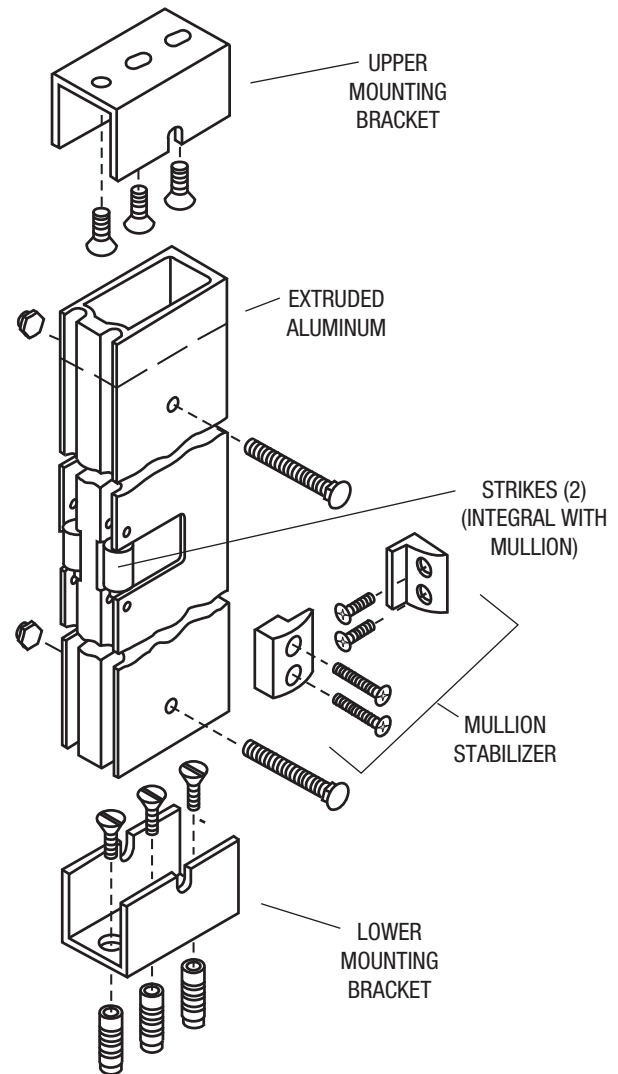
Extruded aluminum mullion, 1-1/4" x 3-1/2" x 8', supplied with two integral strikes, top and bottom mounting brackets, two sets of mullion stabilizers, and zinc-plated fasteners for metal frames and concrete floors. May be cut, drilled and tapped in the field for Rim Exit Devices. Available in 628 and 695 finishes.

Ordering

To order, specify Part No. 808 x Finish.

Mullion Stabilizer Kit

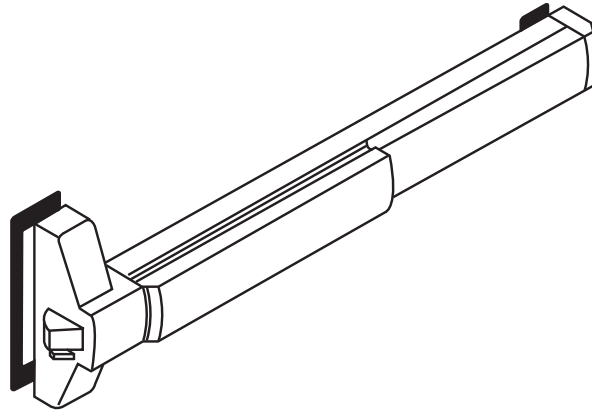
Controls the movement of the mullion. Recommended for openings over 7' high or whenever door movement must be minimized. Available in 628 and 695 finishes. Two sets supplied standard with all 808 mullions. To order separately, specify Part No. 653F11-1 x Finish.



Shim Kits

Designed for mounting an exit device over raised vision light molding. Each kit contains two sets of 1/8" thick shims to shim a device 1/8" (3mm) or 1/4" (6mm). Black finish. To order with exit device, specify M58. To order separately, specify Part No.

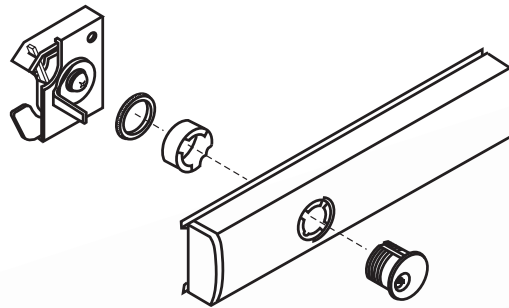
Exit Device Type	Shim Kit Part No.
ED4200, ED4200S, ED4800	697F35-8
ED4400	697F36-8



Cylinder Dogging Kits

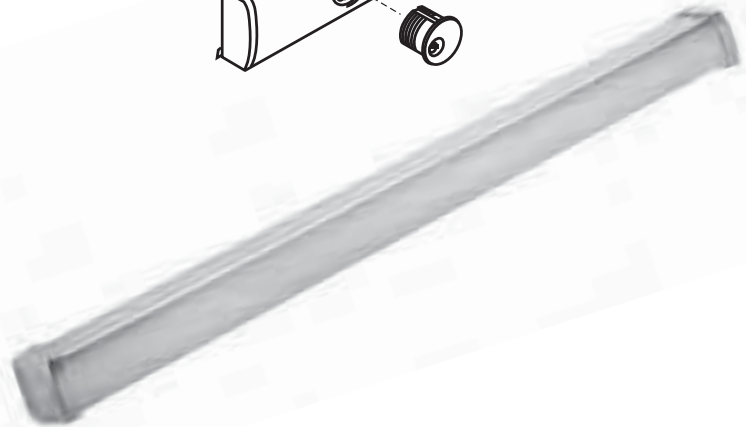
Designed to convert a panic device from hex key dogging to cylinder dogging. To order cylinder dogging kit, specify Part No. x Finish below. Cylinder not included.

Bar Length	Cylinder Dogging Kit Part No.
36" (914mm)	653F13 x Finish
48" (1219mm)	653F14 x Finish



ED5000DB Inactive Bar

Non-operating dummy pushbar available for doors up to 48" wide. May be field cut for narrower doors. To order, specify ED5000DB x Finish.



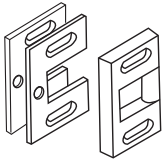
Surface and Concealed Vertical Rod Extension Kits

Used to extend the height of standard length rods supplied with ED4400 and ED4800 Series exit devices. Available in 2", 6" and 12" sizes. To order with exit device, see How to Order, page 31. To order separately, specify Part No. x Finish.

Rod Extension	Rod Extension Kit Part No.
2" (50mm)	655F15 x Finish
6" (152mm)	655F16 x Finish
12" (305mm)	655F17 x Finish

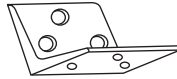
Rim Strike

(Screws Included)



Rim Strike

Standard on ED4200 and ED4200S devices, Supplied with two 1/16" (2mm) shims. For doors with 1/2" (13mm) or 5/8" (16mm) stop. Adjustable to compensate for shrinkage and swelling of door. 3" x 2" (76mm x 51mm). Black finish only. To order separately, specify 650F31-8.



Flush Transom Top Strike Bracket

Optional for use with ED4400 devices. Used to mount top strike on openings with flush transom. 2-1/2" x 1-5/8" (64mm x 41mm). Black finish only. To order with exit device, specify M67. To order separately, specify 650F87-8.

Filler Plates

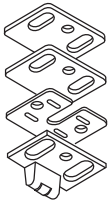


Optional for use on stock metal doors when required. To order, specify Part No. x Finish.

Front: 334F99-8 600

Surface and Concealed Vertical Rod Strikes

(Screws Included)



Top Strike

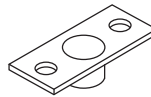
Standard on ED4400 and ED4800 devices. Supplied with two 1/16" (2mm) shims and one 1/16" (2mm) locking plate. Adjustable to compensate for shrinkage and swelling of door. 1-9/16" x 15/16" (40mm x 24mm). Black finish only.



Bottom Strike

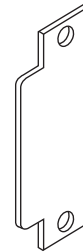
Standard on ED4400 and ED4800 devices. 1-1/16" (27mm) diameter x 1/16" (2mm) lip x 11/16" (17mm) high. Black finish only.

Both top and bottom strikes are included in the vertical rod parts packet. To order parts packet, specify 650F57-8.



Bottom Strike for 1/2" Thresholds

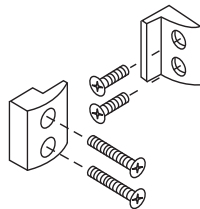
Optional for use with ED4400 and ED4800 devices. Required for 1/2" (13mm) threshold or for flush mount. 2-5/8" x 1-1/16" (67mm x 27mm). Black finish only. To order with exit device, specify S09. To order separately, specify 650F88-8.



Optional for use on stock metal doors when required. To order, specify Part No. x Finish.

Strike: 236L708018 x Fin

Mullion Stabilizer Kit



Controls the movement of the mullion. Two sets supplied standard with all 808 mullions.

Available in 628 and 695 finishes. To order separately, specify Part No. 653F11-1 x Finish.



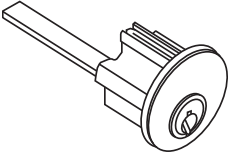
Optional for use on stock metal doors when required. To order, specify Part No. x Finish.

Front: 077F19-8 600

ED4000 Series Narrow Stile Pushpad Exit Devices

Cylinders

Rim (Trim Only)

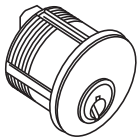


Description	Part Number	Cylinder Ring	Part Number 57 Function Only	Cylinder Ring**
6-pin	3000-058	270F15	3000-200N*	270F15
7-pin	3000-058-7	654F07	3000-200-7	654F07
6-pin, IC	3080-058	654F07	3080-178	654F07
7-pin, IC	3080-058-7	654F08	3080-178-7	654F08
6-pin, IC, less core	3070-058	654F07	3070-178	654F07
7-pin, IC, less core	3070-058-7	654F08	3070-178-7	654F08
6-pin, Security	3010-058	654F07	3010-200	654F07
6-pin, Security IC	3090-058	654F07	3090-178	654F07
7-pin, Pyramid	3020-058	654F07	3020-200	654F07
7-pin, Pyramid IC	3030-058	654F07	3030-178	654F07

*For K157, substitute -200

**K157 uses the 270F15 cylinder ring

Mortise (Cylinder Dogging Only)



Description	Part Number	Cylinder Ring
6-pin	1000-118-A02	N/A
7-pin	1000-114-A02-7	270F15
6-pin, IC	1080-114-A02	270F15
7-pin, IC	1080-112-A02-7	654F07
6-pin, IC, less core	1070-114-A02	270F15
7-pin, IC, less core	1070-112-A02-7	654F07
6-pin, Security	1010-118-A02	270F15
6-pin, Security IC	1090-114-A02	270F15
7-pin, Pyramid	1020-114-A02	270F15
7-pin, Pyramid IC	1030-114-A02	270F15

Ordering Examples

Exit Device Only

Quantity	Series/Function	Finish	Hand	Misc. Options
24	ED4200S	626	RHR	M51-M54

Removable Mullion

Quantity	Mullion	Finish
12	808	695

Exit Device with Trim

Quantity	Exit Device	Trim/Function	Finish	Hand	Door Thickness	Door Width	Door Height	Misc. Options
36	ED4400	N855	605	LHR	D200	W048	H0706	M51-M54

Trim Only

Quantity	Trim/Function	Finish	Hand	Door Thickness	Cylinder Option
24	N855	625	RHR	D214	6P

Contract/Detailed Order – Exit Device with Trim

Quantity	Keypad	Exit Device	Trim/Function	Finish	Hand	Door Height	Optional Strike	Door Width	Misc. Options	Cylinder Option
36	AA1	ED4400	C855	626	LHR	H0800	S09	W048	M52-M54	7P

Where to find ordering information and Quick Codes

Trims and Functions	Page 14
Removable Mullion	Page 27
Handing	Page 32
Door Thickness	Page 32
Strike	Page 32
Door Width	Page 32
Door Height	Page 32
Miscellaneous Options	Page 32
Cylinder and Keying	Page 32

Cylinder and Keying

Description	Specify
Less cylinder(s)	(standard)
Conventional 6-pin	6P
Conventional 7-pin	7P
IC 6-pin	C6
IC 6-pin with temporary construction core	CT6
IC 6-pin less core	CL6
IC 7-pin	C7
IC 7-pin with temporary construction core	CT7
IC 7-pin less core	CL7
Security (N/A for new keying systems)	HS
Security IC (N/A for new keying systems)	CHS
Pyramid High Security Fixed Core (UL437) = PHS	PHS
Pyramid High Security IC (Not UL437) = PCHS	PCHS
Pyramid Security Fixed Core (Not UL437) = PS	PS
Pyramid Security IC (Not UL437) = PCS	PCS
Pyramid with temporary construction core	CTP
Pyramid IC less core	CLP
Blockout function cylinder	BO
0-bitted with 2 blank keys	(standard with cylinder)
Keyed random	KR
Construction master keyed (not available for Pyramid)	CMK
Visual key control	VKC
- No keying data stamped on key or cylinder	VKC0
- Keys only	VKC1
- Cylinders and keys **	VKC2
- Cylinders only **	VKC3
Concealed key control (CKC)	CKC2
- CKC cylinders with VKC keys	CKC2
- CKC cylinders only **	CKC3
** (not for HS, CHS, PS, PCS, PHS or PCHS)	
2 keys per cylinder	(standard with cylinder)
More than 2 keys	KY# (e.g., KY6)

Finish

Description	Specify
Bright Brass	605
Satin Brass	606
Bright Bronze	611
Satin Bronze	612
Dark Oxidized Satin Bronze, oil rubbed	613
Bright Chromium Plated	625
Satin Chromium Plated	626
Bright Stainless Steel	629
Satin Stainless Steel	630
Satin Aluminum, Clear Anodized (mullions only)	628
Dark Bronze Coated (mullions only)	695

Handing

Hand	Specify
Right Hand Reverse	RHR
Left Hand Reverse	LHR

Door Thickness

Door	Specify
1-3/4" (44mm)	(standard)
2" (51mm)	D200
2-1/4" (57mm)	D214

Door Width

Door	Specify
24" (610mm)	W024
36" (914mm)	(standard)
48" (1219mm)	W048

Strike

Description	Specify
Surface and concealed vertical rod Bottom strike for 1/2" thresholds	S09

Removable Mullion

Door Height	Specify
Up to 8'0" (ED4200 & ED4200S)	808

Door Height

Door	Specify
ED4400 devices	(standard)
7'0"	H0702
7'2"	H0706
7'6"	H0800
8'0"	H0900
10'0"	H1000
ED4800 devices	(standard)
8'0"	H0802
8'2"	H0806
8'6"	H0900
9'0"	H1000

Miscellaneous Options

Description	Specify
Torx® head screws	M04
Knurling outside & inside (embossed touchbar–device side)	M20
Knurling outside only (trim side)	M21
Knurling inside only (embossed touchbar–device side)	M22
Abrasive coat outside and inside (trim and device)	M23
Abrasive coat inside only (device side)	M24
Abrasive coat outside only (trim side)	M25
Less dogging	M51
Cylinder dogging	M52
Sex nuts and bolts (SNBs)	M54
Shim kit (for vision light)	M58
Flush transom top strike bracket	M67

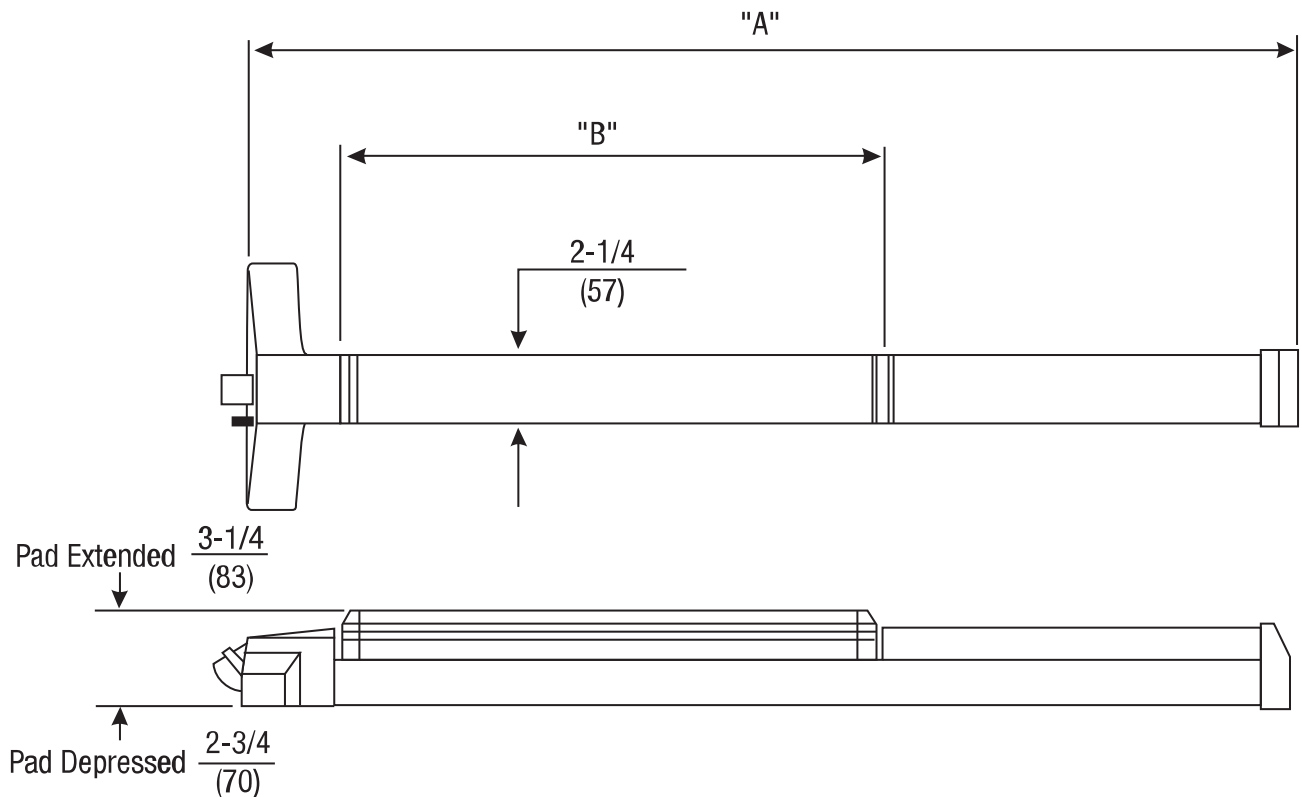
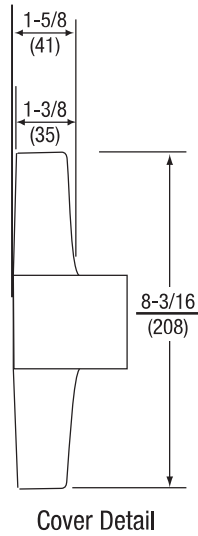
Electrical Options

Description	Specify
Alarm Option	M61
Bolt Position Monitor	M91
Touchbar Monitor	M92
Trim Monitor	M93
Latch Pullback	M94
Electric Dogging	M97
Delayed Egress	D

**ED4000 Series
(all variables)**

Series	"A"	"B"
ED4000	$34\text{-}5/8"$ (880mm)	$18"$ (457mm)
ED4000 x W024	$22\text{-}5/8"$ (575mm)	$12"$ (305mm)
ED4000 x W048	$46\text{-}5/8"$ (1184mm)	$24"$ (610mm)

Dimensions are shown in: inches
mm



Abrasive Coat

Hard granular material applied to provide a non-slip tactile surface for the visually impaired.

Active Door

In a pair of doors, the door that is operable from the trim side.

Astragal

A vertical member applied to one or both sides of a pair of doors at the meeting edges. The astragal closes the gap between the two doors.

Coordinator

A device used on a pair of doors to ensure that the inactive door closes before the active door.

Deadlocking Latch

A supplemental latch that automatically deadlocks the latchbolt when pressure is applied to it.

Dogging

A mechanism that allows the latchbolt to remain retracted, permitting the door to operate as if it were a push-pull; it cannot be used on fire-rated exit devices.

Double Egress

A pair of doors of the same hand that swing in opposite directions, commonly found in corridors.

Dummy Trim

Trim only. Usually used on the inactive door of a pair of doors for design balance.

Exit Device (Panic Hardware)

A door locking device with a pushbar or crossbar which, when pressed, allows instant exit (egress).

Fire Exit Hardware

An exit device listed by an independent testing laboratory as meeting panic, fire and hose stream test standards; used on fire-rated openings.

Hand

The direction a door swings.

Inactive Door

In a pair of doors, the door that is inoperable from the trim side.

Latchbolt

A lock component that has a beveled end and projects into a strike, holding the door in a closed position.

Mullion

A fixed or removable vertical member that divides a door opening and provides a latch surface for a pair of rim exit devices.

Open Back Strike

For mortise exit devices, used on the inactive door (usually the vertical rod door) of a pair of doors that swing in the same direction. It permits the inactive door to open or close independently.

Reversible

Pertains to a product that may be changed in the field to accommodate any hand of the door.

Shim Kit

Pieces of metal that permit mounting of an exit device on a door that has a surface projecting vision light (glass bead) molding.

Split Astragal

An astragal that is split through the middle on a pair of doors, allowing both doors to operate independently.

Threshold

A strip fastened to the floor beneath a door. It serves as a stop, prevents heat loss, and provides a strike location for latching the bottom rod of a vertical rod exit device.

Trim

A knob, lever, pull, or thumbpiece used on the outside of an exit device door to control access to an area.

Universal Exit Device

An exit device that may be used on doors of either hand without any modifications.

Keying and Cylinder Terms**Blockout Cylinder**

A cylinder which allows all keys to be temporarily blocked from operating. It is set by a blockout key.

Concealed Key Control (CKC)

The marking of standard key symbols on a cylinder in a location that is not visible once the cylinder is installed.

Construction Master Keying (CMK)

A cylinder preparation that allows temporary access by construction personnel.

Control key

A key used to remove and install interchangeable cores.

Cylinder

A lock component containing the combination that determines which keys will operate.

Security Cylinder

A cylinder which provides extra resistance to picking and unauthorized duplication of keys.

Interchangeable Core (IC)

A cylinder which can be removed and installed quickly with a control key by non-skilled personnel when rekeying is required.

Key Symbol

A letter/number combination in standard industry format (e.g., IAA, AA1, etc.) which indicates exactly how a key or cylinder fits into a keying system.

Keyway

The opening in a cylinder plug through which the key enters.

Master Keying

Preparation of a cylinder to operate with keys of different levels of access.

Visual Key Control (VKC)

The marking of standard key symbols on keys and on the visible portion of the front of a cylinder.

Suggested Specification

Exit devices shall be ED4000 Series Narrow Stile Pushpad Exit Devices.

The exit device chassis shall be cold forged steel, electroplated for corrosion resistance, and shall be architecturally finished brass, bronze or stainless steel. The pushpad mechanism shall be constructed of extruded aluminum and shall be scalped with architecturally finished brass, bronze or stainless steel. The maximum projection shall be 3-1/4" when the pushpad is active and 2-3/4" when the pushpad is dogged down. Nylon bearings and stainless steel springs shall be used for long life and durability; only torsion springs are acceptable. Rear and active case covers shall be wrought brass or bronze and shall be plated to match the exit bar. Plastic or painted covers are not acceptable. Latchbolts shall be steel and shall incorporate a deadlocking latch feature for increased security. Devices without deadlocking latches are not acceptable. Mounting screws shall be concealed to deter tampering. Devices shall be closed on all sides with no pinch points. All exit devices shall be easily field sized to accommodate various door widths.

Exit devices shall have single point, one quarter turn hex key dogging standard. Optional cylinder dogging shall be available. Devices with hex key dogging shall be easily field converted to cylinder dogging. Panic listed devices shall be available less dogging. Trims shall be throughbolted with concealed fasteners. Escutcheon and pull type trims shall be constructed of brass or bronze. All lever trims shall use cast or forged levers. On trims with cylinders, the mechanism that locks and unlocks the trim shall be housed in the trim and not in the active case of the exit device. Lever trims shall match those on Corbin Russwin Mortise and Cylindrical Locksets.

Exit devices and trims shall be furnished in BHMA standard architectural finishes.

Exit devices shall be listed by Underwriters Laboratories (UL) for safety as panic hardware.

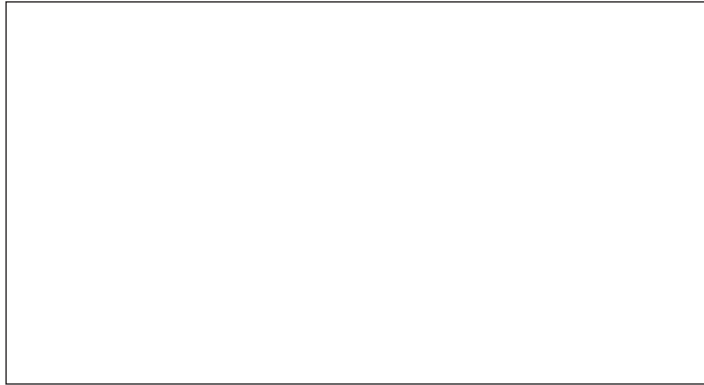
Certification:
ANSI/BHMA A156.3, Grade 1

Exit devices, trims and cylinders shall be from one manufacturer.

Trims and electronic components shall carry a one-year limited warranty.

Exit devices shall carry a five-year limited warranty.

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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ED5000 Series

Applications

Corbin Russwin's history is rich with architectural hardware designed to meet life safety and security requirements. That tradition continues with ED5000 Series exit devices. Designed to allow safe and easy egress, the ED5000 is ideal for frequent use applications such as schools, factories, hotels, theaters, office and retail complexes and government buildings.

Quality

All exit devices manufactured by Corbin Russwin undergo rigorous testing, both in the lab and field. Testing procedures go beyond industry standards; the ED5800 concealed vertical rod exit device was witnessed and certified to 3.25 million successful cycles, more than 6 times the requirement. Abuse and cycle tests prove time and again the durability of the entire ED5000 series, which is backed by a 5-year warranty.

Aesthetics

Over the past 100 years, Corbin Russwin has been well-known for weaving pleasing aesthetics and inventive designs into architectural door hardware, and today's wide stile exit device line is no exception. The ED5000 Series offers smooth lines in the exit device bar and a full range of trim designs with visual diversity, including the Vineyard Collection. The Vineyard Collection brings a touch of European elegance to any building, while offering the benefit of Grade 1 vandal resistance.

Vandal Resistance

Today's door hardware must fulfill life-safety and security needs, two areas in which ED5000 series exit devices and trim excel. The ED5200S SecureBolt™ features a deadbolt style latchbolt that significantly resists pull from the exterior, thus reducing door and frame separation,

preventing the door from being forced open. 900 series heavy-duty trim deters vandals with a thick 13/16" beveled escutcheon, Free Wheeling lever (excluding mortise trim), and flush cylinder. High security Pyramid cylinders offer an additional barrier against picking and drilling. These components can all be combined for high quality, high security applications.

Electronics

If electronic access control is required, or just a simple monitoring switch, the ED5000 series offers a full range of electrified options, including a delayed egress exit device and electrically controlled trim. All options can be tied into existing security and fire alarm systems for easy monitoring.



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This catalog can be found on the Internet at the Corbin Russwin website at: www.corbin-russwin.com

The Power of Choice

As Corbin Russwin continues to offer the latest technology and architectural hardware, an additional option is also presented to architects, distributors, and end-users. The power of choice. With a wide variety of devices, trims, lever designs, and electrified hardware, a locking system can be designed for any building and any application.

Below are some highlights of the ED5000 Series. These are but a few of the options that can be combined to meet the aesthetic and security requirements of today.



**SecureBolt™ Delayed
Egress Exit Device**

SecureBolt™

- Deadbolt-style latch design provides increased security by resisting unauthorized entrance from credit cards, crowbars, door rattling, etc.

- Is more resistant to vector forces, which results in less force against the frame, thus eliminating door/frame separation

- Provides increased stability of openings with mullions

Delayed Egress Exit Device

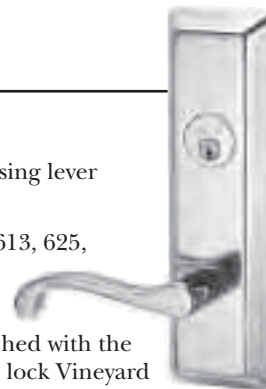
- Increases security in many applications such as retail stores and health care facilities
- Features an LED indicator and a nuisance delay
- 15 or 30-second delay available
- UL and BHMA listed

Heavy-Duty Trim

- Free Wheeling levers for vandal resistance (excluding mortise trim)
- Heavy-duty threaded posts provide additional strength
- Beveled sides for increased attack resistance
- Flush cylinder when used with 6-pin applications and mortise trim functions

Vineyard Collection






- Four aesthetically pleasing lever designs
- Available in 605, 606, 613, 625, 626 finishes
- Allows for design continuum when matched with the ML2000 series mortise lock Vineyard Collection trim
- Heavy-duty vandal-resistant escutcheon increases security

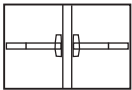
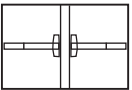


**Heavy-Duty Trim
with Vineyard lever**

ED5000 Series Pushpad Exit Devices

Applications and Listings

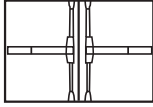
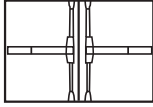
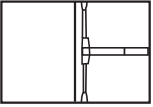
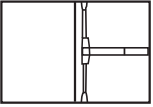
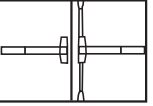
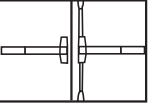
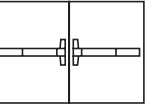
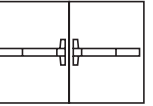
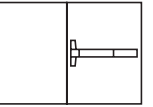
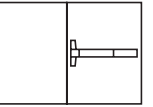
Single Door	UL Listing	Maximum Opening	Application	
Rim ED5200 ED5200A	Panic 3 Hr.	4' x * 4' x 8'	Surface applied; single-point latching.	
SecureBolt™ ED5200S ED5200SA	Panic 3 Hr.	4' x * 4' x 8'	Surface applied; single-point latching.	
Mortise ED5600 ED5600A ED5600A	Panic 1-1/2 Hr. 3 Hr.	4' x * 4' x 9' 4' x 8'	Mortised in door; single-point latching.	
Surface Vertical Rod ED5400 ED5470	Panic Panic	4' x 8' 4' x 10'	Surface applied; one or two-point latching.	
Concealed Vertical Rod ED5800 ED5860	Panic Panic	4' x 8' 4' x 10'	Rods concealed in door; one or two-point latching.	

Pair of Doors with Removable Mullion	UL Listing	Maximum Opening	Application	
Rim x Rim ED5200 x ED5200 x 700 Series ED5200A x ED5200A x 700 Series	Panic 3 Hr.	8' x 10' 8' x 8'	2 independent active doors with removable mullion	
SecureBolt™ x SecureBolt™ ED5200S x ED5200S x 700 Series ED5200SA x ED5200SA x 700 Series	Panic 3 Hr.	8' x 10' 8' x 8'	2 independent active doors with removable mullion	

*UL does not set a door height limitation on panic applications.

ED5000 Series Pushpad Exit Devices

Applications and Listings

Pair of Doors	UL Listing	Maximum Opening	Application	
Surface Vertical Rod ED5400 x ED5400 ED5400A x ED5400A	Panic 1-1/2 Hr.	8' x 8' 8' x 8'	Two independent doors with two-point latching, swinging in the same direction. Overlapping astragal not required.	
ED5470 x ED5470 ED5470B x ED5470B	Panic 1-1/2 Hr.	8' x 10' 8' x 10'	Two independent doors with one or two-point latching, swinging in the same direction. Overlapping astragal not required.	
Surface Vertical Rod (Double Egress) ED5400 x ED5400 ED5400A x ED5400A	Panic 3 Hr.	8' x 8' 8' x 8'	Two independent doors with two-point latching, swinging in opposite directions. Overlapping astragal required for 3-hour openings.	
ED5470 x ED5470 ED5470B x ED5470B	Panic 1-1/2 Hr.	8' x 10' 8' x 10'	Two independent doors with one or two-point latching, swinging in opposite directions. Overlapping astragal not required.	
Surface Vertical Rod x Mortise ED5400 x ED5600 ED5400A x ED5600A ED5400A x ED5600A x Open Back Strike	Panic 3 Hr. 1-1/2 Hr.	8' x 8' 8' x 8' 8' x 8'	Overlapping astragal not required. Coordinator required with standard ANSI strike.	
ED5470 x ED5600 ED5470B x ED5600A	Panic 1-1/2 hr.	8' x 10' 8' x 9'	Overlapping astragal not required. Coordinator required with standard ANSI strike.	
Concealed Vertical Rod ED5800 x ED5800 ED5800A x ED5800A	Panic 1-1/2 Hr.	8' x 8' 8' x 8'	Two independent metal doors with two-point latching, swinging in the same direction. Overlapping astragal not required.	
ED5860 x ED5860 ED5860B x ED5860B	Panic 1-1/2 Hr.	8' x 10' 8' x 10'	Two independent metal or wood doors with one or two-point latching, swinging in the same direction. Overlapping astragal not required.	
Concealed Vertical Rod (Double Egress) ED5800 x ED5800 ED5800A x ED5800A	Panic 3 Hr.	8' x 8' 8' x 8'	Two independent metal doors with two-point latching, swinging in opposite directions. Overlapping astragal required for 3-hour openings.	
ED5860 x ED5860 ED5860B x ED5860B	Panic 1-1/2 Hr.	8' x 10' 8' x 10'	Two independent metal or wood doors with one or two-point latching, swinging in opposite directions. Overlapping astragal not required.	

ED5200S Panic-Listed SecureBolt™ Exit Device

ED5200SA 3-Hour Fire-Listed SecureBolt Exit Device



Features

Handing

Device is non-handed.
Lever trim is handed.

Bar Length

Easily field cut to size.
Standard: 36" (914mm) bar fits 30"-36" (762mm-914mm) door.
Optional: 24" (610mm) bar fits 24" (610mm) door; specify W024.
Optional: 48" (1219mm) bar fits 36"-48" (914mm-1219mm) door; specify W048.

Door Thickness

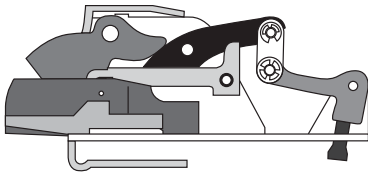
1-3/4" (44mm) standard.
Optional: 2" (51mm); specify D200.
Optional: 2-1/4" (57mm); specify D214.

Stile

Minimum width 4-1/2" (114mm).

Latchbolt

Full 3/4" (19mm) projection, 1" (25mm) strike engagement, positive deadlocking by auxiliary bolt.



Cut Away Side View

Materials

Latchbolt: High-grade, heat-treated, corrosion-resistant nickel steel alloy. Slide-action deadbolt with positive deadlocking by auxiliary bolt. Two-piece deadbolt mechanism utilizing a roll back lever which eliminates any contact (friction) with the strike during relocking.

Device: Heavy duty cold forged steel chassis; heavy gauge steel mechanisms, electroplated for corrosion resistance; finished parts are brass, bronze or stainless steel; stainless steel springs; nylon bearings.

Projection

3-1/4" (83mm) active, 2-3/4" (70mm) dogged.

Dogging

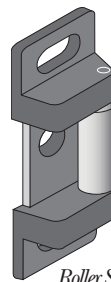
Standard on panic-rated devices; single-point 1/4 turn hex key dogging.
Optional: less dogging; specify M51.
Optional: cylinder dogging; specify M52.
Optional: electric dogging; specify M97.
Mechanical dogging not available on fire-rated devices.

Fasteners

Standard on panic devices: machine screws and wood door fasteners.
Standard on fire-rated devices: sex nuts and bolts.
Optional on devices: sex nuts and bolts for use on wood, composite or unreinforced metal doors; specify M54.
Optional wood screws for use on approved fire-rated solid wood or wood core doors. Specify M64.

Strike

Surface mounted 3/8" (10mm) diameter roller strike, complete with positive locking plate and shims, assuring low friction relocking for a long, trouble-free life.



Roller Strike

Functions and Trims

Through-bolted lever, knob, pull and thumbpiece trims available with wide range of functions; see Trims and Functions, pages 20-23.

Cylinders

Cylinder not included unless specified. See Quick Codes, page 50.

Removable Mullion

See Mullions, page 44.

Shim Kit

Optional for mounting device over raised vision light molding; specify M58.

Applications and Listings

See page 4.

Warranty

Five-year limited.

Certification/Compliance

ANSI

Meets A156.3, Type 28, Grade 1.
Meets A117.1 Accessibility Code.

UL /cUL

All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. Three-hour fire-rated devices listed as fire exit hardware for A label and lesser class 4' x 8' single or 8' x 8' double doors; UL symbol on active case cover indicates listing.

California State Reference Code

This product has been approved by the California State Fire Marshal pursuant to section 13144.1 of the California Health and Safety Code.

NFPA

All exit devices comply with NFPA 101 Life Safety Code. All fire-rated devices comply with NFPA 80 Fire Doors and Windows.

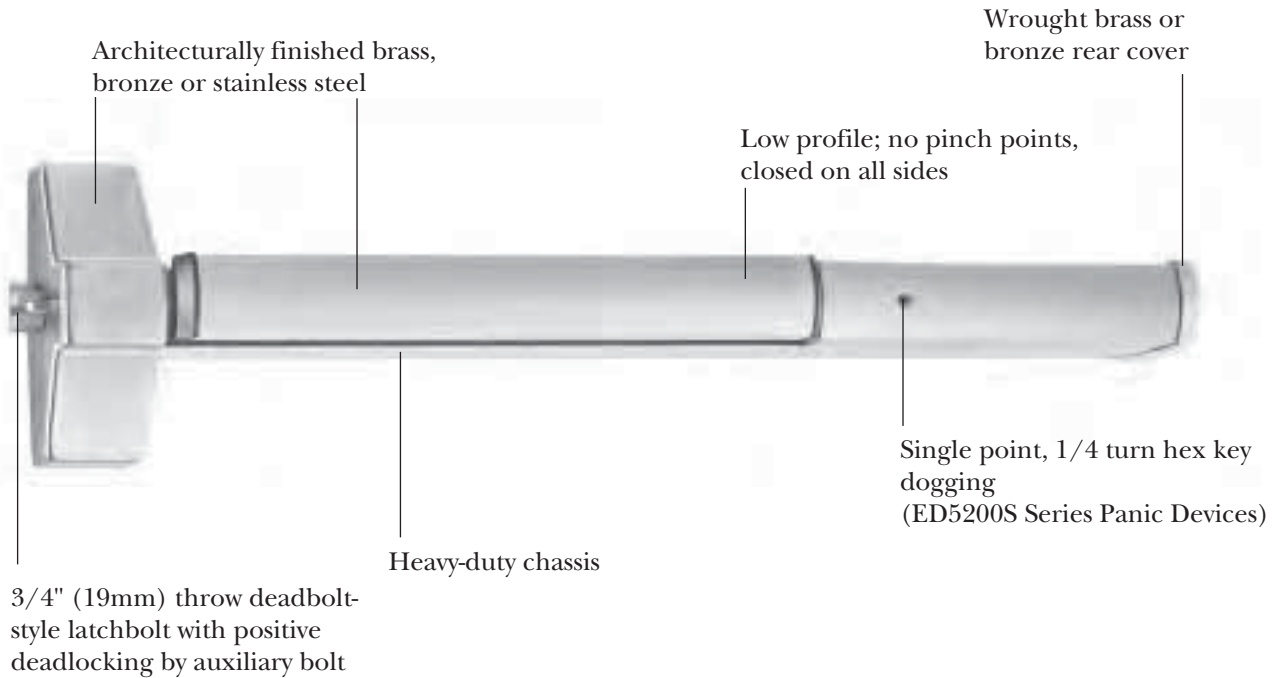
ADA

Exit devices, lever trims and pulls comply with Americans with Disabilities Act.

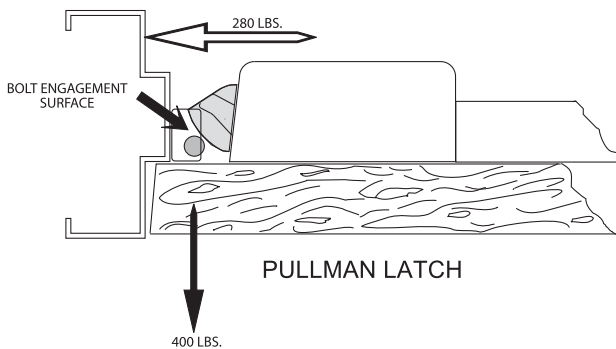
Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

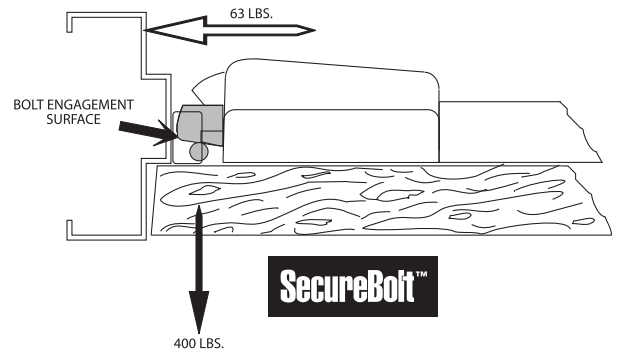
**ED5200S and ED5200SA
SecureBolt™ Exit Devices**



In terms of an exit device, vector forces mean that pressure applied to the door results in a force against the stop and the frame, resulting in door/frame separation. The standard pullman latchbolt applies 280 pounds of force against the frame from a 400-pound pull on the door.



The SecureBolt™ exit device only applies 63 pounds of force against the frame from a 400-pound pull on the door. Less force means the door and frame do not separate, providing a higher level of security, as the door cannot be pulled open.



ED5200 Panic-Listed Rim Exit Device

ED5200A 3-Hour Fire-Listed Rim Exit Device



Features

Handing

Device is non-handed.
Lever trim is handed.

Bar Length

Easily field cut to size.
Standard: 36" (914mm) bar fits 30"-36" (762mm-914mm) door.
Optional: 24" (610mm) bar fits 24" (610mm) door; specify W024.
Optional: 48" (1219mm) bar fits 36"-48" (914mm-1219mm) door; specify W048.

Door Thickness

1-3/4" (44mm) standard.
Optional: 2" (51mm); specify D200.
Optional: 2-1/4" (57mm); specify D214.

Stile

Minimum width 4-1/2" (114mm).

Latchbolt

3/4" (19mm) throw, stainless steel pullman-type with stainless steel deadlocking latch.

Materials

Heavy-duty cold-forged steel chassis; heavy-gauge steel mechanisms, electroplated for corrosion resistance; finished parts are brass, bronze or stainless steel; stainless steel springs; nylon bearings.

Projection

3-1/4" (83mm) active, 2-3/4" (70mm) dogged.

Dogging

Standard on panic devices; single-point 1/4 turn hex key dogging.
Optional: less dogging, specify M51.
Optional: cylinder dogging; specify M52.
Optional: electric dogging; specify M97.
Mechanical dogging not available on fire-rated devices.

Fasteners

Standard on panic devices: machine screws and wood door fasteners.
Standard on fire-rated devices: sex nuts and bolts.
Optional on panic devices: sex nuts and bolts for use on wood, composite, or unreinforced metal doors; specify M54.
Optional wood screws for use on approved fire-rated solid wood or wood core doors. Specify M64.

Strike

Surface-mounted 3/8" (10mm) diameter roller strike, complete with positive locking plate and shims, assuring low friction relocking for a long, trouble-free life.

Functions and Trims

Through-bolted lever, knob, pull and thumbpiece trims available with wide range of functions; see Trims and Functions, pages 20-23.

Cylinders

Cylinder not included unless specified. See Quick Codes, page 50.

Removable Mullion

See Mullions, page 44.

Shim Kit

Optional for mounting device over raised vision light molding; specify M58.

Applications and Listings

See page 4.

Warranty

Five-year limited.

Certification/Compliance

ANSI

Meets A156.3, Type 1, Grade 1.
Meets A117.1 Accessibility Code.

UL /cUL

All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. Three-hour fire-rated devices listed as fire exit hardware for A label and lesser class 4' x 8' single or 8' x 8' double doors; UL symbol on active case cover indicates listing.

California State Reference Code

This product has been approved by the California State Fire Marshal pursuant to section 13144.1 of the California Health and Safety Code.

NFPA

All exit devices comply with NFPA 101 Life Safety Code. All fire-rated devices comply with NFPA 80 Fire Doors and Windows.

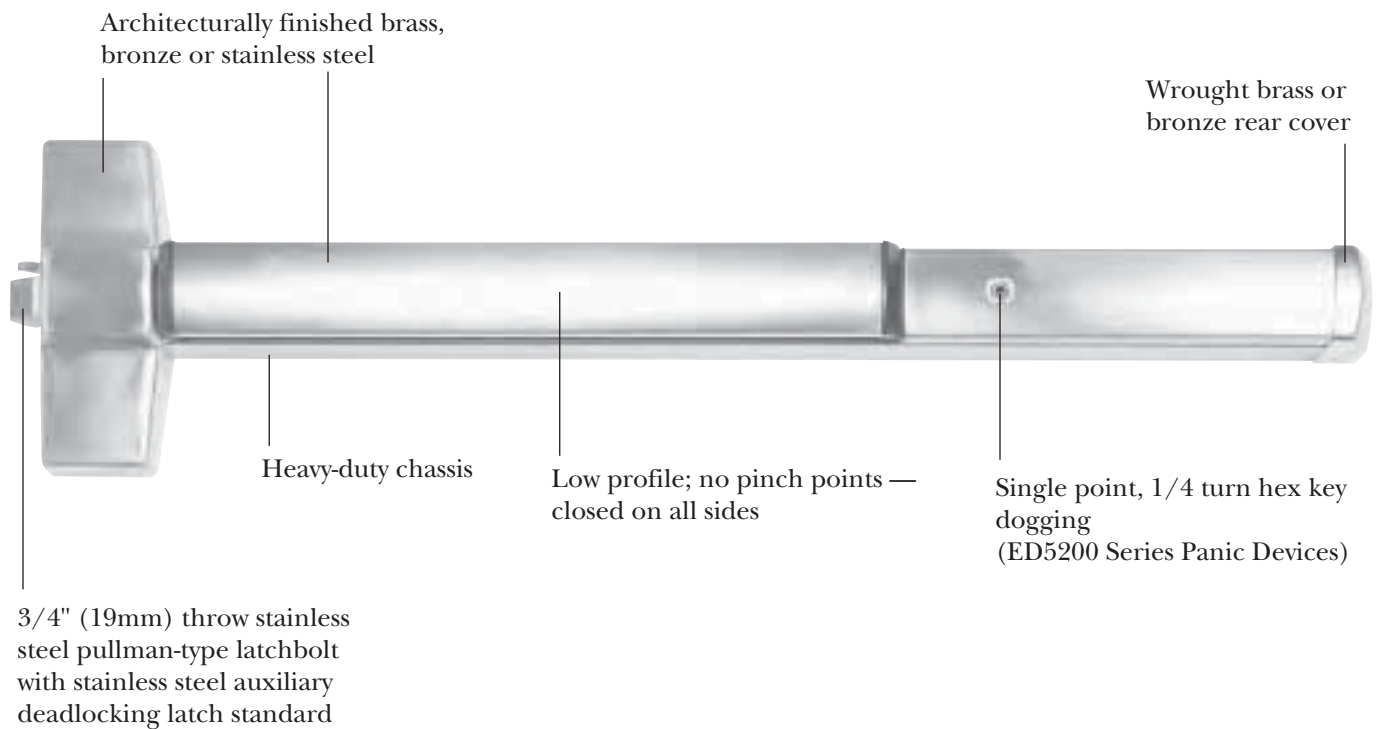
ADA

Exit devices, lever trims and pulls comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

ED5200 and ED5200A Rim Exit Devices



ED5400 Panic-Listed Surface Vertical Rod Exit Device

ED5400A 3-Hour Fire-Listed Surface Vertical Rod Exit Device

Features

Handing

Device is handed but easily field reversible.
Lever trim is handed.

Bar Length

Easily field cut to size.
Standard: 36" (914mm) bar fits 30"- 36" (762mm-914mm) door.
Optional: 24" (610mm) bar fits 24" (610mm) door; specify W024.
Optional: 48" (1219mm) bar fits 36"-48" (914mm-1219mm) door; specify W048.

Door Thickness

1-3/4" (44mm) standard.
Optional: 2" (51mm); specify D200.
Optional: 2-1/4" (57mm); specify D214.

Stile

Minimum width 4-1/2" (114mm).

Door Height

Standard top rod for 7' door.
All rods easily field cut to size.
Optional door heights up to 8' available; see Quick Codes, page 50.

Latchbolt

Top: 3/4" (19mm) throw, stainless steel pullman-type with automatic deadlatching.
Bottom: 5/8" (16mm) throw deadbolt, held retracted during door swing.

Vertical Rods

1/2" O.D. tubular brass, bronze or stainless steel with rod guides.

Materials

Heavy-duty cold-forged steel chassis; heavy-gauge steel mechanisms, electroplated for corrosion resistance; finished parts are brass, bronze or stainless steel; stainless steel springs; nylon bearings.

Projection

3-1/4" (83mm) active, 2-3/4" (70mm) dogged.

Dogging

Standard on panic devices; single-point 1/4 turn hex key dogging.
Optional: less dogging, specify M51.
Optional: cylinder dogging, specify M52.
Optional: electric dogging; specify M97.
Mechanical dogging not available on fire-rated devices.

Fasteners

Standard on panic devices: machine screws and wood door fasteners.
Standard on fire-rated devices: sex nuts and bolts.
Optional on panic devices: sex nuts and bolts for use on wood, composite, or unreinforced metal doors; specify M54.
Optional wood screws for use on approved fire-rated solid wood or wood core doors. Specify M64.

Strike

Top: adjustable roller strike with positive locking plate and shims.
Bottom: flush mounted.
Optional strikes available; see Options and Accessories, page 45.

Functions and Trims

Through-bolted lever, knob pull and thumbpiece trims available with wide range of functions; see Trims and Functions, pages 20-23.

Cylinders

Cylinder not included unless specified.
See Quick Codes, page 50.

Shim Kit

Optional for mounting device over raised vision light molding; specify M58.

Applications and Listings

See pages 4-5.

Warranty

Five-year limited.

Certification/Compliance

ANSI

Meets A156.3, Type 2, Grade 1.

UL /cUL

All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. Three-hour fire-rated devices listed as fire exit hardware for A label and lesser class 8' x 8' double doors; UL symbol on active case cover indicates listing.

California State Reference Code

This product has been approved by the California State Fire Marshal pursuant to section 13144.1 of the California Health and Safety Code.

NFPA

All exit devices comply with NFPA 101 Life Safety Code. All fire-rated devices comply with NFPA 80 Fire Doors and Windows.

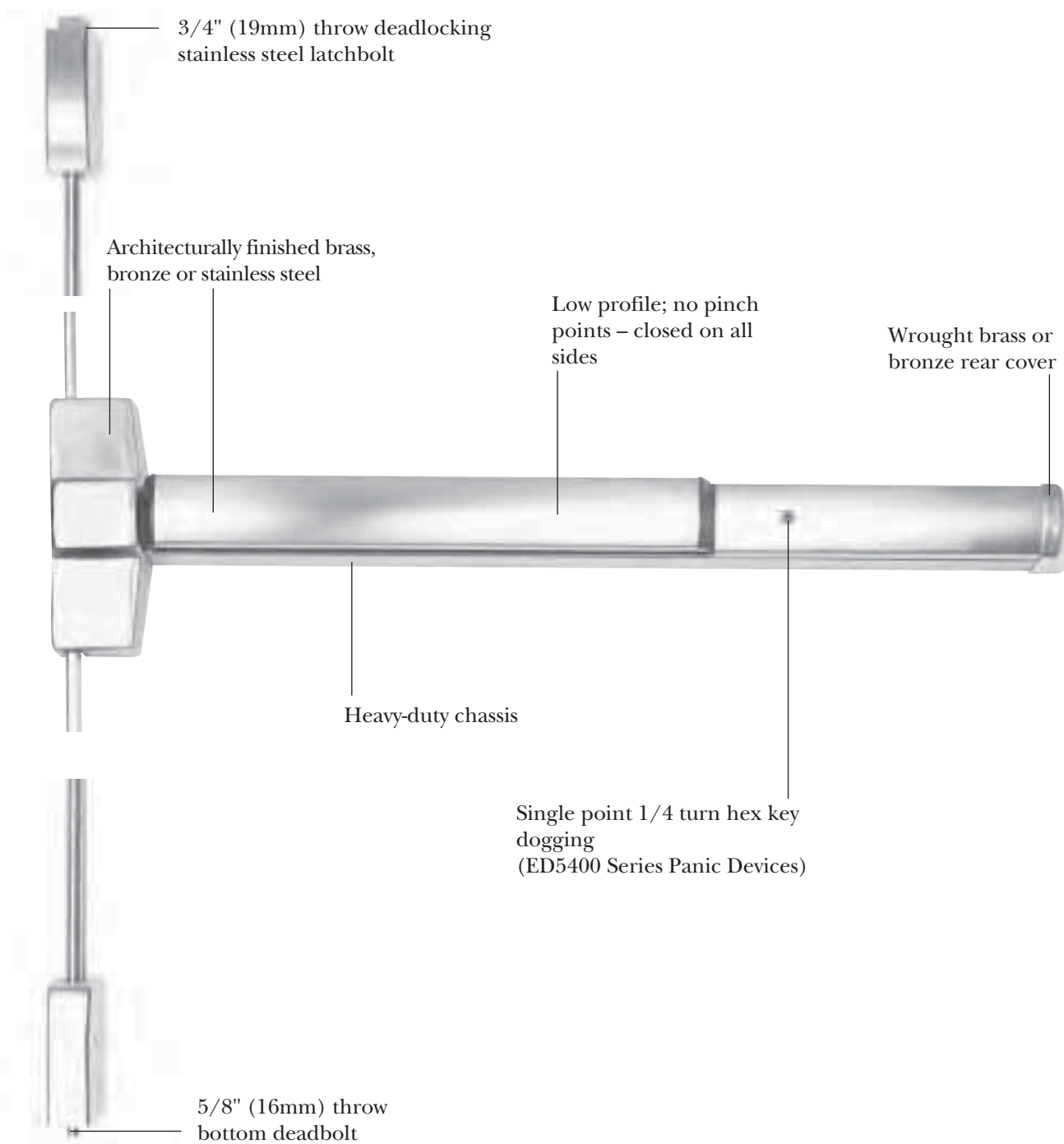
ADA

Lever trims and pulls comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

ED5400 and ED5400A Surface Vertical Rod Exit Device



ED5470 Panic-Listed Surface Vertical Rod Exit Device**ED5470B 1-1/2 Hour Fire-Listed Surface Vertical Rod Exit Device****ED5470ES Less Bottom Rod for Electric Strike****Features****Handing**

Device is handed but easily field reversible.
Lever trim is handed.

Bar length

Easily field cut to size.
Standard: 36" (914mm) bar fits 30"- 36" (762mm-914mm) door.
Optional: 24" (610mm) bar fits 24" (610mm) door; specify W024.
Optional: 48" (1219mm) bar fits 36"-48" (914mm-1219mm) door; specify W048.

Door Thickness

1-3/4" (44mm) standard.
Optional: 2" (51mm); specify D200.
Optional: 2-1/4" (57mm); specify D214.

Stile

Minimum width 4-1/2" (14mm).

Door Height

Standard top rod for 7' door.
All top rods easily field cut to size.
Optional door heights up to 10' available; see Quick Codes, page 50.

Latchbolt

Top: 3/4" (19mm) throw, stainless steel, pullman-type with automatic deadlatching.
Bottom: 5/8" (16mm) throw deadbolt, held retracted during door swing.

Vertical Rods

1/2" O.D. tubular brass, bronze or stainless steel with rod guides.

Less Bottom Rod

Optional on ED5470 & ED5470B devices only; specify M55.

Heat Activated Door Bolt (Popper)

Standard on all fire-rated devices with M55 option (less bottom rod).

Materials

Heavy-duty cold-forged steel chassis; heavy-gauge steel mechanisms, electroplated for corrosion resistance; finished parts are brass, bronze or stainless steel; stainless steel springs; nylon bearings.

Projection

3-1/4" (83mm) active, 2-3/4" (70mm) dogged.

Dogging

Standard on panic devices; single-point 1/4 turn hex key dogging.
Optional: less dogging, specify M51.
Optional: cylinder dogging, specify M52.
Optional: electric dogging; specify M97.
Mechanical dogging not available on fire-rated devices.

Fasteners

Standard on panic devices: machine screws and wood door fasteners.
Standard on fire-rated devices: sex nuts and bolts.
Optional on panic devices: sex nuts and bolts for use on wood, composite, or unreinforced metal doors; specify M54.
Optional wood screws for use on approved fire-rated solid wood or wood core doors. Specify M64.

Strike

Top: surface mounted interlocking.
Bottom: flush mounted.
Optional strikes available; see Options and Accessories, page 45.

Functions and Trims

Through-bolted lever, knob, pull and thumbpiece trims available with wide range of functions; see Trims and Functions, pages 20-23.

Cylinders

Cylinder not included unless specified.
See Quick Codes, page 50.

Shim Kit

Optional for mounting device over raised vision light molding; specify M58.

Applications and Listings

See pages 4-5.

Warranty

Five-year limited.

Certification/Compliance**ANSI**

Meets A156.3, Type 2, Grade 1.
Meets A117.1 Accessibility Code when ordered with M55 option only.

UL/cUL

All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. 1-1/2 hour fire-rated devices listed as fire exit hardware for B label and lesser class 8' x 10' double doors; UL symbol on active case cover indicates listings.

California State Reference Code

This product has been approved by the California State Fire Marshal pursuant to section 13144.1 of the California Health and Safety Code.

NFPA

All exit devices comply with NFPA 101 Life Safety Code.

All fire-rated devices comply with NFPA 80 Fire Doors and Windows.

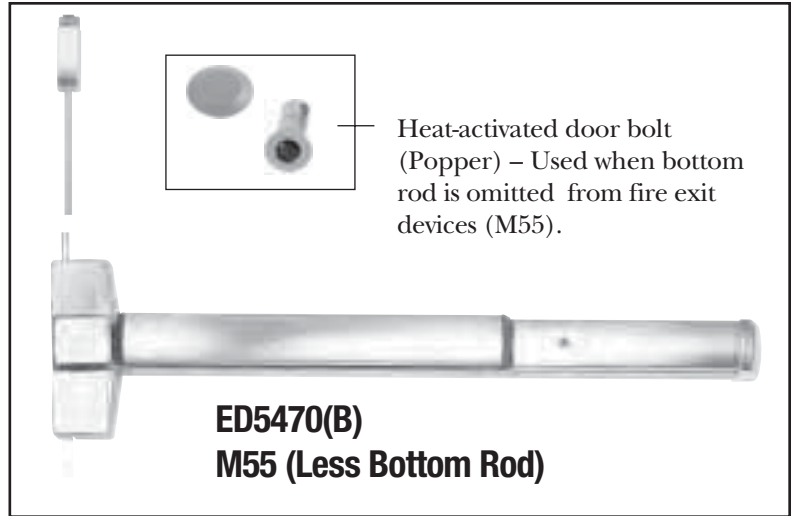
ADA

Exit devices with M55 option, lever trims and pulls comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

ED5470 and ED5470B Surface Vertical Rod Exit Devices



3/4" (19mm) throw deadlocking stainless steel latchbolt

Architecturally finished brass, bronze or stainless steel

Low profile; no pinch points – closed on all sides

Wrought brass or bronze rear cover

Heavy-duty chassis

Single point 1/4 turn hex key dogging
(ED5470 Series Panic Devices)

5/8" (16mm) throw deadbolt

ED5800 Panic-Listed Concealed Vertical Rod Exit Device

ED5800A 3-Hour Fire-Listed Concealed Vertical Rod Exit Device

ED5860ES Less Bottom Rod For Electric Strikes

**FOR USE WITH METAL DOORS ONLY****Features****Handing**

Device is handed but easily field reversible.
Lever trim is handed.

Bar length

Easily field cut to size.
Standard: 36" (914mm) bar fits 30"- 36" (762mm-914mm) door.
Optional: 24" (610mm) bar fits 24" (610mm) door; specify W024.
Optional: 48" (1219mm) bar fits 36"-48" (914mm-1219mm) door; specify W048.

Door Thickness

1-3/4" (44mm) standard.
Optional: 2" (51mm); specify D200.
Optional: 2-1/4" (57mm); specify D214.

Stile

Minimum width 4-1/2" (114mm).

Door Height

Standard: top rod for 8' door.
Telescoping rod assembly to accommodate various door heights.

Latchbolt

Top: 3/4" (19mm) throw, stainless steel pullman-type with automatic deadlatching.
Bottom: 5/8" (16mm) throw deadbolt, held retracted during door swing.

Vertical Rods

1/2" O.D. tubing, electroplated for corrosion resistance.

Materials

Heavy-duty cold-forged steel chassis; heavy-gauge steel mechanisms, electroplated for corrosion resistance; finished parts are brass, bronze or stainless steel; stainless steel springs; nylon bearings.

Projection

3-1/4" (83mm) active, 2-3/4" (70mm) dogged.

Dogging

Standard on panic devices; single-point 1/4 turn hex key dogging.
Optional: less dogging, specify M51.
Optional: cylinder dogging, specify M52.
Optional: electric dogging; specify M97.
Mechanical dogging not available on fire-rated devices.

Fasteners

Standard on panic devices: machine screws and sheet metal fasteners.
Standard on fire-rated devices: sex nuts and bolts.
Optional on panic devices: sex nuts and bolts for use on unreinforced metal doors; specify M54.

Strike

Top: roller type.
Bottom: flush mounted.
Optional strikes available; see Options and Accessories, page 45.

Functions and Trims

Through-bolted lever, knob, pull and thumbpiece trims available with wide range of functions; see Trims and Functions, pages 20-23.

Cylinders

Cylinder not included unless specified.
See Quick Codes, page 50.

Shim Kit

Optional for mounting device over raised vision light molding; specify M58.

Applications and Listings

For use on metal doors only. See pages 4-5.

Warranty

Five-year limited.

Certification/Compliance**ANSI**

Meets A156.3, Type 8, Grade 1.
Meets A117.1 Accessibility Code.

UL/cUL

All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. Three-hour fire-rated devices listed as fire exit hardware for A label and lesser class 4' x 8' single or 8' x 8' double doors; UL symbol on active case cover indicates listing.

California State Reference Code

This product has been approved by the California State Fire Marshal pursuant to section 13144.1 of the California Health and Safety Code.

NFPA

All exit devices comply with NFPA 101 Life Safety Code.
All fire-rated devices comply with NFPA 80 Fire Doors and Windows.

ADA

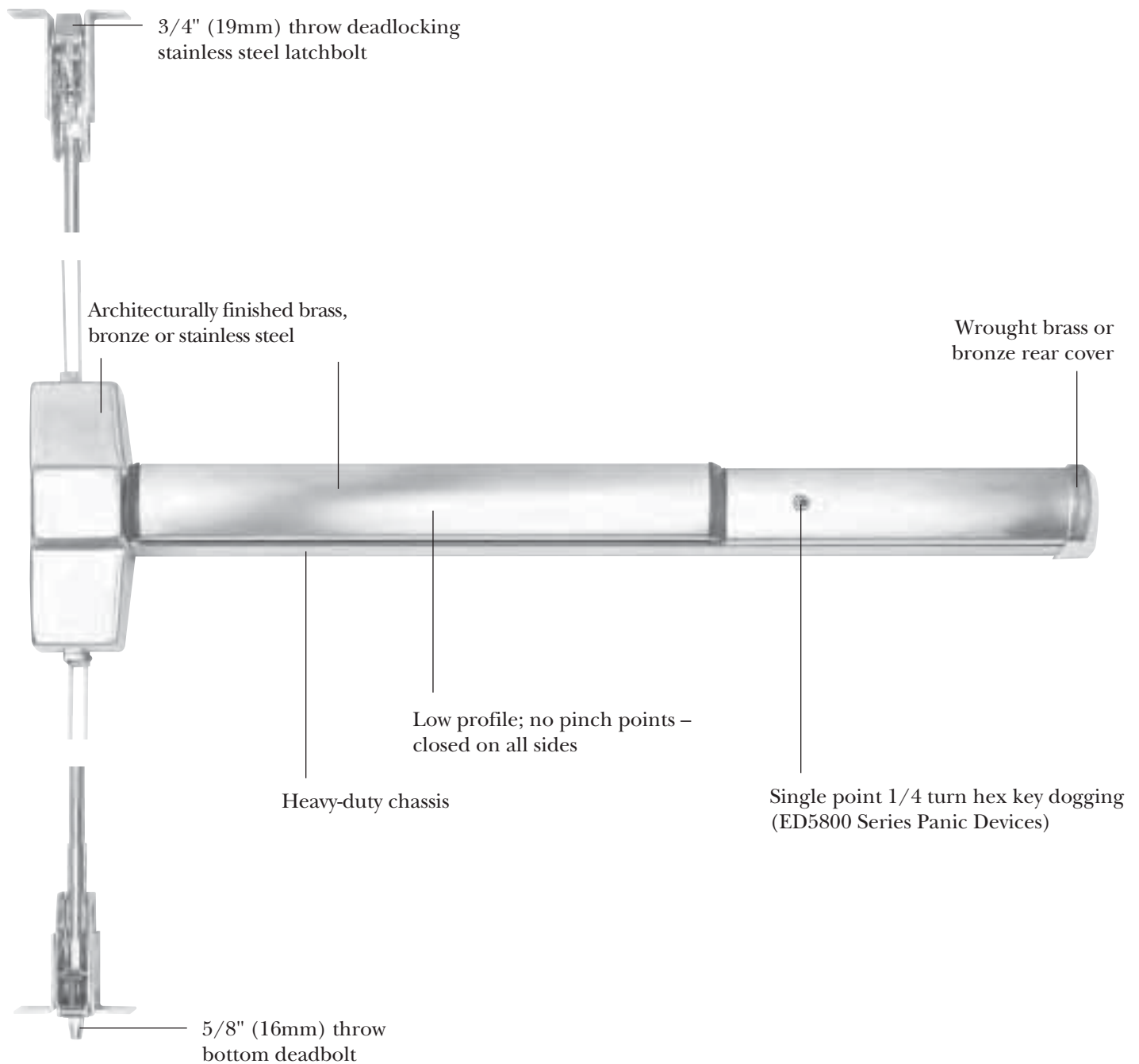
Exit devices, lever trims and pulls comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

ED5800 and ED5800A Concealed Vertical Rod Exit Devices

FOR USE WITH METAL DOORS ONLY



ED5860 Panic-Listed Concealed Vertical Rod Exit Device ED5860B 1-1/2 Hour Fire-Listed Concealed Vertical Rod Exit Device



FOR USE WITH METAL OR WOOD DOORS

Features

Handing

Device is handed but is easily field reversible.
Lever trim is handed.

Bar length

Easily field cut to size.
Standard: 36" (914mm) bar fits 30"- 36" (762mm-914mm) door.
Optional: 24" (610mm) bar fits 24" (610mm) door; specify W024.
Optional: 48" (1219mm) bar fits 36"-48" (914mm-1219mm) door; specify W048.

Door Thickness

1-3/4" (14mm) standard.
Optional: 2" (51mm); specify D200.
Optional: 2-1/4" (57mm); specify D214.

Stile

Minimum width 4-1/2" (114mm).

Door Height

Standard: top rod for 8' door.
Telescoping rod assembly to accommodate various door heights.
Optional door heights up to 10' available; see Quick Codes, page 50.

Latchbolt

Top: 3/4" (19mm) throw, stainless steel, pullman-type with automatic deadlatching.
Bottom: 5/8" (16mm) throw deadbolt, held retracted during door swing.

Vertical Rods

1/2" O.D. tubing, electroplated for corrosion resistance.

Less Bottom Rod

Optional on ED5860 and ED5860B devices only; specify M55.

Heat-Activated Door Bolt (Popper)

Standard with all fire-rated devices with M55 option (less bottom rod).

Materials

Heavy-duty cold-forged steel chassis; heavy-gauge steel mechanisms, electroplated for corrosion resistance; finished parts are brass, bronze or stainless steel; stainless steel springs; nylon bearings.

Projection

3-1/4" (83mm) active, 2-3/4" (70mm) dogged.

Dogging

Standard on panic devices; single-point 1/4 turn hex key dogging.
Optional: less dogging, specify M51.
Optional: cylinder dogging, specify M52.
Optional: electric dogging; specify M97.
Mechanical dogging not available on fire-rated devices.

Fasteners

Standard on panic devices: machine screws and wood door fasteners.
Standard on fire-rated devices: sex nuts and bolts.
Optional on panic devices: sex nuts and bolts for use on wood, composite, or unreinforced metal doors; specify M54.
Optional wood screws for use on approved fire-rated solid wood or wood core doors. Specify M64.

Strike

Top: mortise.
Bottom: flush mounted.
Optional strikes available; see Options and Accessories, page 45.

Functions and Trims

Through-bolted lever, (900 series heavy-duty trim only) available with wide range of functions; see Trims and Functions, pages 20-21.

Cylinders

Cylinder not included unless specified.
See Quick Codes, page 50.

Shim Kit

Optional for mounting device over raised vision light molding; specify M58.

Applications and Listings

For use with metal or wood doors. See pages 4-5.

Warranty

Five-year limited.

Certification/Compliance

ANSI

Meets A156.3, Type 7 and 8, Grade 1.
Meets A117.1 Accessibility Code.

UL/cUL

All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. 1-1/2 hour fire-rated devices listed as fire exit hardware for B label and lesser class 8' x 10' double doors; UL symbol on active case cover indicates listings.

California State Reference Code

This product has been approved by the California State Fire Marshal pursuant to section 13144.1 of the California Health and Safety Code.

NFPA

All exit devices comply with NFPA 101 Life Safety Code.

All fire-rated devices comply with NFPA 80 Fire Doors and Windows.

ADA

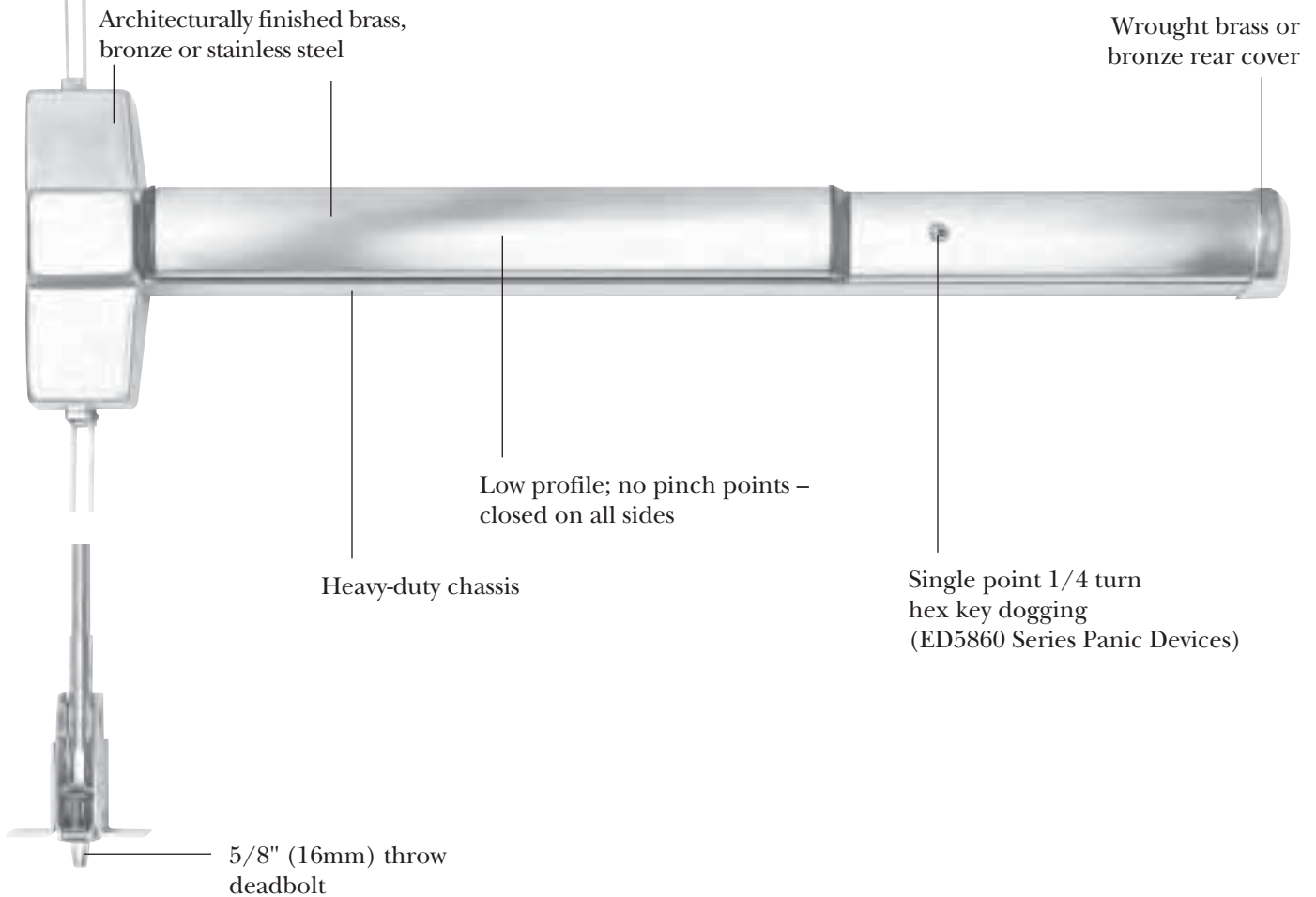
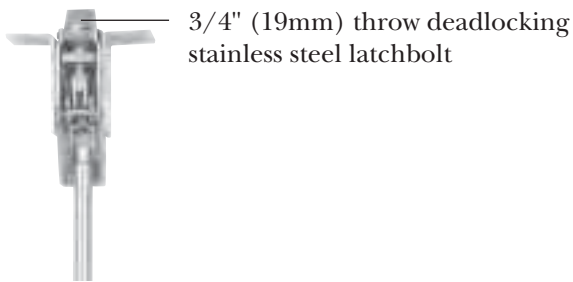
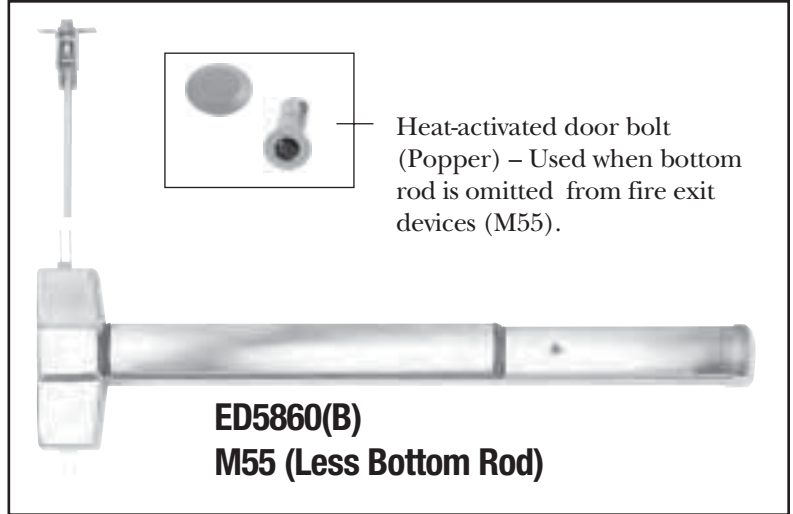
Exit devices, lever trims and pulls comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

**ED5860 and ED5860B
Concealed Vertical Rod
Exit Devices**














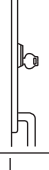



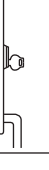


















FOR USE WITH METAL OR WOOD DOORS



ED5000 Series Pushpad Exit Devices

Functions

Pull and Thumbpiece Trim

Rim/SecureBolt™ ED5200(A) ED5200S(A)		Surface Vertical Rod ED5400(A) ED5470(B)		Concealed Vertical Rod ED5800(A) ED5860(B)		Type	ANSI No.	Function Description
Inside	Outside	Inside	Outside	Inside	Outside			
						Exit Only	01	Exit only; no trim.
						Dummy	02	Entrance by trim when actuating bar is locked down.
						Nightlatch	03	Entrance by trim when latchbolt is released by key. Key removable only when locked.
						Classroom*	05	Entrance by thumbpiece. Key locks or unlocks thumbpiece.
						Passage	15	Entrance by trim when latch is released by thumbpiece. Thumbpiece is always active, no cylinder.
						Storeroom (Thumbpiece Active)	06	Entrance by thumbpiece only when released by key. Key removable only when locked.

*Classroom function trims can be converted to Storeroom function by a simple field adjustment.

ED5000 Series Pushpad Exit Devices

Functions

Lever and Knob Trim

Rim/SecureBolt™ ED5200(A) ED5200S(A)		Surface Vertical Rod ED5400(A) ED5470(B)		Concealed Vertical Rod ED5800(A) ED5860(B)		Type	ANSI No.	Function Description
Inside	Outside	Inside	Outside	Inside	Outside			
						Dummy	02	Entrance by trim when actuating bar is locked down.
						Nightlatch	03	Entrance by trim when latchbolt is released by key. Key removable only when locked.
						Classroom*	08	Entrance by knob or lever. Key locks or unlocks knob or lever.
						Passage	14	Entrance by trim when latchbolt is released by knob or lever. Knob or lever always active, no cylinder.
						Storeroom (Grip Active)	09	Entrance by knob or lever only when released by key. Key removable only when locked.



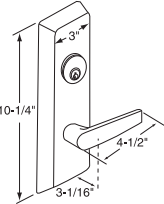


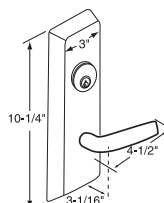


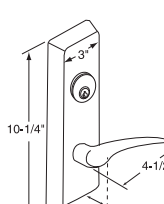


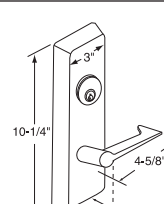


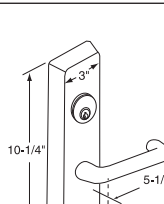


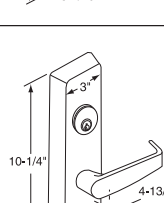
*Classroom function trims can be converted to Storeroom function by a simple field adjustment.

ED5000 Series Pushpad Exit Devices

Heavy-Duty Trims & Functions

Features:

- Free Wheeling vandal-resistant design
- Beveled edges
- Through-bolted to exit device
- Flush cylinder with 6-pin cylinder applications
- 5-year limited warranty

			Rim, SecureBolt™, Vertical Rod					
Trim Design			Passage ANSI No. 14	Dummy ANSI No. 02	Classroom ANSI No. 08	Nightlatch ANSI No. 03	Storeroom ANSI No. 09	
	Armstrong A9 Lever: Cast Escutcheon: Forged Cylinder: Rim			A910	A950	A955*	A957	A959
	Citation C9 Lever: Cast Escutcheon: Forged Cylinder: Rim			C910	C950	C955*	C957	C959
	Dirke D9 Lever: Cast Escutcheon: Forged Cylinder: Rim			D910	D950	D955*	D957	D959
	Essex E9 Lever: Cast Escutcheon: Forged Cylinder: Rim			E910	E950	E955*	E957	E959
	Lustra L9 Lever: Cast Escutcheon: Forged Cylinder: Rim			L910	L950	L955*	L957	L959
	Newport N9 Lever: Cast Escutcheon: Forged Cylinder: Rim			N910	N950	N955*	N957	N959

*Note: Classroom function trims can be converted to Storeroom function by a simple field adjustment.


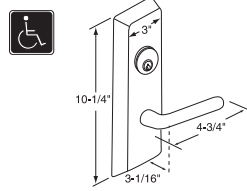
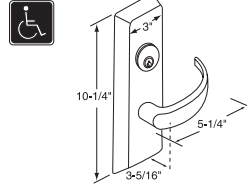

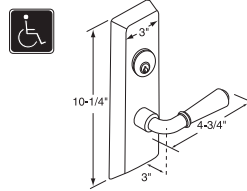

ED5000 Series Pushpad Exit Devices

Heavy-Duty Trims & Functions

Features:

- Free Wheeling vandal-resistant design
- Beveled edges
- Through-bolted to exit device
- Flush cylinder with 6-pin cylinder applications
- 5-year limited warranty

Rim, SecureBolt™, Vertical Rod

Trim Design			Passage ANSI No. 14	Dummy ANSI No. 02	Classroom ANSI No. 08	Nightlatch ANSI No. 03	Storeroom ANSI No. 09
	Regis R9 Lever: Cast Escutcheon: Forged Cylinder: Rim		R910	R950	R955*	R957	R959
	Princeton PR9 Lever: Cast Escutcheon: Forged Cylinder: Rim		PR910	PR950	PR955*	PR957	PR959
	Escutcheon F9 Escutcheon: Forged Cylinder: Rim		N/A	F950 **	N/A	F957**	N/A
	Frascati FR9 Lever: Cast Escutcheon: Forged Cylinder: Rim		FR910	FR950	FR955*	FR957	FR959
	Merlot M9 Lever: Cast Escutcheon: Forged Cylinder: Rim		M910	M950	M955*	M957	M959
	Tuscany TS9 Lever: Cast Escutcheon: Forged Cylinder: Rim		TS910	TS950	TS955*	TS957	TS959
	Zinfandel Z9 Lever: Cast Escutcheon: Forged Cylinder: Rim		Z910	Z950	Z955*	Z957	Z959

*Note: Classroom function trims can be converted to Storeroom function by a simple field adjustment.

** Not recommended for use with surface or concealed vertical rod exit devices.

ED5000 Series Pushpad Exit Devices

Utility Trims and Functions

Features:

- Free Wheeling lever
- Through-bolted to exit device
- Welded posts
- 1/4-20 fastening screws
- 1-year limited warranty

		Rim, SecureBolt™, Vertical Rod				
Trim Design		Passage ANSI No. 14	Dummy ANSI No. 02	Classroom* ANSI No. 08	Storeroom ANSI No. 09	
	Armstrong 7777 Escutcheon: Wrought Cylinder: Rim		A750	A750	A755*	A759
	Citation 7777 Escutcheon: Wrought Cylinder: Rim		C750	C750	C755*	C759
	Dirke 7777 Escutcheon: Wrought Cylinder: Rim		D750	D750	D755*	D759
	Esser 7777 Escutcheon: Wrought Cylinder: Rim		E750	E750	E755*	E759
	Lusta 7777 Escutcheon: Wrought Cylinder: Rim		L750	L750	L755*	L759
	Newport 7777 Escutcheon: Wrought Cylinder: Rim		N750	N750	N755*	N759
	Regis 7777 Escutcheon: Wrought Cylinder: Rim		R750	R750	R755*	R759

*Note: Classroom function trims can be converted to Storeroom function by a simple field adjustment.

ED5000 Series Pushpad Exit Devices

Utility Trims and Functions

Features:

- Free Wheeling lever
- Through-bolted to exit device
- Welded posts
- 1/4-20 fastening screws
- 1-year limited warranty

Rim, SecureBolt™, Vertical Rod

Trim Design	Passage ANSI No. 14/15	Dummy ANSI No. 02	Classroom ANSI No. 05/08	Storeroom/ Nightlatch ANSI No. 03/06/09
 <p>Princeton PP7 Level Cap Escutcheon: Wrought Cylinder: Rim</p>  	 <p>PR710 (14)</p>	PR750	PR755* (08)	PR759 (09)
 <p>Global G7 Knob: Wrought Escutcheon: Wrought Cylinder: Rim</p> 	 <p>G710 (14)</p>	G750	G755* (08)	G759 (09)
 <p>Plate (Short) F2 Plate: Wrought Cylinder: Rim</p> 	N/A	F250	N/A	F257 (03)
 <p>Plate (Long) F3 Plate: Wrought Cylinder: Rim</p> 	N/A	F350**	N/A	F357** (03)
 <p>Pull/Thumbpiece T13 Pull: Cast Escutcheon: Wrought Cylinder: Rim</p> 	 <p>T1310 (15)</p>	 <p>T1350**</p>	T1355* (05)	 <p>T1357** (03)</p>
 <p>Offset Pull P9 Pull: Extruded Escutcheon: Forged* Cylinder: Rim</p> 	<p>* Now available only on 900 Series Heavy-Duty Escutcheon</p>	P950	N/A	P957 (03)
 <p>Key Only K1** Note: Available with cylinder option only. Ex: K157 x 6P.</p> 	N/A	N/A	N/A	K157 (03)

*Note: Classroom function trims can be converted to Storeroom function by a simple field adjustment.

**Not recommended for use with surface or vertical rod exit devices.

ED5600 Panic-Listed Mortise Exit Device
ED5600A 3-Hour Fire-Listed Mortise Exit Device



Features

Handing

Device is non-handed.
Mortise lock body is handed.
Lever trim is non-handed.

Bar length

Easily field cut to size.
Standard: 36" (914mm) bar fits 30"- 36"
(762mm-914mm) door.
Optional: 24" (610mm) bar fits 24"
(610mm) door; specify W024.
Optional: 48" (1219mm) bar fits 36"-48"
(914mm-1219mm) door; specify W048.

Door Thickness

1-3/4" (44mm) standard.
Optional: 2" (51mm); specify D200.
Optional: 2-1/4" (57mm); specify D214.

Stile

Minimum width 4-1/2" (114mm).

Latchbolt

2-piece mechanical, 3/4" (19mm) throw,
stainless steel with auxiliary deadlocking
latch.

Materials

Heavy-duty cold-forged steel chassis;
heavy-gauge steel mechanisms,
electroplated for corrosion resistance;
finished parts are brass, bronze or
stainless steel; stainless steel springs; nylon
bearings.

Projection

3-1/4" (83mm) active, 2-3/4" (70mm)
dogged.

Dogging

Standard on panic devices; single-point 1/4
turn hex key dogging.
Optional: less dogging, specify M51.
Optional: cylinder dogging, specify M52.
Optional: electric dogging; specify M97.
Mechanical dogging not available on fire-
rated devices.

Fasteners

Standard on panic devices: machine
screws and wood door fasteners.
Standard on fire-rated devices: sex nuts
and bolts.
Optional on panic devices: sex nuts and
bolts for use on wood, composite, or
unreinforced metal doors; specify M54.
Optional wood screws for use on
approved fire-rated solid wood or wood
core doors. Specify M64.

Strike

Non-handed. ANSI curved lip standard.
4-7/8" x 1-1/4" x 1-1/4" lip to center.
Optional strikes available; see Options
and Accessories, page 45.

Functions and Trims

Through-bolted lever, knob, pull and
thumbpiece trims available with wide
range of functions; see Trims and
Functions, pages 28-31.

Cylinders

Cylinder not included unless specified.
See Quick Codes, page 50.

Shim Kit

Optional for mounting device over raised
vision light molding; specify M58.

Applications and Listings

See page 4.

Warranty

Five-year limited.

Certification/Compliance

ANSI

Meets A156.3, Type 3, Grade 1.
Meets A117.1 Accessibility Code.

UL/cUL

All devices listed for safety as panic
hardware; devices comply with UL 305
standards for panic hardware. Three-hour
fire-rated devices listed as fire exit hardware
for A label and lesser class 4' x 8' single or
8' x 8' double doors; UL symbol on active
case cover indicates listings.

California State Reference Code

This product has been approved by the
California State Fire Marshal pursuant to
section 13144.1 of the California Health and
Safety Code.

NFPA

All exit devices comply with NFPA 101
Life Safety Code.

All fire-rated devices comply with NFPA
80 Fire Doors and Windows.

ADA

Exit devices, lever trims and pulls comply
with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

ED5600K, ED5657K

ED5600L, ED5657L

ED5600T, ED5657T

Mortise Panic-Listed Exit Devices

ED5600AK, ED5657AK

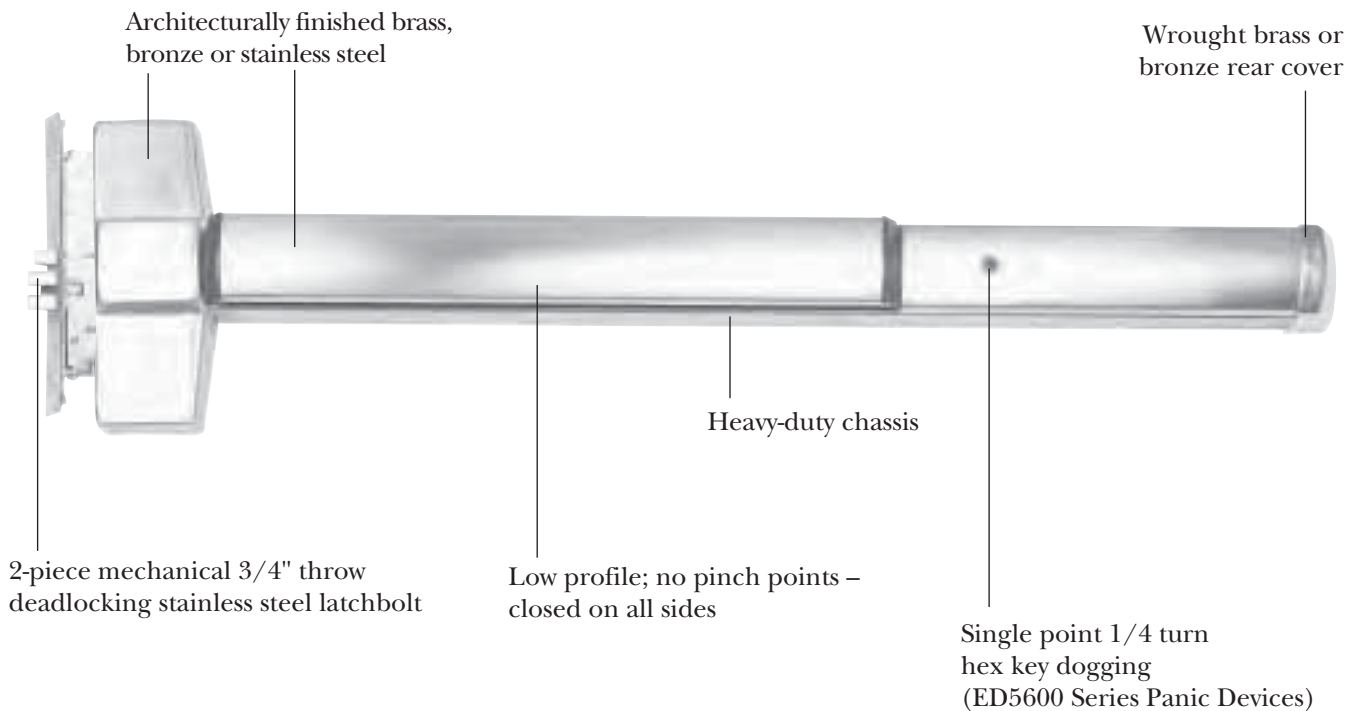
ED5600AL, ED5657AL,

ED5600AT, ED5657AT

Mortise Fire-Listed Exit Devices

Mortise Exit

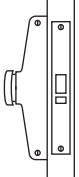
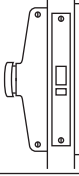
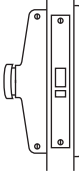
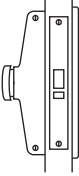

Trim Type	Functions	Panic	Fire
Knob	Passage	ED5600K	ED5600AK
	Classroom		
	Nightlatch	ED5657K	ED5657AK
	Dummy		
Lever or Flat Plate	Passage	ED5600L	ED5600AL
	Classroom		
	Nightlatch	ED5657L	ED5657AL
	Dummy		
Thumbpiece	Passage	ED5600T	ED5600AT
	Classroom		
	Nightlatch	ED5657T	ED5657AT
	Dummy		



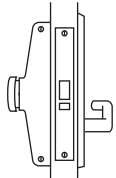
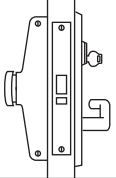
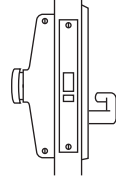
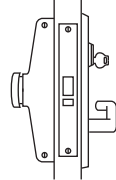
ED5000 Series Pushpad Exit Devices

Mortise Functions

Exit Only, Pull and Thumbpiece Trim

Mortise ED5600 ED5600A <small>Inside Outside</small>	Type	ANSI No.	Function Description
	Exit Only	01	Exit only; no trim.
	Dummy	02	Entrance by trim when actuating bar is locked down.
	Nightlatch	03	Entrance by trim when latchbolt is released by key. Key removable only when locked.
	Classroom	05	Entrance by thumbpiece. Key locks or unlocks thumbpiece.
	Passage	15	Entrance by trim when latch is released by thumbpiece. Thumbpiece always active, no cylinder.

Lever and Knob Trim

<p>Mortise ED5600 ED5600A</p> <p>Inside Outside</p>	<p>Type</p>	<p>ANSI No.</p>	<p>Function Description</p>
	<p>Dummy*</p>	<p>02</p>	<p>Entrance by trim when actuating bar is locked down.</p>
	<p>Classroom**</p>	<p>08</p>	<p>Entrance by knob or lever. Key locks or unlocks knob or lever.</p>
	<p>Passage*</p>	<p>14</p>	<p>Entrance by trim when latchbolt is released by knob or lever. Knob or lever always active, no cylinder.</p>
	<p>Nightlatch**</p>	<p>03</p>	<p>Entrance by trim when latchbolt is released by key. Key removable only when locked.</p>

*Dummy and passage function trims are the same.

**Classroom and Nightlatch function trims are the same. Trim function must be specified when ordered with an exit to ensure that the correct lock body is supplied with the device.

ED5000 Series Pushpad Exit Devices

Heavy-Duty Mortise Trims & Functions

Features:

- Beveled edges
- Rigid lever when locked
- Flush cylinder
- Through-bolted to exit device
- 5-year limited warranty


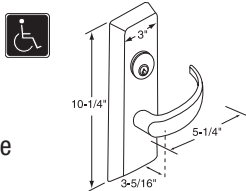

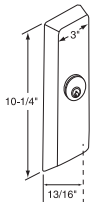

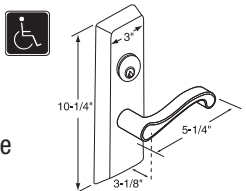

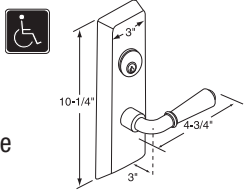

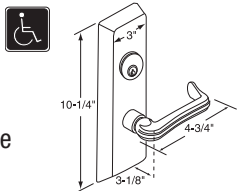

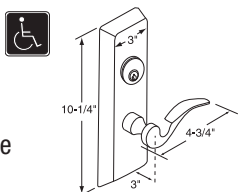
Trim Design			Passage ANSI No. 14	Dummy ANSI No. 02	Classroom ANSI No. 08	Nightlatch ANSI No. 03
	Armstrong A9M Lever: Cast Escutcheon: Forged Cylinder: 1-1/2" Mortise		A9M10	A9M50	A9M55	A9M57
	Citation C9M Lever: Cast Escutcheon: Forged Cylinder: 1-1/2" Mortise		C9M10	C9M50	C9M55	C9M57
	Dirke D9M Lever: Cast Escutcheon: Forged Cylinder: 1-1/2" Mortise		D9M10	D9M50	D9M55	D9M57
	Essex E9M Lever: Cast Escutcheon: Forged Cylinder: 1-1/2" Mortise		E9M10	E9M50	E9M55	E9M57
	Lustra L9M Lever: Cast Escutcheon: Forged Cylinder: 1-1/2" Mortise		L9M10	L9M50	L9M55	L9M57
	Newport N9M Lever: Cast Escutcheon: Forged Cylinder: 1-1/2" Mortise		N9M10	N9M50	N9M55	N9M57
	Regis R9M Lever: Cast Escutcheon: Forged Cylinder: 1-1/2" Mortise		R9M10	R9M50	R9M55	R9M57

ED5000 Series Pushpad Exit Devices

Heavy-Duty Mortise Trims & Functions

Features:

- Beveled edges
- Rigid lever when locked
- Flush cylinder
- Through-bolted to exit device
- 5-year limited warranty

		Trim Design	Passage ANSI No. 14	Dummy ANSI No. 02	Classroom ANSI No. 08	Nightlatch ANSI No. 03
	Princeton PR9M Lever: Cast Escutcheon: Forged Cylinder: 1-1/2" Mortise		PR9M10	PR9M50	PR9M55	PR9M57
	Escutcheon F9 Escutcheon: Forged Cylinder: 1-1/2" Mortise		N/A	F950 *	N/A	F9M57 *
	Fracati FR9M Lever: Cast Escutcheon: Forged Cylinder: 1-1/2" Mortise		FR9M10	FR9M50	FR9M55	FR9M57
	Merlot M9M Lever: Cast Escutcheon: Forged Cylinder: 1-1/2" Mortise		M9M10	M9M50	M9M55	M9M57
	Tuscany TS9M Lever: Cast Escutcheon: Forged Cylinder: 1-1/2" Mortise		TS9M10	TS9M50	TS9M55	TS9M57
	Zinfandel Z9M Lever: Cast Escutcheon: Forged Cylinder: 1-1/2" Mortise		Z9M10	Z9M50	Z9M55	Z9M57

* Not recommended for use with surface or vertical rod exit devices.

ED5000 Series Pushpad Exit Devices

Mortise Utility Trims & Functions

Features:

- Through-bolted to exit device
- Rigid lever when locked
- 1/4-20 fastening screws
- Architecturally finished brass, bronze and stainless steel
- 1-year limited warranty


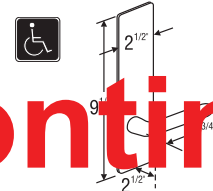

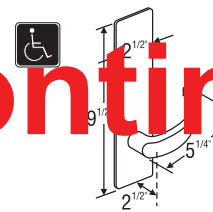

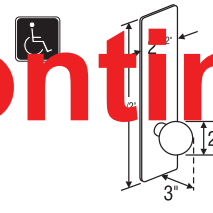

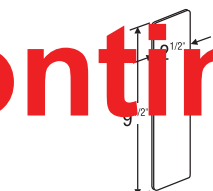

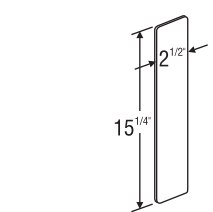

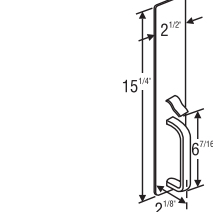
	Trim Design	Passage ANSI No. 14	Dummy ANSI No. 02	Classroom ANSI No. 08	Nightlatch ANSI No. 03
 <p>Armstrong Lever: Cast Escutcheon: Wrought Cylinder: Mortise</p> 	Discontinued	A7M10	A7M50	A7M55	A7M57
 <p>Citation Lever: Cast Escutcheon: Wrought Cylinder: Mortise</p> 	Discontinued	C7M10	C7M50	C7M55	C7M57
 <p>Dirke Lever: Cast Escutcheon: Wrought Cylinder: Mortise</p> 	Discontinued	D7M10	D7M50	D7M55	D7M57
 <p>Esson Lever: Cast Escutcheon: Wrought Cylinder: Mortise</p> 	Discontinued	E7M10	E7M50	E7M55	E7M57
 <p>Lustra Lever: Cast Escutcheon: Wrought Cylinder: Mortise</p> 	Discontinued	L7M10	L7M50	L7M55	L7M57
 <p>Newport Lever: Cast Escutcheon: Wrought Cylinder: Mortise</p> 	Discontinued	N7M10	N7M50	N7M55	N7M57

ED5000 Series Pushpad Exit Devices

Mortise Utility Trims & Functions

Features:

- Through-bolted to exit device
- Rigid lever when locked
- 1/4-20 fastening screws
- Architecturally finished brass, bronze and stainless steel
- 1-year limited warranty

	Trim Design	Passage ANSI No. 14/15	Dummy ANSI No. 02	Classroom ANSI No. 05/08	Nightlatch ANSI No. 03
 <p>Regis R7M Lever: Cast Escutcheon: Wrought Cylinder: Mortise</p>		R7M10 (14)	R7M50	R7M55 (08)	R7M57
 <p>Princeton PR7M Lever: Cast Escutcheon: Wrought Cylinder: Mortise</p>		PR7M10 (14)	PR7M50	PR7M55 (08)	PR7M57
 <p>Global G7M Knob: Wrought Escutcheon: Wrought Cylinder: Mortise</p>		G7M10 (14)	G7M50	G7M55 (08)	G7M57
 <p>Plate (Short) F2, F2M Plate: Wrought Cylinder: Mortise</p>		N/A	F250	N/A	F2M57
 <p>Plate (Long) F3, F3M Plate: Wrought Cylinder: Mortise</p>		N/A	F350 **	N/A	F3M57 **
 <p>Pull/Thumbpiece T13, T13M Pull: Cast Escutcheon: Wrought Cylinder: Mortise</p>		T13M10 (15)	T1350**	T13M55 (05)	T13M57**

*Pull only, no thumbpiece.

** Not recommended for use with surface or concealed vertical rod exit devices.

Electrified Exit Devices

The Corbin Russwin ED5000 series electrified exit devices offer a complete range of options that may be integrated into the monitoring security and alarm systems of most buildings. The continuum of appearance is maintained, as well as the security and function of the ED5000 mechanical exit device.



List No.	Exit Device Description	Available options											
		M61	M91	M92	M93	M94	M97	SAF	SE		D	9903	9905
ED5200 (A)	Rim Exit Device	x	x	x	x	x	x				x	x	x
ED5200S (A)	Rim SecureBolt™ Device	x	x	x	x	x	x				x	x	x
ED5400 (A)	Surface Vertical Rod	x	x	x	x	x	x				x	x	x
ED5470 (B)	Surface Vertical Rod	x	x	x	x	x	x				x	x	x
ED5600 (A)	Mortise Exit Device	x	x	x	x	x	x	x	x		x		
ED5800 (A)	Concealed Vertical Rod	x	x	x	x	x	x				x		
ED5860 (B)	Concealed Vertical Rod	x	x	x	x	x	x				x		

Electrified Hardware Option Descriptions

M61	Alarm Option
M91	Bolt Monitor
M92	Touchbar Monitor
M93	Trim Monitor
M94	Latch Retraction
M97	Electric Dogging
SAF	Fail Safe Operation
SEC	Fail Secure Operation
D	Delayed Egress
9903	Fail Safe Electrified Trim
9905	Fail Secure Electrified Trim

Note 1: The following options cannot be ordered together on the same device:

- a) D x M52
- b) D x M61
- c) D x M92
- d) D x M94
- e) D x M97
- f) M52 x M61
- g) M52 x M97
- h) M61 x M92
- i) M94 x M97
- j) ED5400 x M61 with Monitors M91, M92 or M93
- k) ED6500 x M91 and M93
- l) ED5600 SAF x M91 or M93
- m) ED5600 SEC x M91 or M93

Note 2: When ordering a surface vertical rod exit device with the D option, rod and latch guards (provided by other) must be used.

Note 3: M88 (NFPA30) M89 (BOCA-15) and M90 (BOCA-30) are available only

as options for suffix "D" Delayed Egress Exit Devices. See pg. 34 for details

Electric Latch Pullback - M94

Continuous-duty solenoid retracts the latch bolt(s) for momentary or maintained periods of time. Latch Pullback provides a remote means of unlocking exit devices.

Application

SecureBolt™ Exit Devices
Rim Exit Devices
Surface Vertical Rod Exit Devices
Concealed Vertical Rod Exit Devices
Mortise Exit Devices

Listings

UL listed for both Panic and Fire Exit Hardware.

Electrical Specifications

Requires 781N Controller (120VAC input, output sequencer for one or two devices). No substitutes; using other power sources voids warranty. Requires a 4-wire electrical transfer pivot or hinge.

Solenoid

A dual retraction/holder-type solenoid.

6-9 Amp in rush @ 24VDC to 28VDC
(.172 Amp holding-continuous duty.)

Device bolts remain retracted for as long as the device is energized. Removal of power returns the device to the life safety, self-latching mechanical mode.

Interface with central or local fire alarm system, automatic door operators, access control systems, security alarm systems, and blow open door systems.

Note: This feature is not available with Electric Dogging (M97) on the same device.

How to Order

Specify Quick Code M94.

Electric Dogging - M97

This electronic feature will provide continuous dogging when power is applied and the push bar is depressed manually. Interruption or removal of the power will release the pushbar and return the exit device back to normal operation.

Application

SecureBolt™ Exit Devices
Rim Exit Devices
Surface Vertical Rod Exit Devices
Concealed Vertical Rod Exit Devices
Mortise Exit Devices

Listings

UL listed for both Panic and Fire Exit Hardware.

Electrical Specifications

.35 Amps @ 24VDC continuous duty (2)
36 volt holding magnets holding force (86 lbf. total)

Note: This feature is not available with Electric Latch Pullback (M94) on the same device.

How to Order

Specify Quick Code M97.

Mortise Device Trim Control Safe or Secure

Mortise device trim control provides a remote means of locking and unlocking the outside lever trim. This feature is provided by continuous duty solenoids in the device mortise lock.

Application

Mortise Exit Devices

Listings

UL listed for both Panic and Fire Exit Hardware.

Electrical Specifications

24VDC 330 milliamperes

Fail Safe units maintain the door locked as long as the device is energized.

Fail Secure units maintain the door unlocked as long as the device is energized.

Regulated 24VDC power supply required.

Note: SAF & SEC options are only available with ED5600L lock body functions and may not be combined with either the M91 or M93 monitoring options.

How to Order

Specify Quick Code "SAF" for Safe or "SEC" for Secure.

Delayed Egress Exit Device

The delayed egress option provides additional security and safety in a strong line of exit hardware. The delayed egress exit device is an electromechanical device used to secure interior or exterior openings.

Operation

The exit door is normally closed and latched. The Delayed Egress Exit Device "D" secures the door in the locked mode with the solid Red LED indicating locked mode status. Depressing the pushpad for less than 3 seconds will sound the nuisance beep without initiating the alarm. Depressing the pushpad for 3 seconds or longer will initiate an irreversible local audible beeping tone and a visual amber indicator until the device releases. The person depressing the exit bar is denied egress for 15 or 30 seconds and security personnel are alerted. After the delay time of 15 or 30 seconds the device releases, the LED changes to Green, and the alarm changes to a steady tone which continues to alarm until manually reset by key. The remote monitoring contact outputs can be used to alert security personnel.

Note: The 15-second time delay is standard. 30-second time delay is optional (may be accepted by local jurisdiction).

Applications

- For use on hollow metal, wood or composite interior or exterior doors.
- Available for rim, SecureBolt™, surface vertical rod, concealed vertical rod and mortise panic and fire-rated exit devices. For surface vertical rod exit devices, rod and latch guards (provided by other) must be used.
- Complies with NFPA 101 "Code For Safety To Life From Buildings And Structures" by National Fire Protection Association.
- BOCA options available to comply with National Building Code requirements. BOCA option is not suitable for installations in accordance with NFPA 101.
- 1-3/4" (45mm) door thickness standard; 2" (51mm) and 2-1/4" (57mm) optional; specify D200 or D214 when ordering.



- Standard 36" device fits 36" doors only. Device cannot be cut less than 36".
- Option W048 fits doors 42" – 48". Devices cannot be cut less than 42".

Listing

- UL/cUL Listed
 - Fire Exit Hardware (GXHX/GXHX7)
 - Controlled Exit Panic Device (FUKD/FUKD7)
 - Special Locking Arrangements (FWAX/FWAX7)
- BHMA (ANSI A156.3 and ANSI A156.24) Directory of Certified Exit Devices

Specifications

Input Voltage: 24VDC (+/- 10%)
Regulated and filtered.

Power Consumption

- Standard Device: 500 mA
- Device with Electric Trim Control: 1.5 Amp
- Mortise Device with "Safe" or "Secure" option: 1.5 Amp

Standard Features

Key Switch Operation:

- Normal: The system is armed by applying power to the device (solid Red LED). Depressing the pushpad for more than the nuisance delay time starts the exit delay cycle.
- Bypass: Turning the key switch clockwise to the bypass position allows immediate egress without alarming. The bar functions as a standard exit device. (Red LED flashes slow.)
- Reset/Delay: Used to reset device after the factory set 15 or optional 30 second delay cycle has timed out. If the device is armed, turning the key switch counterclockwise to the reset mode will release the device without alarm for egress and will rearm after 10 seconds. (Red LED flashes quickly.)

Local Visual Status Indicator:

- RED: The exit device is secure and the delayed egress circuitry is energized.
- AMBER: The egress cycle has started, indicated by an irreversible local audible beeping tone.
- GREEN: Exit device is in alarm and has released.

Nuisance Delay Time:

Depressing for 3 seconds or less sounds an audible beep without activating the irreversible alarm sequence. (Immediate alarm can be selected by removing a jumper on the control board.)

Internal Alarm Siren:

When the exit device is armed, depressing the push pad initiates the internal 85db alarm siren.

Remote Control Inputs:

- Remote Reset: Accepts a momentary contact (keyswitch, pushbutton, etc.) to reset the unit during alarm or allows momentary egress (10 seconds) when the unit is armed.
- Remote Bypass: Accepts a momentary contact to put the unit in a maintained bypass operation. The exit device functions as a standard device.

Alarm Outputs:

Two sets of normally open and normally closed contacts. Contacts change only during alarm status. One set of contacts changes when device delay cycle has started (Alarm). One set of contacts changes when device has released (Secure).

Door Sign:

Door sign per code included.

How to Order

Specify "D" suffix after device.
Example: ED5200SD

Delayed Egress Exit Device

Options

Bolt Position Monitor M91:

SPDT (Single Pole Double Throw) switch that monitors the position of the latchbolt or vertical rods. To order, specify M91.

Outside Trim Monitor M93:

Used when outside trim is desired to be used with an external door position switch (by others) input. This switch will allow Bypass (disarms device) when the trim is used for ingress. The device requires setting after entry by means of the keyswitch on the device or a remote switch. To order, specify M93.

Note: If an external DPS is not used, standard trim will allow entry without affecting the device in an armed mode. The device will only be affected when the touchbar is depressed.

Mortise Electric Trim Control SAF/SEC:

The mortise delayed egress exit device can be ordered with Fail Safe or Fail Secure outside trim operation. In a fire condition the Fail Safe trim will release for entry. When access control is used the Fail Secure trim allows entry by means of a remote card reader, keyswitch, pushbutton, etc. To order, specify SAF or SEC.

Note: The trim will open the door without affecting the device in an armed mode if a door position switch (by others) is not used.

30-Second Delay M88:

Device released after 30 seconds. The device will provide visual and audible indication that the delayed egress cycle has been activated. After the device has been released, the siren changes to a steady tone which continues until reset by keyswitch or remote inputs on the device. Required signage must indicate 30 seconds for release. To order, specify M88.

Note: 30 seconds may be accepted by local jurisdiction.

BOCA 15-Second Delay M89:

BOCA 30-Second Delay M90:

Upon pressing the touchpad for 3 seconds or more, the device will sound an audible beeping tone and release for egress after a total of 15 or 30 seconds, sounding the alarm. When the door is re-secured, the device will automatically rearm after 30 seconds. A door position switch (by others) is required for this option. Required signage must indicate 15 or 30 seconds for release. To order, specify M89 for BOCA 15 seconds or M90 for BOCA 30 seconds.

Note: BOCA option is not suitable for installations in accordance with NFPA 101.

Required Accessories

Power Supply:

A regulated and filtered power supply with a Fire Alarm interface is required. 1 Amp minimum @ 24VDC per device. Special options will require more amperage. Consult factory.

To order, specify:

- MPS 10 – 1 Amp @ 24VDC power supply (controls 1 “D” device)
- MPS 15 – 1.5 Amp @ 24VDC power supply (controls 2 “D”s or 1 “D” with SAF or SEC options)

Power Transfer:

Allows the power to make the transition from frame to door without pinching or removal of insulation. Optional power transfer: EPTL – concealed transfer for up to and over 120° swing doors. To order specify Part No. 704F28. Consult Folger Adam® catalog for additional recommended power supplies and accessories.

Trims

Utilizes heavy-duty and utility trims. See Trims and Functions, pages 20-23 and 28-31.

Cylinders

Utilizes a 1-1/8" mortise cylinder. Cylinder not included unless specified. See Quick Codes, page 50.

Warranty

Exit devices and heavy-duty trim carry a five-year limited warranty. Electronic components and utility trim carry a one-year limited warranty.



**EPTL
Power Transfer**

ED5000 Series Pushpad Exit Devices

Electrified Exit Devices



Activation

Alarm is armed by turning key clockwise. Low audible chirp indicates alarm has been activated. Alarm will sound when the exit device pushpad is depressed. Factory preset for standard alarm mode which automatically resets after 5 minutes.

Continuous Alarm Mode

Alarm sounds continuously when the exit device pushpad is depressed. Alarm must be manually reset by keyswitch. (This feature is selected by a switch on the circuit board.)

Low Battery Warning

Audible chirp. Every 30 seconds.

Warning Decal

“EMERGENCY EXIT-ALARM WILL SOUND” provided.

Nuisance Alarm

Units are factory preset for instant alarm. Selectable feature for alarm to sound when exit device touchbar is depressed for more than 2 seconds. (This feature is selected by a switch on the circuit board.)

Kit

Available in kit form for field retrofit. Order ED50AK.

Arming Delay/Authorized Egress

A 10-second delay (after arming) permits egress (by turning key clockwise).

Alarm Shunt

Ingress shunt alarm input for devices with signal & outside trim monitors (M91 & M93).

Power Requirements

One 9-volt battery (included).

Alarm Strength

90db @ 10 feet.

Arm/Disarm

Requires one 1-1/8" straight cam mortise cylinder. Clockwise turn arms the alarm, counterclockwise turn disarms or silences the alarm. Low audible chirp indicates alarm has been activated.

Device Status

A Red LED indicator will illuminate every 30 seconds when the alarm is armed.

Tamper Resistant

Built-in safety monitor sounds alarm when tampering occurs.

Cylinders

Cylinder not included unless specified. See Quick Codes, page 50.

Door Width

Available for 36"-48" devices only. Not available with devices less than 36".

Quick Code

M61

Alarm Kit

ED50AK

Exceptions

The ED50AK for the ED5000 series exit devices cannot be retrofitted in the field to the ED5400/5470 series surface vertical rod exit devices.

The alarm option is available for the surface vertical rod devices by factory order only. To order, add the quick code suffix M61 to the device number; for example, ED5470 x M61.

Please note, in accordance with Corbin Russwin's standard limited warranty, any attempt to retrofit the ED50AK to a surface vertical rod exit device will void the warranties for these products.

Surface vertical rod exit devices with alarm kit cannot be ordered with M91, M92 or M93.

How to Order

Ordering example for Exit Device

ED5400	626	M61
↓	↓	↓
Device	Finish	Quick Code for Alarm Option (Cylinder Not Included)

Ordering Example for Alarm Kit Only

ED50AK	626	W048
↓	↓	↓
Alarm Kit	Finish	Door Width (Cylinder Not Included)

NOTE: Dogging not available with M61 option and ED50AK alarm kit.

IK (INTELLIKEY®) Exit Device

The Corbin Russwin ED5000 series exit device with INTELLIKEY System 4000 Controller is a complete stand-alone, door-mounted device. The controller is concealed in the exit device and connects directly to the INTELLIKEY cylinder in the outside trim. No special wire transfers or hinges are needed for this stand-alone application.

Applications

May be used with the entire ED5000 Series: Rim, Secure Bolt™, Morse, SVR, CVR

Bar Length

Standard 36" (914mm) bar fits 36" door only. Device cannot be cut less than 36". Optional: 42" - 48" (1067mm - 1219mm). Devices must be factory cut. Specify W042, W044, W046, W048.

Door Thickness

1-3/4" (44mm) standard)
Optional: 2" (51mm); specify D200.
Optional: 2-1/4" (57mm); specify D214.

Dogging

Standard on panic devices; single-point turn hex key dogging.
Cylinder dogging is not available.

Functions and Trims

Available with 900 series heavy-duty trim. All lever designs available, including the Vineyard Collection.
Trim functions available: Classroom (55), Nightlatch (57), Storeroom (59)

Finishes

Available in 605, 613, 626. (Finish of cylinder and cylinder collar may vary slightly from the finish of the escutcheon and trim.)

Cylinder Collar

Use of the INTELLIKEY cylinder collar is required for trim used with the rim, SecureBolt™, SVR and CVR devices. Flush cylinder applications are available for trims used with mortise devices.

Battery Packs

Standard and Cold-Pack batteries are easily replaced. Order replacement slim line packs from Corbin Russwin/INTELLIKEY price book. (Cold-Pack batteries available for panic devices only.)

Electrical Options

Available with all ED5000 electrical options except the ED50AK alarm kit, M61 exit alarm option, D delayed egress option, and M91 bolt position monitoring.

Listing

IK option available for all ED5000 series panic and fire-rated devices. See individual pages in this catalog for specific UL listing information.

Warranty

5-year limited warranty on exit device and heavy-duty trim. 1-year limited warranty on cylinder and electronic components.

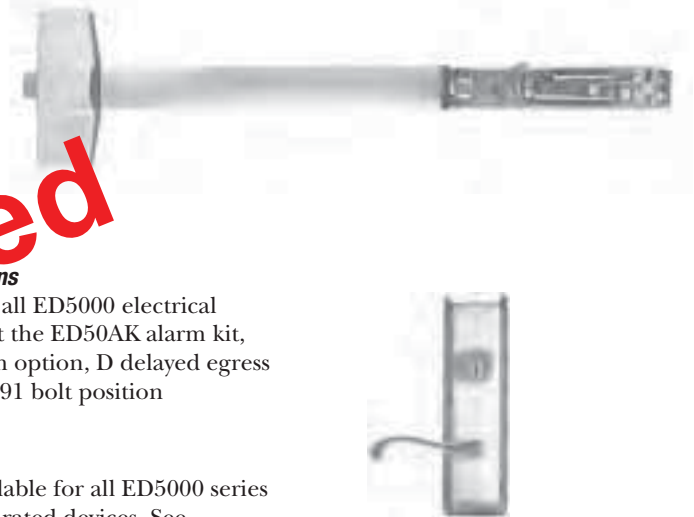
Maintenance

Cylinders must be maintained using Corrosion Block lubricant to maintain the INTELLIKEY warranty. (INTELLIKEY part number 100795)

How to Order

Specify IK after device. Ex: ED5200SIK.

NOTE: The IK device is only available through authorized INTELLIKEY distributors only.



Electrically Controlled Heavy-Duty Trim

Electrically controlled trim provides electric locking and unlocking of the 900 Series heavy-duty trim. It easily retrofits into existing applications and is ideal for door control.

Advantages

- Available in Fail Safe or Fail Secure operation
- 24VAC/VDC
- Internal rectifier accepts AC or DC voltage
- Free Wheeling lever when locked
- Key override (specify cylinder)
- Plug connector with 4' wire lead (Exit device can be used as the wire raceway)

Applications

- ED5200(A) Rim
- ED5200S(A) SecureBolt™
- ED5400(A) Surface Vertical Rod
- ED5470(B) Surface Vertical Rod

Trim

Utilizes all 900 series trim lever designs including the Vineyard Collection

Electrical Specifications

- Solenoid: 330 mA @ 24 Volts
- Security Monitor Switch (M98): 4 AMP @ 250VAC

Options

- M98 – Security Monitor. A SPDT switch that monitors the position of the solenoid (lock and unlock status).
- M99 – Trim gasket for exterior applications.

Cylinder

Cylinder not included unless specified. See Quick Codes, page 50.

How to Order

N9903 626 RHR M98, 6P



Electrically Controlled Heavy-Duty Trim

FUNCTIONS

Fail Safe

The x9903 trim is locked when power is on and unlocked when power is off.

	Function Description
x9903 (Fail Safe)	• Lever is locked when power is on (Free Wheeling)
	• Power off allows entry from trim
	• Inside device is always active for egress
	• Mechanical key override (09 Function – Key allows lever to retract latch bolt. Key can only be removed in locked position.)

Fail Secure

The x9905 trim is locked when power is off and unlocked when power is on.

	Function Description
x9905 (Fail Secure)	• Lever is locked when power is off (Free Wheeling)
	• Power on allows lever activation for entry
	• Inside device is always active for egress
	• Mechanical key override (09 Function – Key allows lever to retract latch bolt. Key can only be removed in locked position.)

x = Trim design

781N Controller

Operation

Designed to control one or two electric latch pullback M94 exit devices. Equipped with two 20-second timers which can operate the exit devices together or independently. Requires a momentary or timed, dry contact input and can be interfaced with access control systems, automatic door operators, "blow open" type scenarios and has provisions for N/C fire alarm systems.

Features

- 2 control inputs. Accepts normally closed dry contacts for device activation from a key switch, push button, access control or fire alarm system.
- 2 normally open control outputs for automatic door operators
- 2 M94 device outputs
- Fire Alarm Interface input
- 12VDC output for audible or LEDS .25 AMP
- 24VDC output for audible or LEDS .25 AMP

Wiring

Up to 40 feet: 16 AWG wire
Up to 60 feet: 14 AWG wire
Up to 100 feet: 12 AWG wire

Electrical Specifications

- 120 or 240VAC 60 Hz Power input
- 9 Amp inrush for 100 milliseconds
- Holding voltage @ 28volts unregulated

Listings

Listed as an Exit Device Control Unit to UL 294 requirements.

Note: The 781N is the only power source to be used with the M94 option. Using any other power supply will void the warranty and cause possible damage to the exit device.

Ordering

781N-120 Controller (120VAC input)
781N-240 Controller (240VAC input)

EPTL

Concealed power transfer for over 120° swing doors. Installs in door and frame edges. Supports wires up to .25" (6mm) thick, and works with doors hung with butt hinges, continuous hinges and pivots. To order, specify Part No. 704F28

781N Controller



Monitors - M91, M92, M93

Operation

Monitors are used to indicate the authorized and unauthorized use of an opening or to signal and control other opening hardware, such as magnetic locks. Each monitoring device is equipped with one internal single-pole double-throw (SPDT) switch per monitor.

Bolt Position Monitoring - M91

Provides indication of the position of the latch bolt. Used with security systems to monitor the latch bolt; also used to activate automatic door operators upon latch retraction.

Application

See chart on page 32.

Listings

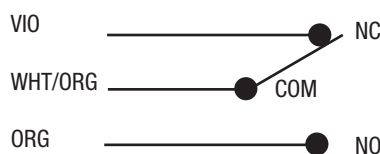
UL listed for both Panic and Fire Exit Hardware.

Electrical Specifications

5 Amps @ 28VDC SPDT contacts

Ordering

Specify Quick Code M91.



Touchbar Monitoring - M92

Provides indication of the pushpad being depressed. Used as a request to exit to shunt alarm systems, release electromagnetic locks or monitor egress.

Application

See chart on page 32.

Listings

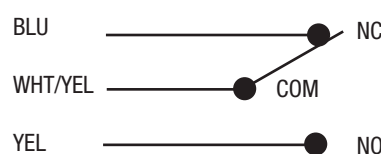
UL listed for both Panic and Fire Exit Hardware.

Electrical Specifications

4 Amps @ 250 VAC contacts

Ordering

Specify Quick Code M92.



Outside Monitoring or Signaling - M93

Provides indication of the device being operated from the outside. Used as a request to enter signal switch to shunt alarms; also used to monitor entry.

Application

See chart on page 32.

Listings

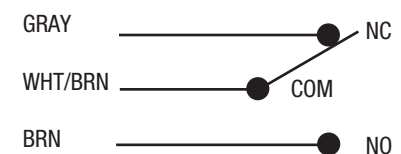
UL listed for both Panic and Fire Exit Hardware.

Electrical Specifications

5 Amps @ 28VDC SPDT contacts

Ordering

Specify Quick Code M93.



Power Supplies

Operation

Power supplies are designed to provide reliable filtered and regulated power for long life to a variety of electrified hardware components. All modular power supplies are designed to meet UL 1481 Standards. Recommended for the M97 and delayed egress exit devices.

Features

- Fire panel emergency release input
- PC Board mounted system LED indicator
- Regulated and filtered with input and output protection
- Battery charging is provided from a separate output terminal

Electrical Specifications

- Inputs: 115VAC @600mA (230 VAC optional), 50Hz/60Hz
- Outputs: 24 VDC @ 1 Amp, 2 Amp or 4 Amp, Filtered and regulated output

Listings

- UL & cUL listed 1012 General Purpose Power Supply
- Fire & Burglar Alarm Power Supply Unit URT2
- Releasing device Accessory SYSW
- Access Control Systems Units ALVY
- Burglar Alarm Systems Power Supply APHY

Applications

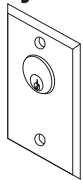
- D – Delayed Egress
- M97 – Electric Dogging
- SAF – Fail Safe mortise device trim control
- SEC – Fail Secure mortise device trim control



Model	Enclosure	Input	Output
FABPS-24-1	12" (304mm) x 9" (229mm) x 4" (102mm)	115VAC, 50/60 Hz.	1.0 Amp @ 24 VDC
FABPS-24-2	14" (356mm) x 14" (356mm) x 4" (102mm)	115VAC, 50/60 Hz.	2.0 Amp @ 24 VDC
FABPS-24-4	15" (381mm) x 18" (457mm) x 6" (152mm)	115VAC, 50/60 Hz.	4.0 Amp @ 24VDC

Exit Controls and Switches

Key Switches



FAMKA

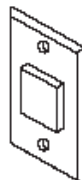
FAMKA - (1) SPDT Maintained
 FAMK - (1) SPDT Momentary
 FAMKN - (1) SPDT Momentary NS
 FAMK2 - (1) DPDT Momentary
 FAMKPZ x MKS - (1) SPDT Momentary with audio Double Gang x Additional Switch

Note: All key switches come standard with 12/24 VDC Bi-color LED.

Specifications

- Keyswitch for operation using a standard 1-1/4" mortise cylinder (cylinder not included).
- Contact Rating 5 Amps @ 12-24VDC.
- SPDT 3-position.

Push Buttons



FAPB2



FAPB3

FAPB2 - (1) SPDT Momentary
 FAPB2 - (1) DPST Remote Momentary
 FAPB3 - (1) DPST Momentary
 FAPB3A - (1) DPST Maintained (Alt. Action)
 FAPB3EA - (1) DPST Alternate

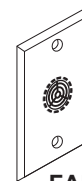
Specifications

- 3 Amps @ 12-24 VDC

Indicator

FAZLP - (1) Red and Green LED on narrow gang plate.

Audible/Visual Annunciators



FAPZ1

FAPZ1 - Sonalert 90db @ 2ft. 12-24VDC. Mounted on one gang stainless steel plate.

Digital Entry

FADK-11 - Digital Keypad - 4 User
 FADK-26SS - Digital Keypad NS - 59 User - SS Finish
 FADK-26BK - Digital Keypad NS - 59 User - Black Finish

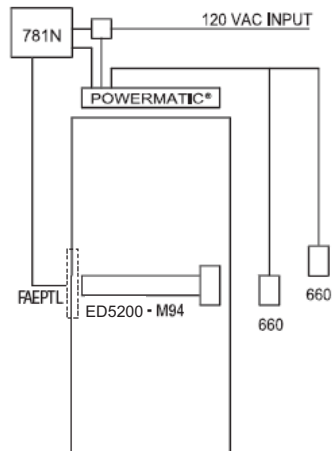
Power Transfers

FATSB B-C - Door Cord

ED5000 Series Pushpad Exit Devices

Electrified Applications

Latch Pullback - M94 Option



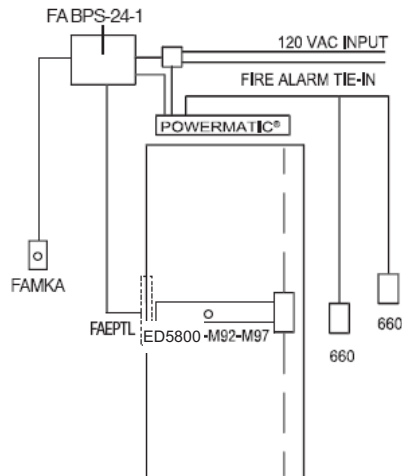
Components

ED5200 x M94 Latch Retraction Exit Device - Corbin Russwin
 781N Power Control Unit - Corbin Russwin
 6900 Powermatic - Norton
 660 Push Pads - Norton
 FAEPTL - Corbin Russwin

Operation

Operation of Push Pads from either side of door will activate the 781N Controller for the Latch Retraction Exit Device. An internal timer on the 6900 will also provide length of time door is open and latch being retracted. Door operator also acts like standard closer when opened manually.

Electric Dogging & Touchbar Monitoring Switch - M97 & M92



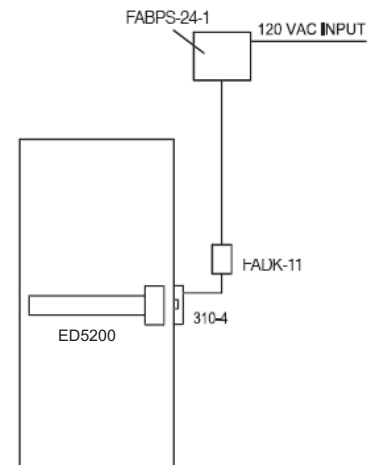
Components

ED5800 x M92 x M97 with Cyl. + Bar Monitor & Elect. Dogging - Corbin Russwin
 6900 Powermatic - Norton
 660 Push Pads - Norton
 FAEPTL - Corbin Russwin
 FABPS-24-1 Power Supply - Corbin Russwin
 FAMKA Key Switch - Corbin Russwin

Operation

Operation of Electric Dogging combined with the Door Monitor Switch will enable Push Pads for operation of the 6900. A maintained keyswitch will control the activation of the electric dogging which is powered by the FABPS Power supply. A Fire Alarm Tie-In, if required, will release the dogging and let the operator work in manual mode when activated. (NOTE: Electric Dogging is not automatic like Latch Retraction. It requires the bar to be pushed in manually the first time after applying power.)

Rim Device with Electric Strike



Components

ED5200 Exit Device - Corbin Russwin
 FADK-11 Digital Keypad - Folger Adam
 310-4 Electric Strike - Folger Adam
 FABPS-24-1 Power Supply - Corbin Russwin

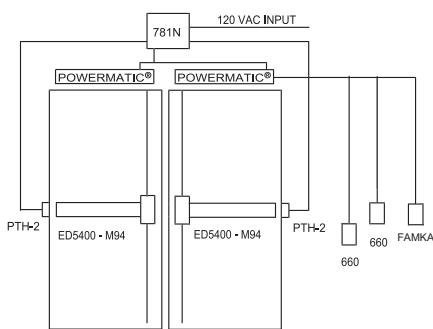
Operation

Operation of FADK-11 Digital Keypad will allow keyless entry from the non-protected side of opening. Free exit using the exit device from the protected side of the door.

ED5000 Series Pushpad Exit Devices

Electrified Applications

Latch Pullback - M94 Option with Norton® Powermatic® Door Operator



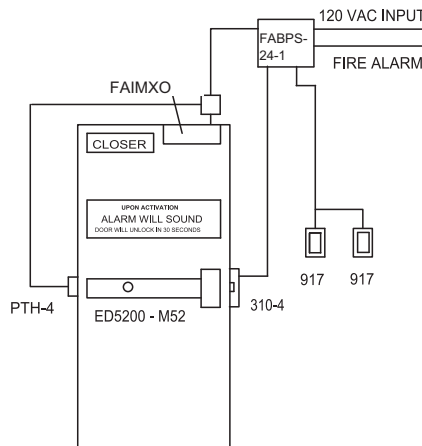
Components

ED5400 x M94 Latch Retraction Exit Device - Corbin Russwin
 781N Power Control Unit - Corbin Russwin
 6900 Powermatic - Norton
 660 Push Pads - Norton
 PTH-2 Power Transfer Hinge - Folger Adam
 FAMKA Keyswitch - Corbin Russwin

Operation

Activation and operation of Push Pads from either side of door will be controlled by the FAMKA Maintained Keyswitch. The Push Pads will in turn activate the 781N Controller for the Latch Retraction Exit Device. An internal timer on the 6900 will coordinate and prevent the door from being opened before latch retraction takes place. Standard timers on the 6900 will also provide length of time door is open and latch being retracted. Door operator also acts like standard closer when opened manually.

Rim Exit Device with Delayed Egress Locking Magnet Having “Y” Option, Digital Keypads and Electric Strike



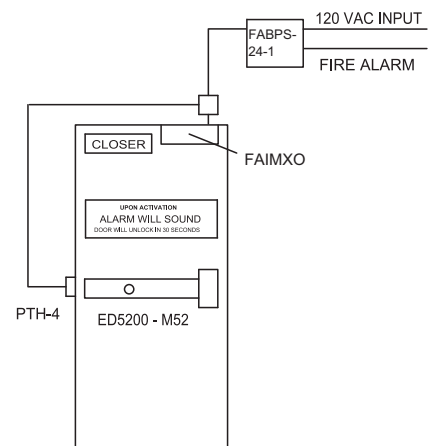
Components

ED5200 x M52 Exit Device with Cylinder Dogging - Corbin Russwin
 FAIMXO Delay Egress Lock with Ext. Reset - Folger Adam
 310-4 Electric Strike - Folger Adam
 PTH-4 Power Transfer Hinge - Folger Adam
 FABPS-24-1 Power Supply - Corbin Russwin
 FADK-11 Digital Keypads - Corbin Russwin
 Surface Door Closer - Corbin Russwin

Operation

Operation of FADK-11 Digital Keypads are required for authorized ingress or egress. Unauthorized egress will sound an alarm and activate the 15- to 30-second alarm sequence on the FAIMXO Magnetic Lock. After this time period, the lock will release and free egress is possible. When the fire alarm is activated, power to the magnetic lock will be interrupted, allowing free egress and mechanical latching using the 310-4 Electric Strike. Reset and bypass of the Magnetic Lock is done through the “Y” switch mounted in the ED5200 exit device.

Rim Exit Device with Delayed Egress Locking Magnet Having “Y” Option on “Exit Only” Door



Components

ED5200 x M52 Exit Device with Cylinder Dogging - Corbin Russwin
 FAIMXO Delay Egress Lock with Ext. Reset - Folger Adam
 PTH-4 Power Transfer Hinge - Folger Adam
 FABPS-24-1 Power Supply - Corbin Russwin
 Surface Door Closer - Corbin Russwin

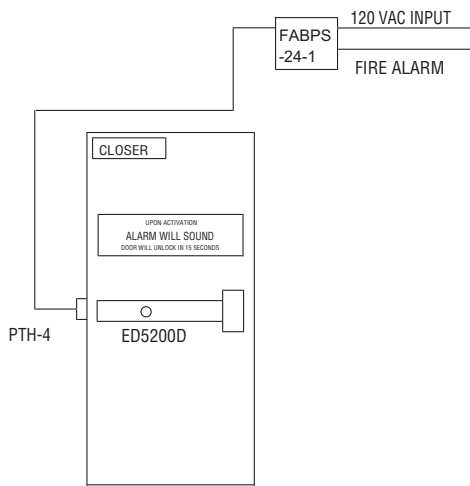
Operation

Operation of the ED5200 x M52 exit device will sound an alarm and activate the 15- to 30-second alarm sequence on the FAIMXO Magnetic Lock. After this time period, the lock will release and free egress is possible. When the fire alarm is activated, power to the magnetic lock will be interrupted, allowing free egress and mechanical latching. Authorized alarm bypass and reset is done through the “Y” option keyswitch located in the exit device.

ED5000 Series Pushpad Exit Devices

Electrified Applications

Rim Exit Device with Delayed Egress Option on "Exit Only" Door



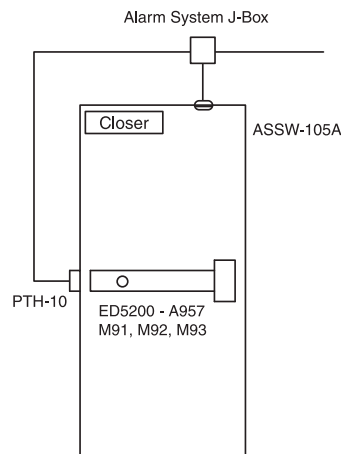
Components

ED5200D - Delayed Egress Exit Device - Corbin Russwin
 PTH-4 Power Transfer Hinge - *Folger Adam*
 FABPS-24-1 Power Supply - Corbin Russwin
 Surface Door Closer - Corbin Russwin

Operation

Operation of the ED5200 D Exit Device will sound an alarm and activate either a 15- or 30-second alarm sequence inside of the exit device. After this time period, the device will release the push bar, making it active, and egress is possible. When the fire alarm is activated, power to the exit device will be interrupted, allowing free egress and mechanical latching. Authorized alarm bypass and reset is done through the built-in keyswitch located in the exit device.

Rim Exit Device - High-Security Application M91, M92 and M93 Monitoring Switch Options With ASSW-105A Door Position Switch



Components

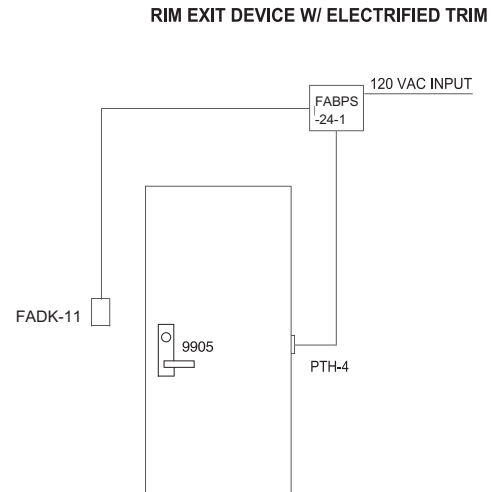
ED5200 - A957 Nightlatch Trim - Corbin Russwin
 M91 Bolt Monitor Switch
 M92 Touchbar Monitor Switch
 M93 Trim Monitor Switch
 ASSW-105A Door Position Switch - *Folger Adam*
 PTH-10 Power Transfer Hinge - *Folger Adam*
 Surface Door Closer - Corbin Russwin

Operation

Operation of the ED5200 Exit Device with the M91, M92, M93 and ASSW-104A can be used together or individually to sound an alarm, shunt an alarm, monitor the door's security or as a "Request to Exit" in conjunction with a magnetic lock.

Electric Trim

Rim Exit Device with Electrified Trim



Components

9905 Electrified Trim - Corbin Russwin
 ED5200 Rim Exit Device - Corbin Russwin
 FADK-11 Digital Keypad - Corbin Russwin
 PTH-4 Electrified Hinge - *Folger Adam*
 FABPS-24-1 Power Supply - Corbin Russwin

Operation

Operation of the FADK-11 Digital Keypad will allow keyless entry from the non-protected side of the opening. When a valid code is entered into the keypad, voltage will be applied to the trim, making the lever active and allowing ingress. Free exit is allowed by using the exit device from the protected side of the door.

ED5000 Series Pushpad Exit Devices

Mullions

Mullions

Used to install two Rim Exit Devices in a double door opening. May be quickly and easily removed when a full double door opening is temporarily required.

Materials and Finish

Tubular steel mullions, 1-1/2" x 3", with malleable iron top and bottom mounting brackets; furnished with zinc-plated fasteners for metal frames and concrete floors. May be cut, drilled and tapped in the field for Rim Exit Devices. Mullion brackets are silver aluminum painted, BHMA 689. Mullion is primed for painting, BHMA 600.

How to Order

To order, specify Part No.

Maximum UL Listing	Mullion Opening Height	Part No.
3-Hour	7'0"	707A
3-Hour	8'0"	708A
Panic Only	10'0"	710

Keyed Removable Mullion

Designed for simple removal/re-locking when an unobstructed large opening is required. Mullion automatically re-locks when re-installed without the use of the cylinder key. To order with a mullion, specify quick code KM. To order the retrofit kit, specify KRM700A.

Patent # 6,427,387.

Cylinder not included. Accepts a standard 1000-118-A02 mortise cylinder. For other cylinder options, see page 49.



Mullion Stabilizer Kit

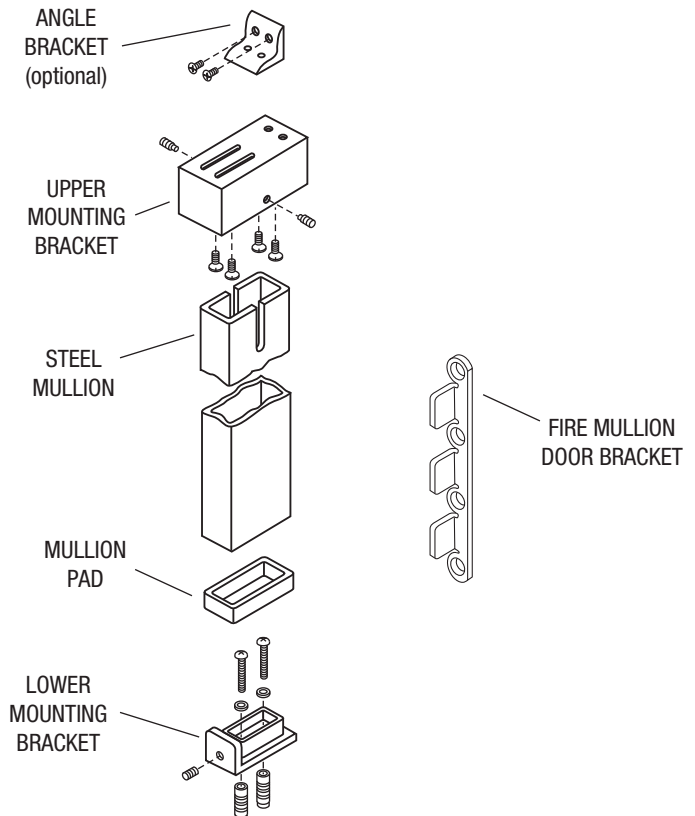
Controls the movement of the mullion. Recommended for openings over 7' high, or whenever door movement must be minimized. To order with mullion, specify M57. To order separately, specify Part No. 653F11-1 x 628 (aluminum)

Spacer Block

Recommended for double rabbeted frames where the stop face width is less than the mounting hole spacing and also for door frames 5-3/4" (176mm) or less. To order with a mullion, specify M95. To order separately, specify Part No 683F29-8.

Angle Bracket

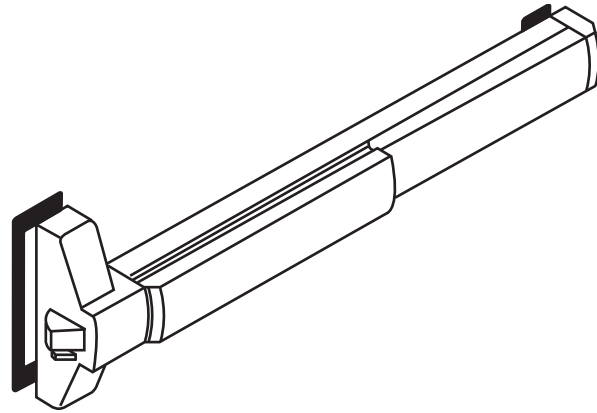
Recommended for any header configuration with less than 3" (76mm) of mounting surface. To order with a mullion, specify M96. To order separately, specify Part No 655F63-8.



Shim Kits

Designed for mounting an exit device over raised vision light molding. Each kit contains two sets of 1/8" thick shims to shim a device 1/8" (3mm) or 1/4" (6mm). Black finish. To order with exit device, specify M58. To order separately, specify Part No.

Exit Device Type	Shim Kit Part No.
ED5200 (A)	697F33-8
ED5200S(A)	
ED5600 (A)	
ED5800 (A)	
ED5860(B)	
ED5400 (A)	697F34-8
ED5470(B)	

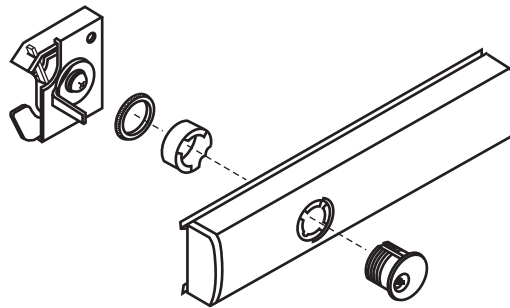


Cylinder Dogging

To order Cylinder Dogging with exit device, specify M52. Cylinder not included unless specified. Cylinder dogging not available for fire-rated devices. See Quick Codes, page 50.

Cylinder Dogging Kit

Designed to convert a panic device from hex key dogging to cylinder dogging. To order Cylinder Dogging Kit, specify Part Number x Finish below. Cylinder not included.



Bar Length	Cylinder Dogging Kit Part No.
36" (914mm)	653F12
48" (1219mm)	653F14

Note: Cylinder dogging not available for fire-rated devices.

Surface and Concealed Vertical Rod Extension Kits

Used to extend the height of standard length rods supplied with vertical rod exit devices. Available in 2", 6" and 12" sizes. To order with exit device, see Quick Codes, page 50. To order separately, specify Part No. x Finish.

Rod Extension	Rod Extension Kit Part No.
2" (50mm)	655F15
6" (152mm)	655F16
12" (305mm)	655F17

ED5000DB Inactive Bar

Non-operating dummy pushpad available for doors up to 48" wide. May be field cut for narrower doors. To order, specify ED5000DB x Finish.

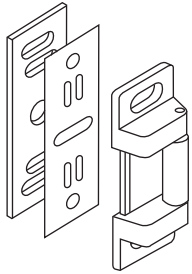


ED5000 Series Pushpad Exit Devices

Options & Accessories

Rim Strikes

(Screws Included)



Rim Strike

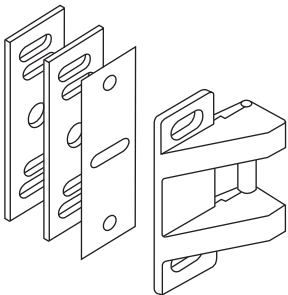
Standard on ED5200 devices. Supplied with two 1/16" (1.6mm) shims. For doors with 1/2" (13mm) or 5/8" (16mm) stop. Adjustable to compensate for shrinkage and swelling of door. 3-1/2" x 1-1/4" (99mm x 32mm). Black finish only. To order separately, specify 650F29-8.

SecureBolt™ and Fire-Rated Rim Strike

Standard on ED5200S, ED5200SA and ED5200A devices. Supplied with locking plate and two 1/16" (1.6mm) shims. For doors with 1/2" (13mm) or 5/8" (16mm) stop. Adjustable to compensate for shrinkage and swelling of door. 3-1/2" x 1-1/4" (99mm x 32mm). Black finish only. To order separately specify 650F30-8.

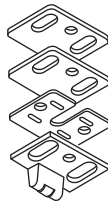
Rim x Vertical Rod Strike

Required for ED5200 and ED5200S devices when used on pair of doors with vertical rod devices. Black finish only. To order with device, specify S02. To order separately, specify 655F71-8.



Surface and Concealed Vertical Rod Strikes

(Screws Included)



Top Strike

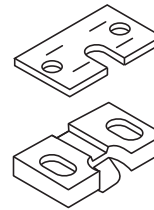
Standard on ED5400(A) and ED5800(A) devices. Supplied with two 1/16" (1.6mm) shims and one 1/16" (1.6mm) locking plate. Adjustable to compensate for shrinkage and swelling of door. 1-9/16" x 15/16" (40mm x 24mm). Black finish only.



Bottom Strike

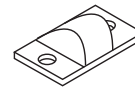
Standard on ED5400(A) and ED5800(A) devices. 1-1/16" (27mm) diameter x 1/16" (1.6mm) lip x 11/16" (17mm) high. Black finish only.

Both top and bottom strikes are included in the vertical rod parts packet. To order parts packet, specify 650F57-8.



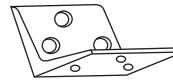
Top Strike

Standard for ED5470 and ED5470B devices. Supplied with 1-1/16" (27mm) shim. Adjustable to compensate for shrinkage and swelling of door. 2" x 1" (51mm x 25mm). Black finish only. Top strike is included in SVR parts packet. To order parts packet, specify 654F15-8.



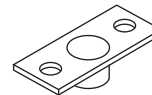
Top Strike

Standard for ED5860 and ED5860B devices. Recessed strike. 2" x 1-5/8" (51mm x 41mm). Black finish only. Top strike is included in CVR parts packet. To order parts packet, specify 698F05-8.



Flush Transom Top Strike Bracket

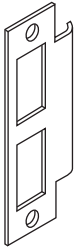
Optional for use with ED5400 and ED5400A devices. Used to mount top strike on openings with flush transom. 2-1/2" x 1-5/8" (64mm x 41mm). Black finish only. To order with exit device, specify M67. To order separately, specify 650F87-8.



Bottom Strike for 1/2" Thresholds

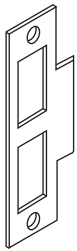
Optional for use with vertical rod devices. Required in fire-rated openings with 1/2" (13mm) threshold or for flush mount. 2-5/8" x 1-1/16" (67mm x 27mm). Black finish only. To order with exit device, specify S09. To order separately, specify 650F88-8.

Mortise Strikes



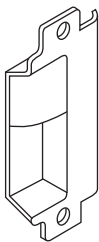
Mortise Strike

Standard on ED5600 and ED5600A. Non-handed, ANSI curved lip, 4-7/8" x 1-1/4" x 1-1/4" (124mm x 32mm x 32mm) lip to center. Black finish. To order separately, specify 650L657020.



Mortise Strike for Pairs of Doors with Astragal

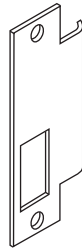
Optional for use with ED5600 and ED5600A devices where an astragal is to be installed. Non-handed, ANSI straight lip, 4-7/8" x 1-1/4" x 7/8" (124mm x 32mm x 22mm) lip to center. Black finish. To order with exit device, specify SS078. To order separately, specify 653L157014.



Open Back Strike

Optional for use with ED5600 x vertical rod devices on a pair of doors. Non-handed, 4-7/8" x 1-1/4" (124mm x 32mm). Black finish. To order with exit device, specify SB134 for 1-3/4" doors, SB214 for 2-1/4" doors. To order separately, specify Part No.

Door Thickness	Type	Part No.
1-3/4" (44mm)	Curved lip	653L183016
	Straight lip	653L163016
2-1/4" (57mm)	Curved lip	653L183020
	Straight lip	653L163020



Mortise Strike

Standard on ED5600 and ED5600A devices on 2" (51mm) (D200) and 2-1/4" (57mm) (D214) thick doors. Handed ANSI curved lip, 4-7/8" x 1-1/4" x 1-1/2" (124mm x 32mm x 38mm) lip to center. Black finish. To order separately, specify 656L677024 for RH, 656L687024 for LH.



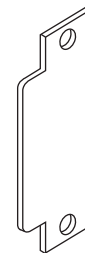
ANSI Wrought Strike Box

Optional for use with ED5600 and ED5600A devices. To order with exit device, specify M17. To order separately, specify 120F76-8.

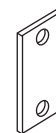
Filler Plates



Optional for use on stock metal doors when required. To order, specify 334F99-8 600.



Optional for use on stock metal doors when required. To order, specify 236L708018 x Fin.



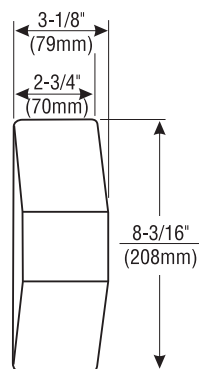
Optional for use on stock metal doors when required. To order, specify 077F19-8 600.

ED5000 Series Pushpad Exit Devices

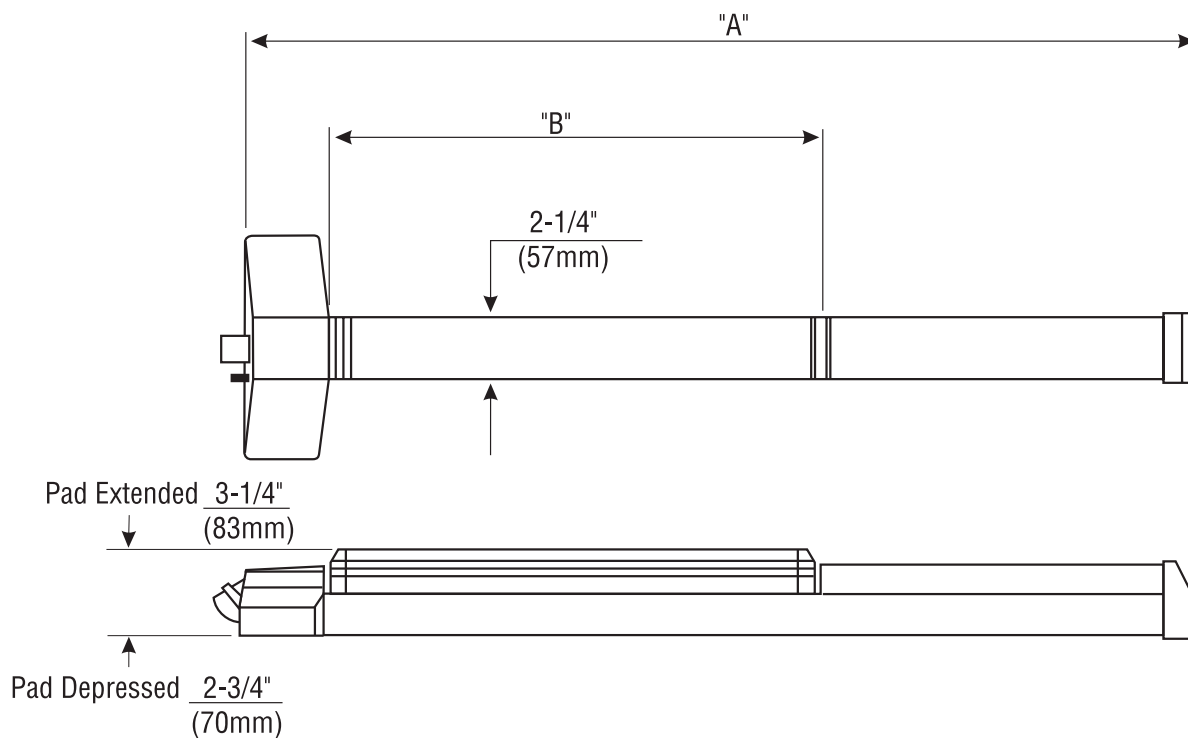
Facts and Figures

ED5000 Series (all variables)

Series	"A"	"B"
ED5000	$32\text{-}7/8"$	$18"$
ED5000A	(835mm)	(457mm)
ED5000 x W048	$44\text{-}7/8"$	$24"$
ED5000A x W048	(1140mm)	(610mm)
ED5000 x W024	$20\text{-}7/8"$	$12"$
ED5000A x W024	(530mm)	(305mm)



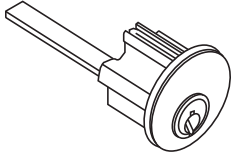
Cover Detail



ED5000 Series Pushpad Exit Devices

Cylinders

700 Series Trim
Rim cylinders

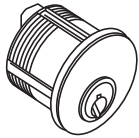


Description	Part Number	Cylinder Ring	57 Function Trim Only Part Number	Cylinder Ring**
6-pin	3000-058	270F15	3000-200N*	270F15
7-pin	3000-058-7	654F07	3000-200-7	654F07
6-pin, IC	3080-058	654F07	3080-178	654F07
7-pin, IC	3080-058-7	654F08	3080-178-7	654F08
6-pin, IC, less core	3070-058	654F07	3070-178	654F07
7-pin, IC, less core	3070-058-7	654F08	3070-178-7	654F08
6-pin, Security	3010-058	654F07	3010-200	654F07
6-pin, Security IC	3090-058	654F07	3090-178	654F07
7-pin, Pyramid	3020-058	654F07	3020-200N	654F07
7-pin, Pyramid IC	3030-058	654F07	3030-178	654F07

*For K157, substitute -200

**K157 uses the 270F15 cylinder ring

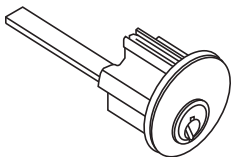
700 Series Mortise
Trim & KRM
Mortise cylinders



Description	Part Number	Cylinder Ring	Part Number	Cylinder Ring
6-pin	1000-118-A02	447F452	1000-118-A02	None Required
7-pin	1000-114-A02-7	610F02	1000-114-A02-7	None Required
6-pin, IC	1080-114-A02	610F02	1080-114-A02	None Required
7-pin, IC	1080-112-A02-7	609F36	1080-112-A02-7	447F42
6-pin, IC, less core	1070-114-A02	610F02	1070-114-A02	None Required
7-pin, IC, less core	1070-112-A02-7	609F36	1070-112-A02-7	447F42
6-pin, Security	1010-118-A02	610F02	1010-118-A02	None Required
6-pin, Security IC	1090-114-A02	610F02	1090-114-A02	None Required
7-pin, Pyramid	1020-114-A02	610F02	1020-114-A02	None Required
7-pin, Pyramid IC	1030-114-A02	610F02	1030-114-A02	None Required

Key Removable Mullions

900 Series Trim
Rim cylinders

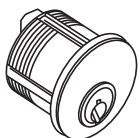


Description	Part Number	Cylinder Ring	57 Function Part Number	Cylinder Ring**
6-pin	3000-058	None Required	3000-200N*	None Required
7-pin	3000-058-7	422F88	3000-200-7	422F88
6-pin, IC	3080-058	422F88	3080-178	422F88
7-pin, IC	3080-058-7	686F98	3080-178-7	686F98
6-pin, IC, less core	3070-058	422F88	3070-178	422F88
7-pin, IC, less core	3070-058-7	686F98	3070-178-7	686F98
6-pin, Security	3010-058	422F88	3010-200	422F88
6-pin, Security IC	3090-058	422F88	3090-178	422F88
7-pin, Pyramid	3020-058	422F88	3020-200N	422F88
7-pin, Pyramid IC	3030-058	422F88	3030-178	422F88

*For K157, substitute -200

**K157 uses the 270F15 cylinder ring

900 Series Mortise Trim
Mortise cylinders



Description	Part Number	Cylinder Ring
6-pin	1000-112-A02	None Required
7-pin	1000-112-A02-7	None Required
6-pin, IC	1080-112-A02	None Required
7-pin, IC	1080-112-A02-7	None Required
6-pin, IC, less core	1070-112-A02	None Required
7-pin, IC, less core	1070-112-A02-7	None Required
6-pin, Security	1010-112-A02	None Required
6-pin, Security IC	1090-112-A02	None Required
7-pin, Pyramid	Not Available	None Required
7-pin, Pyramid IC	1030-112-A02	None Required

Cylinder and Keying

Description	Specify
Less cylinder(s)	standard
Conventional 6-pin	6P
Conventional 7-pin	7P
IC 6-pin	C6
IC 6-pin with temporary construction core	CT6
IC 6-pin less core	CL6
IC 7-pin	C7
IC 7-pin with temporary construction core	CT7
IC 7-pin less core	CL7
Security	HS
Security IC	CHS
Pyramid Fixed Core	PHS
Pyramid IC	PCHS
Pyramid with temporary construction core	CTP
Pyramid less core	CLP
Blockout function cylinder	BO
0-bitted with 2 blank keys	(standard with cylinder)
Keyed random	KR
Construction master keyed (not available for Pyramid)	CMK
Visual Key Control	
- No keying data stamped on key or cylinder	VKCO
- Keys only	VKC1
- Cylinders and keys (not for HS, CHS, PHS or PCHS)	VKC2
- Cylinders only (not for HS, CHS, PHS or PCHS)	VKC3
Concealed key control (CKC)	
- CKC cylinders with VKC keys	CKC2
- CKC cylinders only (not for PHS or PCHS)	CKC3
2 keys per cylinder	(standard with cylinder)
Other than 2 keys	KY# (e.g., KY6)

Removable Mullion

Description	Specify
Up to 7'0" ED5200(S) and ED5200(S)(A)	707A
Up to 8'0" ED5200(S) and ED5200(S)(A)	708A
Up to 10'0" ED5200(S) only	710
707A, 708A, 710 mullions, keyed removable	KM
Retrofit kit for existing 700 series mullions	KRM700A
Door frame filler block for double rabbeted frames	M95
Door frame angle bracket for aluminum frames	M96
Mullion stabilizer	M57

Door Height

Door	Specify
ED5400(A) and ED5470(B) devices	
7'0"	(standard)
7'2"	H0702
7'6"	H0706
8'0"	H0800
ED5800(A) devices	
8'0"	(standard)
ED5470(B), ED5860(B) devices	
9'0"	H0900
10'0"	H1000

Door Width

Door	Specify
24" (610mm)	W024
36" (914mm)	(standard)
48" (1219mm)	W048

Finish

Description	Specify
US3 Bright Brass	605
US4 Satin Brass	606
US9 Bright Bronze	611
US10 Satin Bronze	612
US10B Dark Oxidized Satin Bronze, oil rubbed	613
US26 Bright Chromium Plated	625
US26D Satin Chromium Plated	626
US32 Bright Stainless Steel	629
US32D Satin Stainless Steel	630

Strike

Description	Specify
Rim x vertical rod on pairs of doors	S02
Surface and concealed vertical rod	
Bottom strike for 1/2" thresholds	S09
Mortise ANSI strike for pairs of doors with astragal	SS078
Open back strike for 1-3/4" doors	SB134
Open back strike for 2-1/4" doors	SB214

Door Thickness

Door	Specify
1-3/4" (44mm)	(standard)
2" (51mm)	D200
2-1/4" (57mm)	D214

Miscellaneous Options

Description	Specify
Torx® Head Screws	M04
ANSI wrought strike box (mortise)	M17
*Knurling outside & inside (embossed touchbar - device side)	M20
*Knurling outside only (trim side)	M21
*Knurling inside only (embossed touchbar - device side)	M22
*Abrasive coat outside and inside (trim and device)	M23
*Abrasive coat inside only (device side)	M24
*Abrasive coat outside only (trim side)	M25
Less dogging	M51
Cylinder dogging	M52
Sex nuts and bolts (SNBs)	M54
Less bottom rod (ED5470(B) & ED5860(B) only)	M55
Narrow stile cover	M56
Mullion stabilizer	M57
Shim kit (for vision light)	M58
Wood screws for use on fire-rated solid wood or wood core doors	M64
Flush transom top strike bracket (ED5400 and ED5400A only)	M67
Door frame filler block for double rabbetted frames	M95
Door frame angle bracket for aluminum frames	M96

*Not available with Vineyard Collection Levers

Handing

Hand	Specify
Right Hand Reverse	RHR
Left Hand Reverse	LHR

Electrified Options for Exit Devices

Description	Specify
Exit Alarm Device (cylinder not included)	M61
Bolt Position Monitor	M91
Touchbar Monitoring or Signaling	M92
Outside Trim Monitoring or Signaling	M93
Electric Latch Pullback	M94
Electric Dogging	M97
Mortise Device Lock with Outside Trim Control (Fail Safe)	SAF *
Mortise Device Lock with Outside Trim Control (Fail Secure)	SEC *
Delayed Egress	D
30 second delay (may be accepted by local jurisdiction)	M88
BOCA 15-second	M89
BOCA 30-second	M90
Security Monitor	M98
Trim Gasket	M99

* Only available with ED5600L

Electrified Accessories

Description	Specify
Controller (Required for Electric Latch Pullback)	781N
Power Supply 1 Amp @ 24 VDC Output	FABPS-24-1
Power Supply 2 Amp @ 24 VDC Output	FABPS-24-2
Power Supply 4 Amp @ 24 VDC Output	FABPS-24-4
SPDT Maintained Switch	FAMKA
SPDT Momentary Switch	FAMK
SPDT Momentary NS Switch	FAMKN
DPDT Momentary Switch	FAMK2
DPST Maintained (Alt. Action) Switch	FAPB3A
Sonalert 90db @ 2 ft. 12-24VDC mounted on one gang stainless steel plate	FAPZ1
LEDs mounted on narrow gang plate (Red and Green)	FAZLP
Alarm Kit (cylinder is not included)*	ED50AK
Concealed transfer for over 120° swing doors	EPTL

*Alarm kit cannot be installed in the field to surface vertical rod device. Any attempt to do so voids all warranties.

Ordering Examples

Exit Device Only*

Quantity	Series/Function	Finish	Hand	Misc. Options
24	ED5200S	626	RHR	M51-M54

*To order mortise exit device only, see Mortise Exit Only below.

Trim Only

Quantity	Trim/Function	Finish	Hand	Door Thickness
24	N955	625	RHR	D214

Exit Device with Trim

Quantity	Exit Device	Trim/Function	Finish	Hand	Cylinder Option	Door Thickness	Optional Strike	Door Width	Misc. Options
65	ED5600L	N9M55	605	LHR	6P	D200	SB134	W048	M51-M54

Contract/Detailed Order – Surface Vertical Rod Exit Device with Trim

Quantity	Keyset	Exit Device	Trim/Function	Finish	Hand	Door Height	Door Width	Misc. Options	Cylinder Option
36	AA1	ED5470	C955	626	LHR	H1000	W048	M52-M54	7P

Removable Mullion

Quantity	Mullion	Misc. Options
6	708A	M57

Mortise Exit Only

Trim Type	Functions	Panic	Fire
Knob	Passage	ED5600K	ED5600AK
	Classroom		
	Nightlatch	ED5657K	ED5657AK
	Dummy		
Lever or Flat Plate	Passage	ED5600L	ED5600AL
	Classroom		
	Nightlatch	ED5657L	ED5657AL
	Dummy		
Thumbpiece	Passage	ED5600T	ED5600AT
	Classroom		
	Nightlatch	ED5657T	ED5657AT
	Dummy		

Where to find ordering information and Quick Codes

Functions and Trims

Rim and Vertical Rod	Page 20
Mortise	Page 28
Removable Mullion	Page 44
Cylinders and Keying	Page 49
Door Height	Page 50
Door Width	Page 50
Finish	Page 50
Strike	Page 50
Door Thickness	Page 50
Handing	Page 51
Miscellaneous Options	Page 51

Abrasive Coat

Hard granular material applied to provide a non-slip tactile surface for the visually impaired.

Active Door

In a pair of doors, the door that is operable from the trim side.

Astragal

A vertical member applied to one or both sides of a pair of doors at the meeting edges. The astragal closes the gap between the two doors.

Coordinator

A device used on a pair of doors to ensure that the inactive door closes before the active door.

Deadlocking Latch

A supplemental latch that automatically deadlocks the latchbolt when pressure is applied to it.

Dogging

A mechanism that allows the latchbolt to remain retracted, permitting the door to operate as if it were a push-pull; it cannot be used on fire-rated exit devices.

Double Egress

A pair of doors of the same hand that swing in opposite directions, commonly found in corridors.

Dummy Trim

Trim only. Usually used on the inactive door of a pair of doors for design balance.

Exit Device (Panic Hardware)

A door locking device with a pushpad or crossbar which, when pressed, allows instant exit (egress).

Fire Exit Hardware

An exit device listed by an independent testing laboratory as meeting panic, fire and hose stream test standards; used on fire-rated openings.

Hand

The direction a door swings.

Inactive Door

In a pair of doors, the door that is inoperable from the trim side.

Latchbolt

A lock component that has a beveled end and projects into a strike, holding the door in a closed position.

Mullion

A fixed or removable vertical member that divides a door opening and provides a latch surface for a pair of rim exit devices.

Open Back Strike

For mortise exit devices, used on the inactive door (usually the vertical rod door) of a pair of doors that swing in the same direction. It permits the inactive door to open or close independently.

Reversible

Pertains to a product that may be changed in the field to accommodate any hand of the door.

Shim Kit

Pieces of metal that permit mounting of an exit device on a door that has a surface projecting vision light (glass bead) molding.

Split Astragal

An astragal that is split through the middle on a pair of doors, allowing both doors to operate independently.

Threshold

A strip fastened to the floor beneath a door. It serves as a stop, prevents heat loss, and provides a strike location for latching the bottom rod of a vertical rod exit device.

Trim

A knob, lever, pull, or thumbpiece used on the outside of an exit device door to control access to an area.

Universal Exit Device

An exit device that may be used on doors of either hand without any modifications.

Keying and Cylinder Terms**Blockout Cylinder**

A cylinder which allows all keys to be temporarily blocked from operating. It is set by a blockout key.

Concealed Key Control (CKC)

The marking of standard key symbols on a cylinder in a location that is not visible once the cylinder is installed.

Construction Master Keying (CMK)

A cylinder preparation that allows temporary access by construction personnel.

Control Key

A key used to remove and install interchangeable cores.

Cylinder

A lock component containing the combination that determines which keys will operate.

Security Cylinder

A cylinder which provides extra resistance to picking and unauthorized duplication of keys.

Interchangeable Core (IC)

A cylinder which can be removed and installed quickly with a control key by non-skilled personnel when rekeying is required.

Key Symbol

A letter/number combination in standard industry format (e.g., 1AA, AA1, etc.) which indicates exactly how a key or cylinder fits into a keying system.

Keyway

The opening in a cylinder plug through which the key enters.

Master Keying

Preparation of a cylinder to operate with keys of different levels of access.

Visual Key Control (VKC)

The marking of standard key symbols on keys and on the visible portion of the front of a cylinder.

Suggested Specification for Panic and Fire-Rated Exit Devices

Exit devices shall be ED5000 Series Pushpad Exit Devices as manufactured by Corbin Russwin Architectural Hardware.

The exit device chassis shall be cold forged steel, electroplated for corrosion resistance, and shall be architecturally finished brass, bronze or stainless steel. The pushpad mechanism shall be constructed of extruded aluminum and shall be scalped with architecturally finished brass, bronze or stainless steel. The maximum projection shall be 3-1/4" when the pushpad is active and 2-3/4" when the pushpad is dogged down. Nylon bearings and stainless steel springs shall be used for long life and durability; only torsion springs are acceptable. Rear and active case covers shall be wrought brass or bronze and shall be plated to match the exit bar. Plastic or painted covers are not acceptable. Latchbolts shall be steel and shall incorporate a deadlocking latch for increased security. Devices without deadlocking latches are not acceptable. Mounting screws shall be concealed to deter tampering. Devices shall be closed on all sides with no pinch points. All exit devices shall be easily field sized to accommodate various door widths.

Panic-listed exit devices shall have single-point, one quarter turn hex key dogging standard. Optional cylinder dogging shall be available on panic listed devices only. Devices with hex key dogging shall be easily field converted to cylinder dogging. Panic-listed devices shall be available less dogging.

Trims shall be through-bolted with concealed fasteners. Escutcheon and pull type trims shall be constructed of brass or bronze. All lever trims shall use cast or forged levers. On trims with cylinders, the mechanism that locks and unlocks the trim shall be housed in the trim and not in the active case of the exit device. Rim and vertical rod lever trims shall be Free Wheeling with clutch mechanism allowing lever to rotate 60° when locked to prevent vandalism. Lever trims shall match those on Corbin Russwin Mortise and Cylindrical Locksets.

Exit devices and trims shall be furnished in BHMA standard architectural finishes.

Exit devices shall be listed by Underwriters Laboratories (UL) for safety as panic hardware. Fire-rated devices shall be listed for A label and lesser class doors.

Certification:
ANSI A156.3, Grade 1

Devices, trims and cylinders shall be from one manufacturer.

Devices and 900 series trim shall carry a five-year limited warranty.

Electronic components shall carry a one-year limited warranty.

Suggested Specification for Delayed Egress Exit Devices

Delayed egress exit devices shall be ED4000/ED5000 series (rim, SecureBolt™, mortise or concealed vertical rod) with the "D" suffix, manufactured by Corbin Russwin Architectural Hardware.

The delayed egress exit device secures the door in the locked mode. Depressing the pushpad for less than three seconds will sound the device nuisance beep without initiating the alarm. Depressing the pushpad longer than three seconds will initiate an irreversible local audible beeping tone and allow the device to release for egress after 15 seconds (or 30 seconds may be accepted by local jurisdiction) and sound the alarm. The alarm will continue until reset by the mechanical key switch located on the device.

Devices shall be 24 volts DC.

The exit device chassis shall be cold forged steel, electroplated for corrosion resistance, and shall be architecturally finished brass, bronze or stainless steel. The pushpad mechanism shall be constructed of extruded aluminum and shall be scalped with architecturally finished brass, bronze or stainless steel. The maximum projection shall be 3-1/4" when the push pad is active and 2-3/4" when the push pad is depressed. Nylon bearings and steel springs shall be used for long life and durability. Active case and alarm end cover shall be wrought brass, bronze or stainless steel and shall be plated to match the exit bar. Painted or plastic covers or end caps are not acceptable. Latch bolts shall be steel and shall incorporate a deadlocking latch for increased security. Devices without deadlocking latches are not acceptable. Mounting screws shall be concealed to deter tampering. Devices shall be closed on all sides with no pinch points. Device active cover and end cap attaching screws shall be security Torx® pin.

Trims shall be through-bolted with concealed fasteners. Escutcheon and pull-type trims shall be constructed of brass, bronze or stainless steel. All lever trims shall use cast or forged levers. On trims with cylinders, the mechanism that locks and unlocks the trim shall be housed in the trim and not in the active head of the Exit Device. Rim and vertical rod lever trims shall be Free Wheeling with clutch mechanism allowing lever to rotate 60° when locked to prevent vandalism. Lever trims shall match those on Corbin Russwin mortise and cylindrical locksets.

Devices shall be listed by UL/cUL as Controlled Exit Panic Devices or Special Locking Arrangement and meet all requirements for NFPA 101.

Certification:

ANSI 156.3, Grade 1/ANSI 156.24

UL/cUL FUKD/FUKD7 - Controlled Panic Device

UL/cUL FWAX/FWAX7 - Special Locking Arrangements

Exit devices, trims and cylinders must be from one manufacturer.

Exit devices and heavy-duty trims shall have a five-year warranty. Electronics shall have a one-year warranty.

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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The ASSA ABLOY Group is the world's leading manufacturer and supplier of locking solutions, dedicated to satisfying end-user needs for security, safety and convenience.

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ED6000 Series

Applications

Since patenting some of the first exit devices nearly a century ago, Corbin Russwin has met rigorous life safety and security requirements, while offering pleasing aesthetics and trouble-free operation. Designed for applications in high-use, high-abuse situations, ED6000 Crossbar Exit Devices can be teamed with a variety of Corbin Russwin trims to provide desired functions, styles and finishes in new construction and renovations, including:

- Schools and universities
- Health care facilities
- Government and municipal buildings
- Commercial and industrial
- Office and retail complexes
- Transportation facilities
- Hotels and conference centers
- Religious facilities

Advantages

- Meets ANSI Grade 1 requirements
- Heavy-duty construction
- Base metals (brass, bronze and stainless steel) for durability
- Easy-to-use crossbar operation for quick egress and ADA compliance
- Dogging standard on all panic listed devices
- Thru-bolted trims for strength and security
- Wide range of finishes, trims and styles to match other Corbin Russwin products
- Devices available to satisfy panic and fire opening requirements



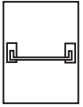
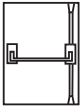
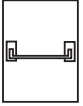
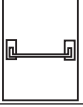
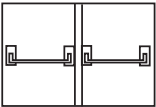
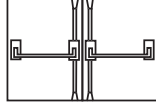
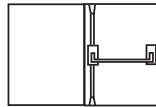
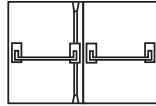
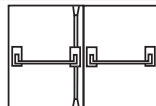
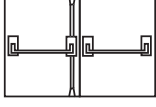
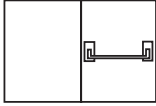
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This catalog can be found on the Internet at the Corbin Russwin website at: www.corbinrusswin.com

ED6000 Series Crossbar Exit Devices

Applications and Listings

UL UL listed as fire exit hardware by Underwriters Laboratories Inc.

Single Door	Max. Door Opening	Fire Door Ratings					Application	
		A 3 Hr.	B,D 90 Min.	C,E 45 Min.	30 Min.	20 Min.		
Rim ED6200 ED6200A	4'* 4' x 7'2"	Devices are panic listed only. UL UL UL UL UL					Surface applied; single point latching.	
Vertical Rod ED6400 ED6400A	4' x 10' 4' x 7'2"	Devices are panic listed only. Fire ratings do not apply.					Surface applied; two point latching.	
Mortise ED6600 ED6600A	4'* 4' x 7'2"	Devices are panic listed only. UL UL UL UL UL					Mortised in door; two point latching.	
Concealed Vertical Rod ED6800 ED6800A	4' x 10'8" 4' x 7'2"	Devices are panic listed only. Fire ratings do not apply.					Rods concealed in door; two point latching.	
Pair of Doors with Removable Mullion								
Rim x Rim ED6200 x ED6200 x 507 ED6200 x ED6200 x 510 ED6200A x ED6200A x 507	8' x 7'2" 8' x 10' 8' x 7'2"	Devices are panic listed only. Fire ratings do not apply. UL UL UL UL UL					2 independent, active doors with removable mullion.	
Pair of Doors								
Vertical Rod (Swinging in the Same Direction) ED6400 x ED6400 ED6400A x ED6400A	8'* 8' x 7'2"	Devices are panic listed only. - UL UL UL UL					2 independent doors with 2 point latching – overlapping astragal not required.	
Vertical Rod Swinging in Opposite Directions ED6400 x ED6400 ED6400A x ED6400A	8'* 8' x 7'2"	Devices are panic listed only. UL UL UL UL UL					2 independent doors with 2 point latching – overlapping astragal required for 3 hour openings.	
Vertical Rod x Mortise ED6400 x ED6600 ED6400A x ED6600A ED6400A x ED6600A x Open back strike	8'* 8' x 7'2" 8' x 7'2"	Devices are panic listed only. UL UL UL UL UL - UL UL UL UL					Overlapping astragal required for 3 hour openings. Coordinator required with standard strike.	
Vertical Rod x Rim ED6400 x ED6200 x S02	8'*	Devices are panic listed only.					Non-prepped doors only; S02 strike required on inactive door; coordinator recommended.	
Concealed Vertical Rod Swinging in the Same Direction ED6800 x ED6800 ED6800A x ED6800A	8'* 8' x 7'2"	Devices are panic listed only. - UL UL UL UL					2 independent doors with 2 point latching – overlapping astragal not required.	
Concealed Vertical Rod Swinging in Opposite Directions ED6800 x ED6800 ED6800A x ED6800A	8'* 8' x 7'2"	Devices are panic listed only. UL UL UL UL UL					2 independent doors with 2 point latching – overlapping astragal required for 3 hour openings.	

*UL does not set a door height limitation on panic applications.

ED6200 Panic Listed Rim Exit Device



Features

Handing

Field reversible; specify hand.

Bar Length

Easily field cut to size.

Standard: 36" (914mm) bar fits up to 36" (914mm) door.

Optional: 48" (1219mm) bar fits 36-1/2"-48" (914mm-1219mm) door; specify W048.

Door Thickness

1-3/4" (44mm) standard.

Optional: 2" (51mm); specify D200.

Optional: 2-1/4" (57mm); specify D214.

Backset

2-5/8" for 1/2" stop, 2-3/4" for 5/8" stop. (Backset changes when mullion is used.)

Stile

Minimum width with 1/2" stop and standard strike 4" (102mm).

Latchbolt

3/4" (19mm) pivoted.

Materials

Brass, bronze or stainless steel.

Cases

Heavy wrought, 7-1/4" (184mm) x 2-9/16" (65mm).

Projection

5-3/4" (146mm); 4-1/2" (114mm) depressed.

Crossbar

Standard: 13/16" (1mm) x 1-3/8" (35mm) oval seamless tubing.

Optional: reinforced crossbar or stainless steel crossbar; see Quick Codes, page 33.

Dogging

Standard on ED6200 devices.

Optional: less dogging; specify M51.

Fasteners

Standard: machine screws.

Optional: sex nuts and bolts or spanner head screws; specify M54.

Strike:

See Options and Accessories, page 28.

Removable Mullion

See Mullions, page 11.

Functions and Trims

Thru-bolted lever, knob, pull and thumbpiece trims available with wide range of functions; see Trims and Functions, page 8.

Cylinders

Cylinder not included unless specified.

See How to Order, page 32.

Applications and Listings

See page 3.

Warranty

One-year limited.

Certification/Compliance

ANSI

Meets A156.3, Grade 1.

Meets A117.1 Accessibility Code.

C-UL US

All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. UL symbol on active case cover indicates listing.

California State Reference Code

This product has been approved by the California State Fire Marshal pursuant to section 13144.1 of the California Health and Safety Code.

NFPA

All exit devices comply with NFPA 101 Life Safety Code.

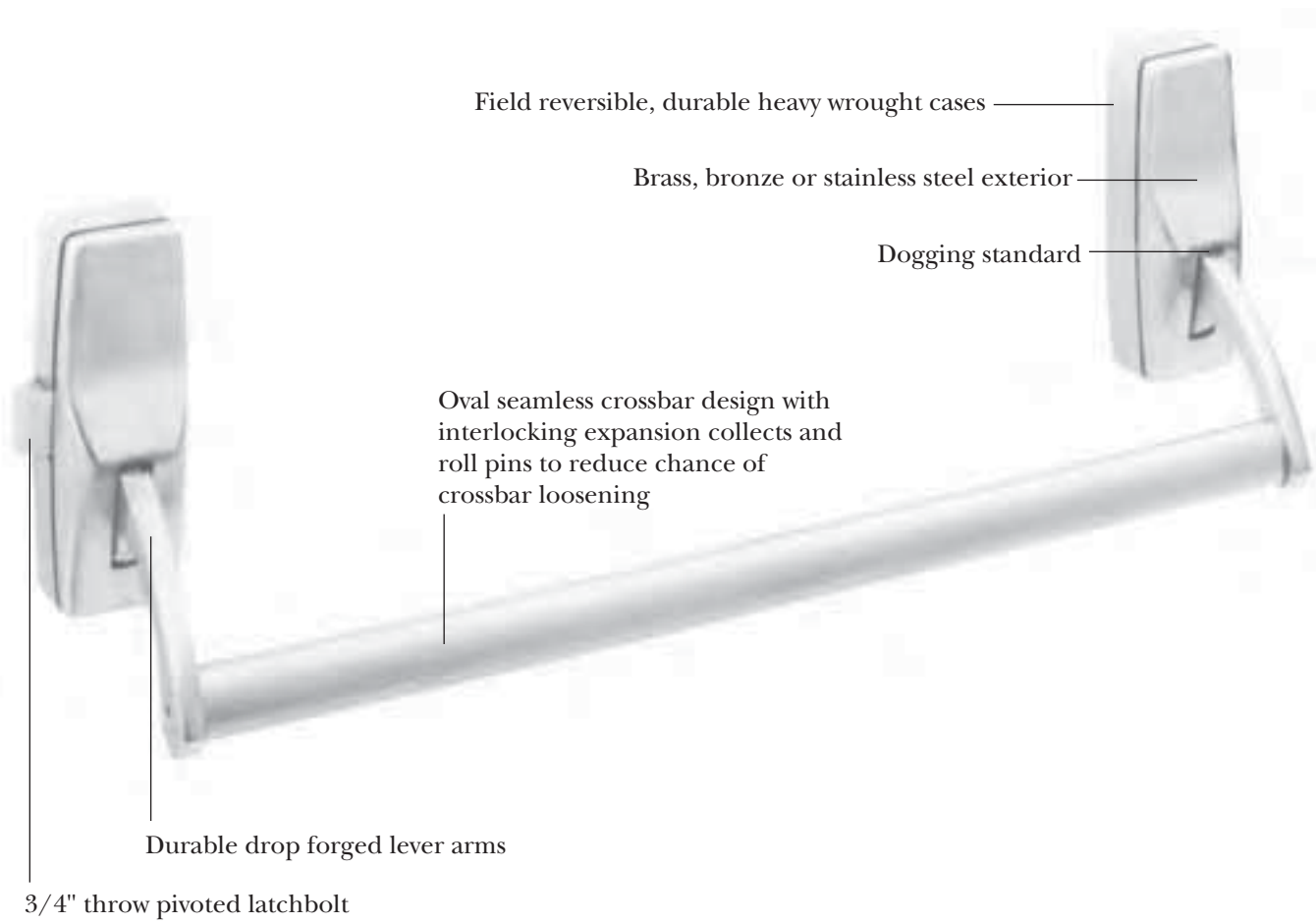
ADA

Exit devices, lever trims and pulls comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, Oil Rubbed
BHMA 622	Flat Black Coated
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

ED6200 Rim Exit Device



Field reversible, durable heavy wrought cases

Brass, bronze or stainless steel exterior

Dogging standard

Oval seamless crossbar design with interlocking expansion collects and roll pins to reduce chance of crossbar loosening

Durable drop forged lever arms

3/4" throw pivoted latchbolt

ED6400 Panic Listed Vertical Rod Exit Device

ED6400A 3-Hour Fire Listed Vertical Rod Exit Device

Features

Handing

Device handed but easily field reversible; specify hand.

Bar Length

Easily field cut to size.
Standard: 36" (914mm) bar fits up to 36" (762mm-914mm) door.
Optional: 48" (1219mm) bar fits 36-1/2"-48" (927mm-1219mm) door; specify W048.

Door Thickness

1-3/4" (44mm) standard.
Optional: 2" (51mm); specify D200.
Optional: 2-1/4" (57mm); specify D214.

Backset

2-3/4" (70mm).

Stile

Minimum width 4-1/8" (105mm).

Door Height

All top rods easily field cut to size.
Standard on ED6400 devices; top rod for doors up to 7'6".
Optional on ED6400 devices; top rod for doors up to 10'; see How to Order, page 32.
Standard on ED6400A devices; top rod for 7'2" door.

Latchbolt

ED6400 devices:
Top: 5/8" throw.
Bottom: 3/4" throw; acts independently, allowing top latch to remain engaged even when bottom latch is not projected.
ED6400A devices:
Top: 3/4" steel, jamb mounted; projects into pusher on device.
Bottom: 3/4" throw steel.

Latchbolt Operation

Standard on ED6400 and ED6400A devices: latchbolts held in retracted position until door closes.
Optional on ED6400 devices: free-latching latchbolts; see How to Order, page 32.

Vertical Rods

Inverted U-shaped rectangular.

Materials

Brass, bronze or stainless steel.

Cases

Heavy wrought, 7-1/4" (184mm) x 2-9/16" (65mm).

Crossbar

Standard: 13/16" (1mm) x 1-3/8" (35mm) oval seamless tubing.
Optional: reinforced crossbar or stainless steel crossbar; see Quick Codes, page 33.

Dogging

Standard on ED6400 devices.
Optional: less dogging; specify M51.
Dogging not available on ED6400A devices.

Projection

5-3/4" (146mm); 4-1/4" (108mm) depressed.

Fasteners

Standard on ED6400 devices: machine screws.
Optional on ED6400 devices: sex nuts and bolts; specify M54.
Standard on ED6400A devices; sex nuts and bolts.
Optional on ED6400 and ED6400A devices; spanner head screws; specify M02.

Strike

See Options and Accessories, page 28.

Functions and Trims

Thru-bolted lever, knob, pull and thumbpiece trims available with wide range of functions; see Trims and Functions, page 8.

Cylinders

Cylinder not included unless specified.
See How to Order, page 32.

Applications and Listings

See page 3.

Warranty

One-year limited.

Certification/Compliance

ANSI

Meets A156.3, Grade 1.

C-UL US

All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. 3-hour fire-rated devices listed as fire exit hardware for A label and lesser class 8' x 7'2" double doors. UL symbol on active head indicates listing.

California State Reference Code

This product has been approved by the California State Fire Marshal pursuant to section 13144.1 of the California Health and Safety Code.

NFPA

All exit devices comply with NFPA 101 Life Safety Code. All fire-rated devices comply with NFPA 80 Fire Doors and Windows.

ADA

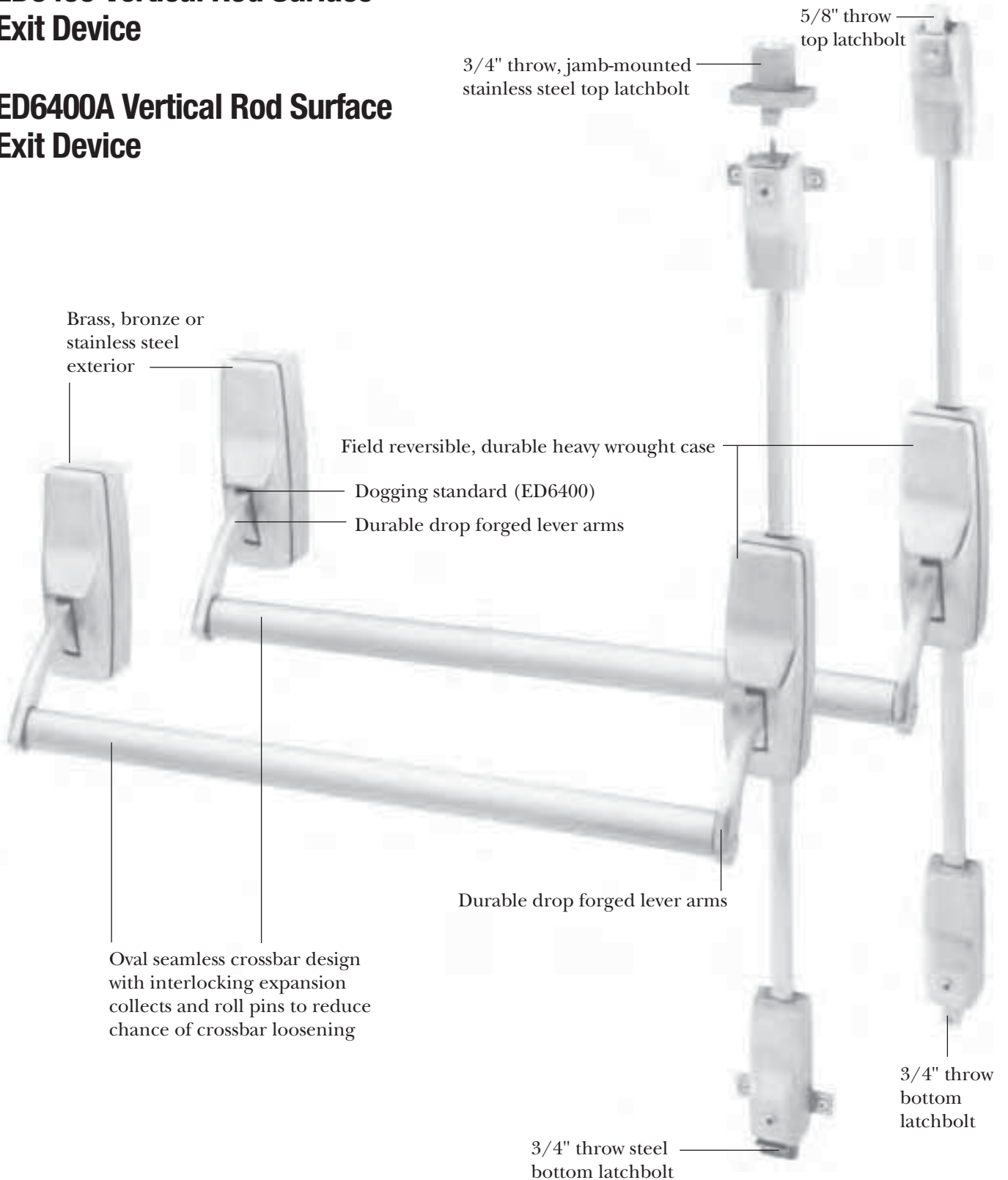
Lever trims and pulls comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, Oil Rubbed
BHMA 622	Flat Black Coated
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

ED6400 Vertical Rod Surface Exit Device

ED6400A Vertical Rod Surface Exit Device


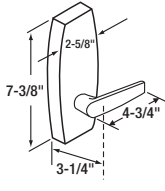

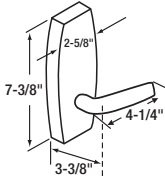



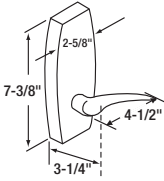

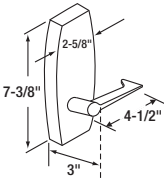

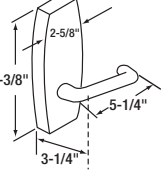

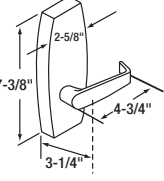

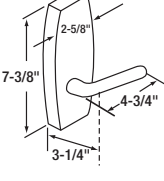

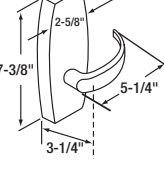
Device Only

Rim Exit Device	ANSI Type	Type	ANSI No.	Function Description
ED6200	2	Exit Only	01	- Exit only; no trim. (Accepts all trims listed on pages 8-10).
ED6400	2	Exit Only	01	- Exit only; no trim.
ED6400A	2	Exit Only	01	- 3-hour fire-rated exit only; no trim.

Device with Trim


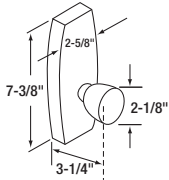

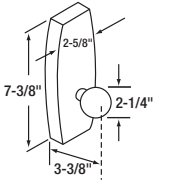

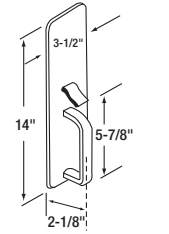

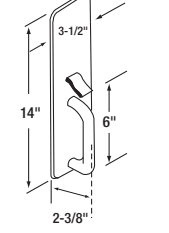
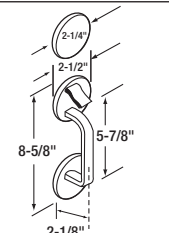

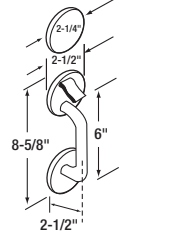
Vertical Rod Exit Device	Accepts Trim/Function			Function Description (See Trim Designs Below)
	ANSI Type	Type	ANSI No.	
ED6410	2	Passage	–	- Free at all times.
ED6410A	2	Passage	–	- 3-hour fire-rated; free at all times.
ED6450	2	Dummy	02	- Always free wheeling.
ED6450A	2	Dummy	02	- 3-hour fire-rated; always free wheeling.
ED6410	2	Classroom	05/08	- Free at all times, except when locked by key.
ED6410A	2	Classroom	05/08	- 3-hour fire-rated; free at all times, except when locked by key.
ED6457	2	Classroom	03/04/06	- Free only when key is turned. Key removable only when locked. - Not available fire-rated.
ED6458	2	Latch Hold-Back x Nighlatch Trim	04/06	- Always free wheeling. Locked except when held in retracted position. Not available on fire-rated devices.

Trim Design	Passage	Dummy ANSI No. F02	Classroom ANSI No. F08	Nighlatch ANSI No. F03/F04
 <p>Armstrong A3 Lever: Cast Escutcheon: Cast Cylinder: Rim</p> 	A310	A350	A355	A357
 <p>Citation C2 Lever: Cast Escutcheon: Cast Cylinder: Rim</p> 	C210	C250	C255	C257

Trim Design	Passage	Dummy ANSI No. F02	Classroom ANSI No. F08	Nightlatch ANSI No. F03/F04
 <p>Dirke D2 Lever: Cast Escutcheon: Cast Cylinder: Rim</p> 	D210	D250	D255	D257
 <p>Essex E2 Lever: Cast Escutcheon: Cast Cylinder: Rim</p> 	E210	E250	E255	E257
 <p>Lustra L2 Lever: Cast Escutcheon: Cast Cylinder: Rim</p> 	L210	L250	L255	L257
 <p>Newport N3 Lever: Cast Escutcheon: Cast Cylinder: Rim</p> 	N310	N350	N355	N357
 <p>Regis R2 Lever: Cast Escutcheon: Cast Cylinder: Rim</p> 	R210	R250	R255	R257
 <p>Princeton PR2 Lever: Cast Escutcheon: Cast Cylinder: Rim</p> 	PR210	PR250	PR255	PR257

ED6000 Series Crossbar Exit Devices

Rim/SVR Trims and Functions

Trim Design		Diagram	Passage	Dummy ANSI No. F02	Classroom ANSI No. F05/F08	Nightlatch ANSI No. F03/F04/F06
	<p>Belmont B3 Knob: Wrought reinforced Escutcheon: Cast Cylinder: Rim</p>		B310	B350	B355	B357
	<p>Global G4 Knob: Wrought reinforced Escutcheon: Cast Cylinder: Rim</p>		G410	G450	G455	G457
	<p>D Grip T3 Grip: Extruded Escutcheon: Wrought Cylinder: Rim</p>		T310	T350	T355	T357*
	<p>Round Grip T4 Grip: Extruded Escutcheon: Wrought Cylinder: Rim</p>		T410	T450	T455	T457*
	<p>D Grip Sectional T5 Grip: Extruded Cylinder: Rim</p>		T510	T550	T455	T557*
	<p>Round Grip Sectional T6 Grip: Extruded Cylinder: Rim</p>		T610	T650	T655	T657*

*When used with ED6458 device, provides latch hold-back for ANSI No. 04 function.

Removable Mullions

Used to install two ED6200 or ED6200A Rim Exit Devices in a double door opening. May be quickly and easily removed, then reinstalled, when a full double door opening is temporarily required.

Materials and Finish

Steel mullion with malleable iron top and bottom plates; furnished with zinc-plated fasteners for metal frames and concrete floors. May be cut, drilled and tapped in the field for Rim Exit Devices. Primed for painting, BHMA 600.

507 - 3-Hour Fire-Rated Removable Mullion

(ANSI Type 22)

Accommodates fire-rated door openings up to 7'2" high, with or without threshold.

UL

3-hour fire-rated by Underwriters Laboratories on A label and lesser class door openings up to 7'2" x 8'; UL fire label on mullion indicates listing.

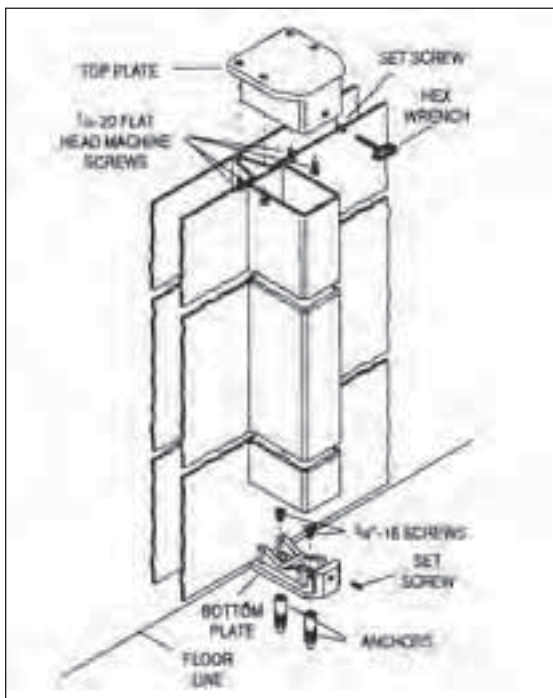
510 - Removable Mullion For Doors Up To 10'

(ANSI Type 22)

Used to install two ED6200 Rim Exit Devices in a panic-listed double door opening up to 10' high. (May be field cut for doors under 10'.)

Ordering

See How to Order, page 32.



700 Series

Materials and Finish

Tubular steel mullions, 1-1/2" x 3", with malleable iron top and bottom mounting plates; furnished with zinc-plated fasteners for metal frames and concrete floors. May be cut, drilled and tapped in the field for Rim Exit Devices. Silver aluminum painted, BHMA 689.

Ordering

To order, specify Part No.

Maximum UL Listing	Mullion Opening Height	Part No.
3-Hour	7'0"	707A
3-Hour	8'0"	708A
Panic Only	10'0"	710

Keyed Removable Mullion

Designed for simple removal/re-locking when an unobstructed large opening is required. Mullion automatically re-locks when re-installed without the use of the cylinder key. To order with a mullion, specify quick code KM. To order the retrofit kit, specify KRM700A.

Spacer Block

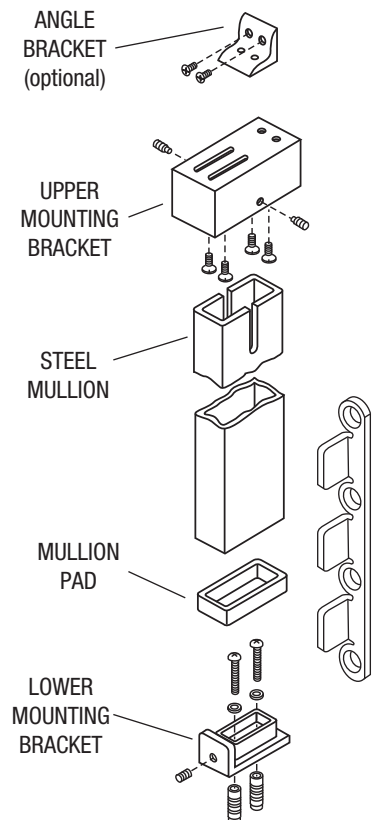
Recommended for double rabbeted frames where the stop face width is less than the mounting hole spacing and also for door frames 5-3/4" (176mm) or less. To order with a mullion, specify M95. To order separately, specify Part No. 683F29-8.

Angle Bracket

Recommended for any header configuration with less than 3" (76mm) of mounting surface. To order with a mullion, specify M96. To order separately, specify Part No. 655F63-8.

Mullion Stabilizer Kit

Controls the movement of the mullion. Recommended for opening over 7' high, or whenever door movement must be minimized. To order with mullion, specify M57. To order separately, specify Part No. 655F11-1.



ED6200A 3-Hour Fire Listed Rim Exit Device



Features

Handing

Handed; specify hand.

Bar Length

Easily field cut to size.

Standard: 36" (914mm) bar fits up to 36" (762mm-914mm) door.

Optional: 48" (1219mm) bar fits 36-1/2"-48" (927mm-1219mm) door; specify W048.

Door Thickness

1-3/4" (44mm) standard.

Optional: 2" (51mm); specify D200.

Optional: 2-1/4" (57mm); specify D214.

Backset

2-3/4" (70mm) with 6/8" (19mm) stop.

(Backset changes when mullion is used.)

Stile

Minimum width with 5/8" stop and standard strike: 4-1/8" (105mm).

Latchbolt

3/4" (19mm) throw stainless steel, with stainless steel deadlocking plunger.

Materials

Brass, bronze or stainless steel.

Cases

Heavy wrought, 8-3/8" (213mm) x 2-5/8" (67mm).

Crossbar

Standard: 13/16" (1mm) x 1-3/8" (35mm) oval seamless tubing.

Optional: reinforced crossbar or stainless steel crossbar; see Quick Codes, page 33.

Dogging

Not available.

Projection

5-3/4" (146mm); 4-1/2" (114mm) depressed.

Fasteners

Sex nuts and bolts standard.

Optional: spanner head screws; specify M02.

Strike

See Options and Accessories, page 28.

Removable Mullion

See Mullions, page 11.

Functions and Trims

Thru-bolted lever, knob, pull and thumbpiece trims available with wide range of functions; see Trims and Functions, page 14.

Cylinders

Cylinder not included unless specified.

See How to Order, page 32.

Applications and Listings

See page 3.

Warranty

One-year limited.

Certification/Compliance

ANSI

Meets A156.3, Grade 1.

Meets A117.1 Accessibility Code.

C-UL US

All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. 3-hour fire-rated devices listed as fire exit hardware for A label and lesser class 8' x 7'2" double doors. UL symbol on active head indicates listing.

California State Reference Code

This product has been approved by the California State Fire Marshal pursuant to section 13144.1 of the California Health and Safety Code.

NFPA

All exit devices comply with NFPA 101 Life Safety Code. All fire-rated devices comply with NFPA 80 Fire Doors and Windows.

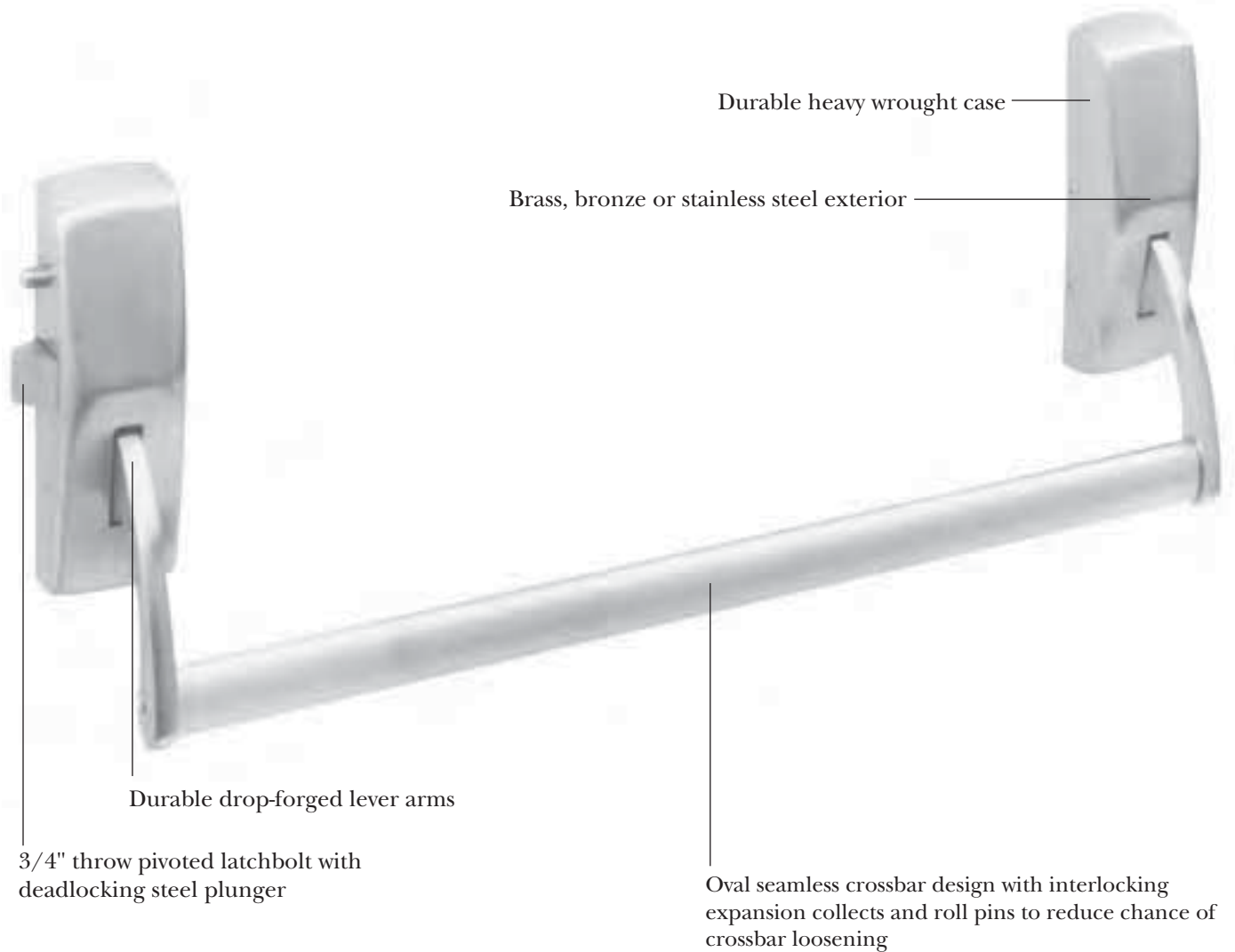
ADA

Exit devices, lever trims and pulls comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, Oil Rubbed
BHMA 622	Flat Black Coated
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

ED6200A Rim Exit Device


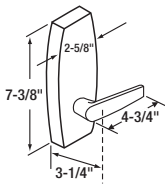


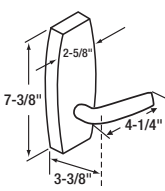




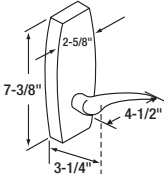

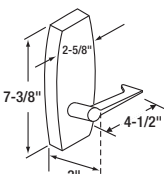

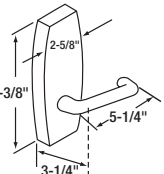

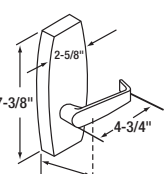

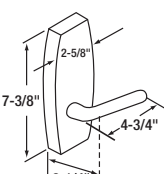

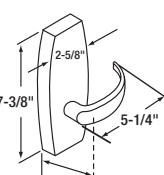
Device Only

Rim Exit Device	ANSI Type	Type	ANSI No.	Function Description
ED6200A	1	Exit Only	01	- 3-hour fire-rated exit only; no trim. (Accepts all trims listed on pages 14-16.)

Device with Trim

Rim Exit Device	ANSI Type	Accepts Trim/Function		Function Description (See Trim Designs Below)
		Type	ANSI No.	
ED6200	1	Passage	–	- 3-hour fire-rated; free at all times.
ED6200A	1	Dummy	–	- 3-hour fire-rated; always rigid.
ED6200A	1	Classroom	05/08	- 3-hour fire-rated; free at all times, except when locked by key.
ED6257A	1	Nightlatch	03/04/06/09	- 3-hour fire-rated; always rigid. Key removable only when locked.

Trim Design	Passage	Dummy ANSI No. F02	Classroom ANSI No. F05/F08	Nightlatch ANSI No. F03/F04/F06
 <p>Armstrong A4 Lever: Cast Escutcheon: Cast Cylinder: Rim</p>  	A410	A450	A455	N/A
 <p>Citation C3 Lever: Cast Escutcheon: Cast Cylinder: Rim</p>  	C310	C350	C355	N/A

Trim Design	Passage	Dummy ANSI No. F02	Classroom ANSI No. F08	Nightlatch ANSI No. F03/F04/F06
 <p>Dirke D3 Lever: Cast Escutcheon: Cast Cylinder: Rim</p> 	D310	D350	D355	N/A
 <p>Essex E3 Lever: Cast Escutcheon: Cast Cylinder: Rim</p> 	E310	E350	E355	N/A
 <p>Lustra L3 Lever: Cast Escutcheon: Cast Cylinder: Rim</p> 	L310	L350	L355	N/A
 <p>Newport N4 Lever: Cast Escutcheon: Cast Cylinder: Rim</p> 	N410	N450	N455	N/A
 <p>Regis R3 Lever: Cast Escutcheon: Cast Cylinder: Rim</p> 	R310	R350	R355	N/A
 <p>Princeton PR3 Lever: Cast Escutcheon: Cast Cylinder: Rim</p> 	PR310	PR350	PR355	N/A

Trim Design			Passage	Dummy ANSI No. F02	Classroom ANSI No. F05/F08	Nightlatch ANSI No. F03/F04/F06
	<p>Belmont B4 Knob: Wrought reinforced Escutcheon: Cast Cylinder: Rim</p>		B410	B450	B455	B457
	<p>Global G5 Knob: Wrought reinforced Escutcheon: Cast Cylinder: Rim</p>		G510	G550	G555	G557
	<p>D Grip T7 Grip: Extruded Escutcheon: Wrought Cylinder: Rim</p>		T710	T750	T755	T757
	<p>Round Grip T8 Grip: Extruded Escutcheon: Wrought Cylinder: Rim</p>		T810	T850	T855	T857
	<p>D Grip Sectional T9 Grip: Extruded Cylinder: Rim</p>		T910	T950	T955	T957
	<p>Round Grip Sectional T10 Grip: Extruded Cylinder: Rim</p>		T1010	T1050	T1055	T1057

ED6600 Panic-Listed Mortise Exit Device

ED6600A 3-Hour Fire-Listed Mortise Exit Device



Features

Handing

Device handed but easily field reversible; specify hand. Strike is not field reversible.

Bar Length

Easily field cut to size.
Standard: 36" (914mm) bar fits up to 36" (762mm-914mm) door.
Optional: 48" (1219mm) bar fits 36-1/2"-48" (927mm-1219mm) door; specify W048.

Door Thickness

1-3/4" (44mm) standard.
Optional: 2" (51mm); specify D200.
Optional: 2-1/4" (57mm); specify D214.

Backset

2-3/4" (70mm).

Stile

Minimum width 5" (127mm).

Projection

5-3/4" (146mm); 4-1/2" (114mm) depressed.

Latchbolt

Brass, 3/4" (19mm) throw.

Auxiliary Latch

Brass.

Front

8" x 1-1/4" (203mm x 32mm) heavy gauge steel.
Accommodates flat doors and doors beveled 1/8" (3mm) in 2" (51mm).

Latch Hold-Back

On ED6600 devices with keyed function trim, latchbolt may be held in retracted position by pushing in latchbolt and turning key.
Not available on ED6600A devices.

Materials

Brass, bronze or stainless steel.

Cases

Heavy wrought, 7-1/4" (184mm) x 2-9/16" (65mm).

Crossbar

Standard: 13/16" (1mm) x 1-3/8" (35mm) oval seamless tubing.
Optional: reinforced crossbar or stainless steel crossbar; see Quick Codes, page 33.

Dogging

Standard on ED6600 devices.
Optional on ED6600 devices: less dogging; specify M51.
Dogging not available on ED6600A devices.

Fasteners

Standard on ED6600 devices: machine screws.
Optional on ED6600 devices: sex nuts and bolts; specify M54.
Standard on ED6600A devices; sex nuts and bolts.
Optional on ED6600 and ED6600A devices; spanner head screws; specify M02.

Strike

See Options and Accessories, page 28.

Functions and Trims

Thru-bolted lever, knob, pull and thumbpiece trims available with wide range of functions; see Trims and Functions, page 19.

Cylinders

Cylinder not included unless specified.
See How to Order, page 32.

Applications and Listings

See page 3.

Warranty

One-year limited.

Certification/Compliance

ANSI

Meets A156.3, Grade 1.
Meets A117.1 Accessibility Code.

C-UL US

All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. 3-hour fire-rated devices listed as fire exit hardware for A label and lesser class 4'x7'2" double doors. UL symbol on active head indicates listing.

California State Reference Code

This product has been approved by the California State Fire Marshal pursuant to section 13144.1 of the California Health and Safety Code.

NFPA

All exit devices comply with NFPA 101 Life Safety Code. All fire-rated devices comply with NFPA 80 Fire Doors and Windows.

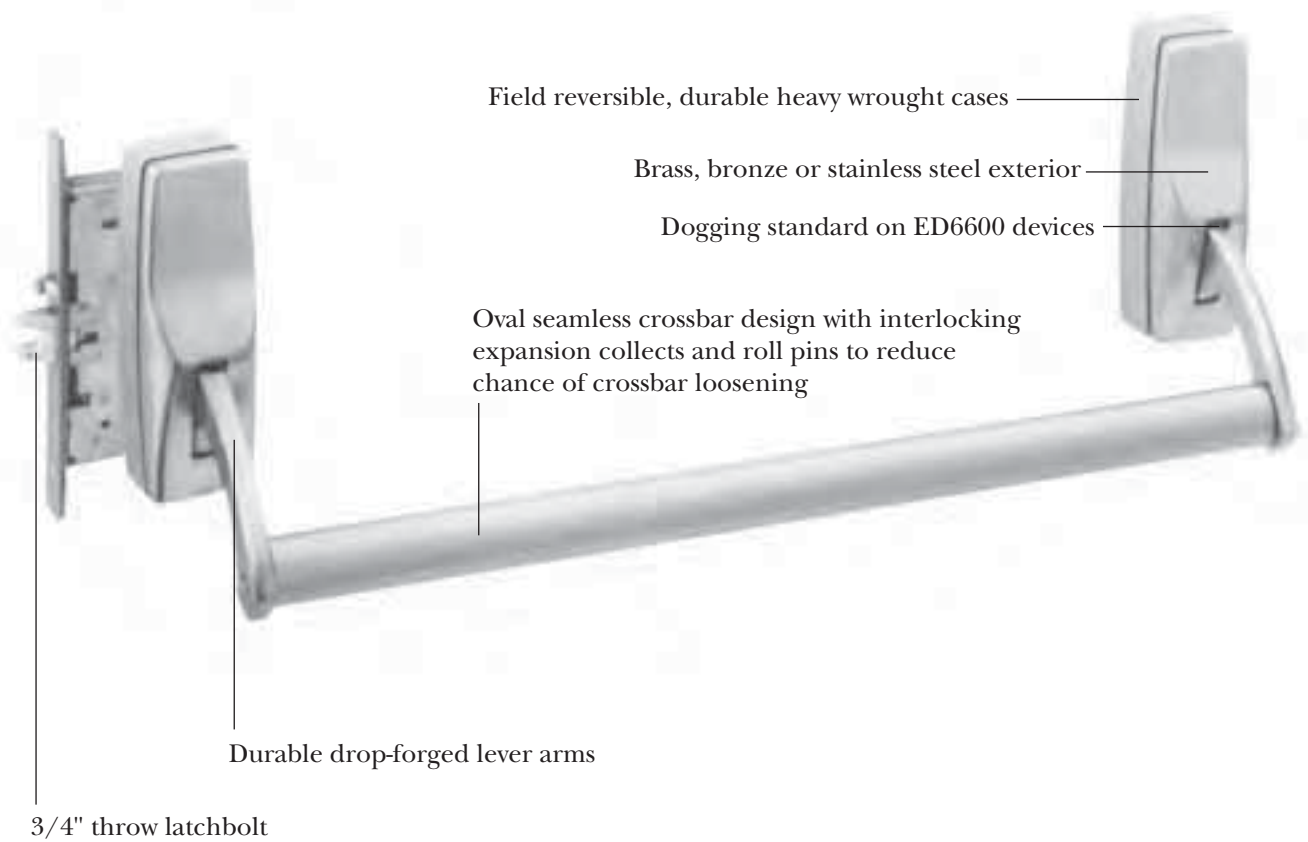
ADA

Exit devices, lever trims and pulls comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, Oil Rubbed
BHMA 622	Flat Black Coated
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel


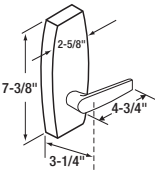


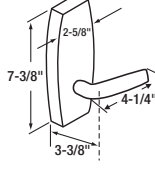

ED6600 and ED6600A Mortise Exit Devices



ED6000 Series Crossbar Exit Devices


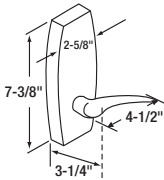

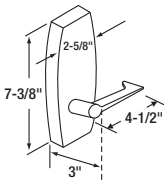

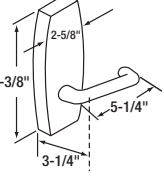

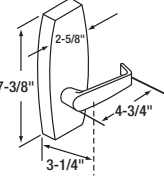

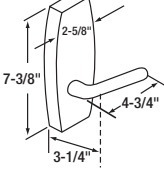

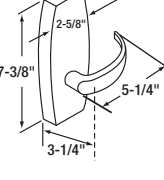
Mortise Trims & Functions


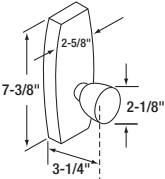

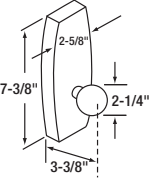

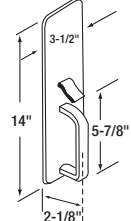

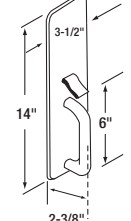

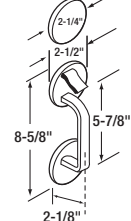

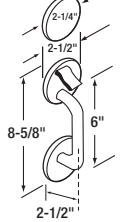
Mortise Exit Device	ANSI Type	Type	ANSI No.	Function Description
ED6600	3	Exit Only	F01	- Exit only; no trim. (Accepts all trims listed on pages 19-21.)
ED6600A	3	Exit Only	F01	- 3-hour fire-rated exit only; no trim. (Accepts all trims listed on pages 19-21.)
For Passage, Dummy, Classroom and Nightlatch functions, see Trim Designs below.	Passage	–	–	- Free at all times.
	Dummy	F02		- Always rigid.
	Classroom	F05/F08		- Free at all times, except when locked by key.
	Nightlatch	F03/F04/F09		- Always rigid. Key removable only when locked.

Lever Trim Design	Passage	Dummy ANSI No. F02	Classroom ANSI No. F05/F08	Storeroom ANSI No. F03/F04/F06/F09
 <p>Armstrong A4M Lever: Cast Escutcheon: Cast Cylinder: 1-3/4" Mortise</p>  	A4M10	A4M50	A4M55	A4M57
 <p>Citation C3M Lever: Cast Escutcheon: Cast Cylinder: 1-3/4" Mortise</p>  	C3M10	C3M50	C3M55	C3M57

ED6000 Series Crossbar Exit Devices

Mortise Trims & Functions

Lever Trim Design	Passage	Dummy ANSI No. F02	Classroom ANSI No. F05/F08	Nightlatch ANSI No. F03/F04/F09
 <p>Dirke D3M</p> <p>Lever: Cast Escutcheon: Cast Cylinder: 1-3/4" Mortise</p> 	D3M10	D3M50	D3M55	D3M57
 <p>Essex E3M</p> <p>Lever: Cast Escutcheon: Cast Cylinder: 1-3/4" Mortise</p> 	E3M10	E3M50	E3M55	E3M57
 <p>Lustra L3M</p> <p>Lever: Cast Escutcheon: Cast Cylinder: 1-3/4" Mortise</p> 	L3M10	L3M50	L3M55	L3M57
 <p>Newport N4M</p> <p>Lever: Cast Escutcheon: Cast Cylinder: 1-3/4" Mortise</p> 	N4M10	N4M50	N4M55	N4M57
 <p>Regis R3M</p> <p>Lever: Cast Escutcheon: Cast Cylinder: 1-3/4" Mortise</p> 	R3M10	R3M50	R3M55	R3M57
 <p>Princeton PR3M</p> <p>Lever: Cast Escutcheon: Cast Cylinder: 1-3/4" Mortise</p> 	PR3M10	PR3M50	PR3M55	PR3M57

Knob or Thumbpiece Trim Design	Passage	Dummy ANSI No. F02	Classroom ANSI No. F05/F08	Nightlatch ANSI No. F03/F04/F06	
 <p>Belmont B4M Knob: Wrought reinforced Escutcheon: Cast Cylinder: 1-1/2" Mortise</p>		B4M10	B4M50	B4M55	B4M57
 <p>Global G5M Knob: Wrought reinforced Escutcheon: Cast Cylinder: 1-1/2" Mortise</p>		G5M10	G5M50	G5M55	G3M57
 <p>D Grip T7M Grip: Extruded Escutcheon: Wrought Cylinder: 1-1/4" Mortise</p>		T7M10	T7M50	T7M55	T7M57
 <p>Round Grip T8M Grip: Extruded Escutcheon: Wrought Cylinder: 1-1/4" Mortise</p>		T8M10	T8M50	T8M55	T8M57
 <p>D Grip Sectional T9M Grip: Extruded Cylinder: 1-1/4" Mortise</p>		T9M10	T9M50	T9M55	T9M57
 <p>Round Grip Sectional T10M Grip: Extruded Cylinder: 1-1/4" Mortise</p>		T10M10	T10M50	T10M55	T10M57

ED6800 Panic-Listed Concealed Vertical Rod Exit Device

ED6800A 3-Hour Fire-Listed Concealed Vertical Rod Exit Device



For use with metal doors only.

Features

Handing

Field reversible; specify hand.

Bar length

Easily field cut to size.

Standard 36" bar fits doors up to 36" (914mm).

Optional 48" bar fits 36-1/2" - 48" (927mm - 1219mm) doors; specify W048.

Door Thickness

1-3/4" (44mm) only (properly reinforced doors).

Backset

2-3/4" (70mm).

Stile

Minimum width 4-1/8" (108mm).

Door Height

All top rods easily field cut to size.

Standard on ED6800 devices: top rod for doors up to 8'6".

Optional on ED6800 devices: top rod for doors up to 10'; see Quick Codes, page 33.

Standard on ED6400A devices: top rod for 7'2" door.

Projection

5-3/4" (150mm); 4-1/2" (114mm) depressed.

Latchbolts

Top: 3/4" (19mm) pivoted and deadlocking.

Bottom: 13/16" (20mm) throw rounded steel.

Rods

Top: 3/8" (10mm) solid steel.

Bottom: 1/2" (13mm) O.D. steel tubing.

Materials

Brass, bronze or stainless steel.

Cases

Heavy wrought, 7-1/4" x 2-9/16" (184mm x 65mm)

Crossbar

Standard: 13/16" x 1-3/8" (20mm x 35mm) oval seamless tubing.

Optional: reinforced crossbar or stainless steel crossbar; see Quick Codes, page 33.

Dogging

Standard on ED6800 devices.

Optional on ED6800 devices: less dogging, specify M51.

Dogging not available on ED6800A devices.

Fasteners

Standard on ED6800 devices: machine screws.

Optional on ED6800 devices: sex nuts and bolts; specify M54.

Optional on ED6800 and ED6800A devices: spanner head screws; specify M02.

Strikes

See Options and Accessories, page 28.

Trims and Functions

Through-bolted knob and operator trims available with wide range of functions. See Trims and Functions, page 24.

Cylinders

Cylinder not included unless specified.

See How to Order, page 32.

Applications and Listings

See page 3.

Warranty

One-year limited.

Certification/Compliance

ANSI

Meets A156.3, Grade 1.

Meets A117.1 Accessibility Code.

C-UL US

All exit devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. 3-hour fire-rated devices listed as fire exit hardware for A label and less class 4' x 7'2" single and 8' x 7'2" double doors. UL symbol on active head indicates listing.

NFPA

All exit devices comply with NFPA 101 Life Safety Code. Fire-rated devices comply with NFPA 80 Fire Doors and Windows.

ADA

Exit devices, lever trims and pulls comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, Oil Rubbed
BHMA 622	Flat Black Coated
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

ED6800 and ED6800A Concealed Vertical Rod Exit Devices

For use with metal doors only.



3/4" throw pivoted
deadlocking top latchbolt

Field reversible, durable heavy wrought cases

Brass, bronze or stainless steel exterior

Dogging standard on ED6800 devices

Durable drop-forged lever arms


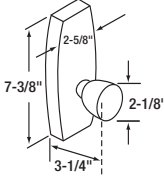

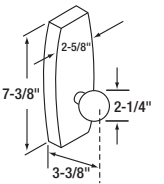

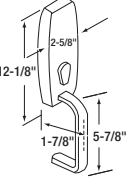

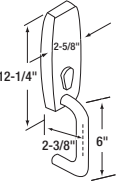
Oval seamless crossbar design with
interlocking expansion collects and roll pins
to reduce chance of crossbar loosening

13/16" throw rounded steel bottom deadbolt

ED6000 Series Crossbar Exit Devices

CVR Trims and Functions

Concealed Vertical Rod Exit Device	ANSI Type	Type	ANSI No.	Function Description
ED6800	8	Exit Only	F01	- Exit only; no trim. (Accepts all trims listed below.)
ED6800A	8	Exit Only	F01	- 3-hour fire-rated exit only; no trim. (Accepts all trims listed below.)
For Passage, Dummy, Classroom and Nightlatch functions, see Trim Designs below.		Passage	–	- Free at all times.
		Dummy	F02	- Always rigid.
		Classroom	F08/F11	- Free at all times, except when locked by key.
		Nightlatch	F03/F04/F09/F12	- Always rigid. Key removable only when locked.

Escutcheon Trim Design		Passage	Dummy ANSI No. F02	Classroom ANSI No. F08/F11	Nightlatch ANSI No. F03/F04/F09/F12
	<p>Belmont B5 Knob: Wrought reinforced Escutcheon: Cast Cylinder: Mortise</p> 	B510	B550	B555	B557
	<p>Global G6 Knob: Wrought reinforced Escutcheon: Cast Cylinder: Mortise</p> 	G610	G650	G655	G657
	<p>D Grip Operator 01 Grip: Extruded Escutcheon: Cast Cylinder: Mortise with A92 cam</p> 	N/A	0150	0155	0157 0156*
	<p>Round Grip Operator 02 Grip: Extruded Escutcheon: Cast Cylinder: Mortise with A92 cam</p> 	N/A	0250	0255	0257 0256*

*Key also holds top and bottom latchbolts in retracted position for ANSI No. 04 function. Not available with ED6800A devices.

ED66900 Series Electrically Controlled Mortise Exit Devices

Applications

This series offers the safety features of a heavy-duty mortise crossbar exit devices with the added security of an electrically controlled exit (ECE). Solenoid-operated units are designed for optimum versatility and flexibility, providing both power lock (fail safe) and power unlock (fail secure) functions in AC as well as DE systems. This devices is best used in:

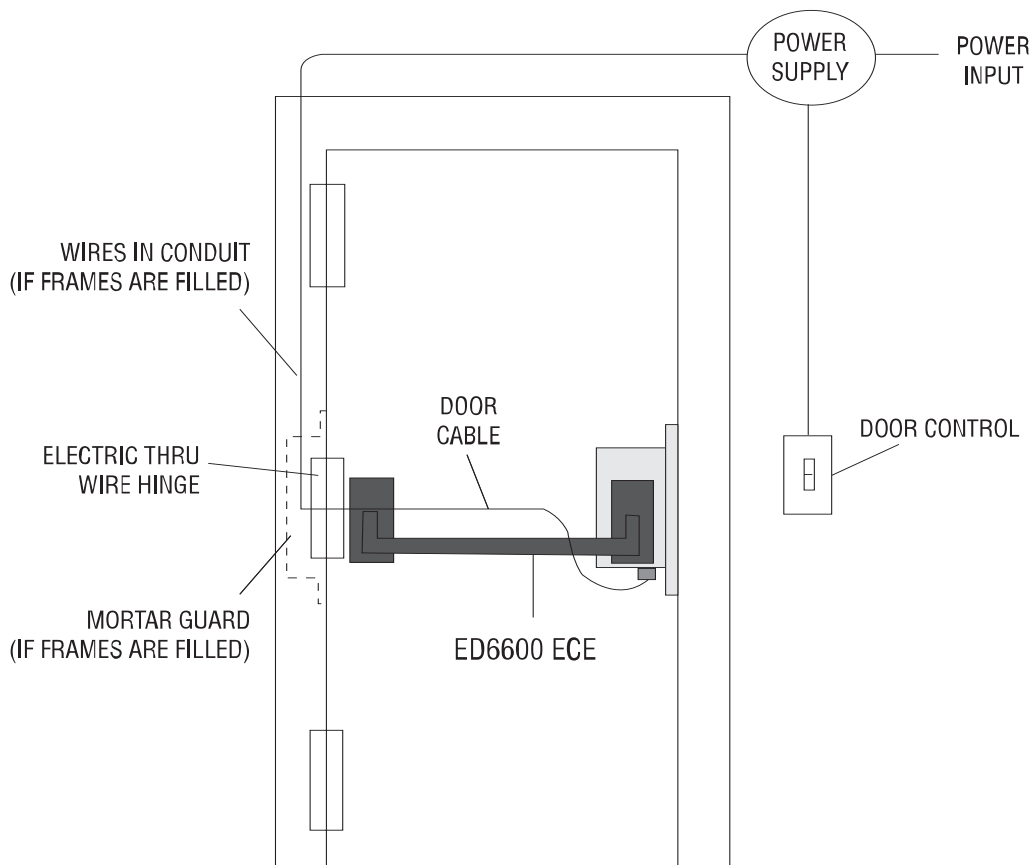
- Stair tower doors
- Perimeter doors
- Security areas
- Computer areas
- Controlled environments

Advantages

- Proven reliability and durability of the Corbin Ruswin Mortise Lockset
- Available as fail safe or fail secure
- Key always retracts latchbolt
- Integral solenoid
- Low voltage AC or DC systems available
- Accepts wide range of trims

ElectroLynx™

ElectroLynx, a new quick-connect feature of ASSA ABLOY Group companies, takes the guesswork out of installing electrified door hardware products. It's ... hardwiring Made Easy. By using standard "plug and play" connectors, a simple "click" links power from the incoming source to electrified locking products, including hinges, locks, exit devices, magnetic holders, and strikes. What normally takes an hour or more can be connected in virtually minutes.



ED66900 Panic-Listed ECE Mortise Exit Device

Features

Handing

Field reversible device; specify hand.
Mortise lock and strike are not reversible.

Bar Length

Easily field cut to size.
Standard 36" bar fits doors up to 36" (914mm).
Optional 48" bar fits 36-1/2" - 48" (927mm - 1219mm) doors; specify W048.

Door Thickness

1-3/4" (44mm).
Optional: 2" (51mm) and 2-1/4" (57mm);
to order specify D200 or D214.

Backset

2-3/4" (70mm).

Stile

Minimum width: 5" (127mm).

Latchbolt

Brass, 3/4" (19mm) throw.

Auxiliary Latch

Brass.

Front

8" x 1-1/4" (203mm x 32mm) heavy gauge steel.
Accommodates flat doors and doors
beveled 1/8" to 2" (3mm to 51mm).

Materials

Brass, bronze or stainless steel.

Cases

Heavy wrought, 7-1/4" x 2-9/16" (184mm x 65mm).

Crossbar

Standard: 13/16" x 1-3/8" (20mm x 35mm) oval seamless tubing.
Optional: reinforced crossbar or stainless steel crossbar; see Quick Codes, page 33.

Dogging

Dogging standard.
Optional: less dogging. Specify M51.

Fasteners

Standard: machine screws.
Optional: sex nuts and bolts; specify M54.
Optional: spanner head screws; specify M02.

Strike

Standard: ANSI strike.
Optional: open back strike and ANSI wrought strike box available; see Options and Accessories, page 28.

Trim

Accepts trims listed on pages 19-21.

Cylinders

Cylinder not included unless specified.
See How to Order, page 32.

Operating Current

12VAC	0.8 AMPS
12VDC	0.8 AMPS
24VAC	0.4 AMPS
24VDC	0.4 AMPS

See How to Order, page 32.

Warranty

One-year limited.

Certification/Compliance

ANSI

Meets A156.3, Grade 1.

C-UL US

All exit devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. UL symbol on active head indicates listing.

NFPA

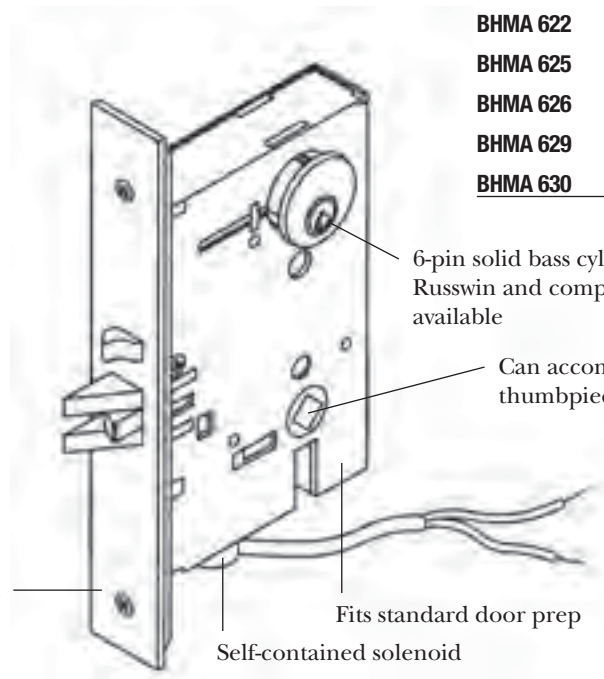
All exit devices comply with NFPA 101 Life Safety Code.

ADA

Exit devices, lever trims and pulls comply with Americans with Disabilities Act.

Finishes

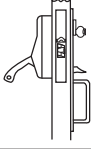

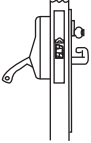

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, Oil Rubbed
BHMA 622	Flat Black Coated
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel



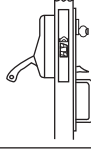

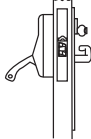

ED66900 Series Electrically Controlled
Mortise Exit Devices

ECE Functions

The following functions are locked when power is on (Fail Safe).

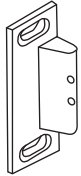
Inside	Outside	Series/ Function	Function Description
		ED66902	<ul style="list-style-type: none"> - When energized, solenoid locks outside trim; thumbpiece is then free-acting and disengaged. - Key retracts latchbolt at all times. - Mortise Lock No. MLE10.
		ED66904	<ul style="list-style-type: none"> - When energized, solenoid locks outside trim; knob or lever is then free-acting and disengaged. - Key retracts latchbolt at all times. - Mortise Lock No. MLE10.

The following functions are unlocked when power is on (Fail Secure).

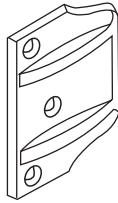
Inside	Outside	Series/ Function	Function Description
		ED66901	<ul style="list-style-type: none"> - When energized, solenoid unlocks outside trim. - Thumbpiece retracts latchbolt. - Key retracts latchbolt at all times. - Mortise Lock No. MLE11.
		ED66903	<ul style="list-style-type: none"> - When energized, solenoid unlocks outside trim. - Knob or lever retracts latchbolt. - Key retracts latchbolt at all times. - Mortise Lock No. MLE11.

Rim Strikes

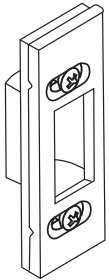
(Screws Included)

**Rim Strike**

Standard on ED6200 devices. For doors with 1/2" (13mm) or 5/8" (16mm) stop. Adjustable to compensate for shrinkage and swelling of door. Nylon anti-friction inserts for quieter operation. 3-1/4" x 1-1/16" (82mm x 27mm). To order separately, specify 145F55. 1/8" (3mm) shim available for 1/2" (13mm) stop; specify 184F82.

**Rim x Vertical Rod Strike**

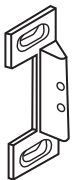
Required for ED6200 devices when used with ED6400 device on a pair of doors. To order with device, specify option S02. To order separately, specify 467F73.

**Mortised Adjustable Rim Strike**

Optional for ED6200 devices only. Adjustable to compensate for shrinkage and swelling of door. 3-3/4" x 1-9/16" (95mm x 40mm). To order with device, specify option S04. To order separately specify 142F43.

**Fire-Rated Rim Strike**

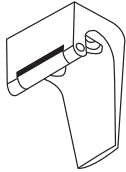
Standard on ED6200A devices. Steel with black nylon coating. Surface application; reversible, adjustable. 4-3/8" x 1-9/32" (111mm x 32mm). To order separately, specify 499F59.

**Open Rim Strike**

Optional for ED6200 devices. Adjustable to compensate for shrinkage and swelling of door. Nylon anti-friction inserts for quieter operation. 3-1/4" x 1-3/32" (82mm x 28mm). To order with device, specify S05. To order separately, specify 145F56.

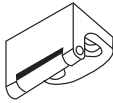
Vertical Rod Strikes

(Screws Included)



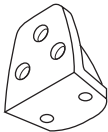
Top Strike for Latch Hold-Back

Standard on ED6400 devices with latch hold-back. 2-3/32" x 1-3/4" x 2-5/32" (53mm x 44mm x 55mm) high. To order separately, specify 392F24.



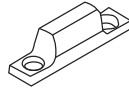
Non-Hold-Back Top Strike

Standard on ED6400 devices without latch hold-back. 1-1/2" x 1-3/4" x 7/8" (38mm x 44mm x 22mm) high. To order separately, specify 392F22.



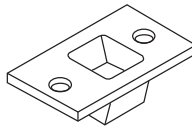
Flush Transom Strike Bracket

Optional for ED6400 devices when mounting top strike on flush transom. To order with device, specify option M67. To order separately, specify 176F65.



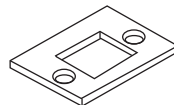
Surface Projecting Bottom Strike

Standard on ED6400 devices. 2-9/16" x 19/32" x 5/8" (65mm x 15mm x 16mm) high. To order separately, specify 502F96.



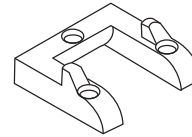
Flush Bottom Strike

Optional for ED6400 devices. 3-1/2" x 1-3/4" x 7/8" (99mm x 44mm x 22mm) deep. To order with devices, specify option S03. To order separately, specify 392F28.



Bottom Strike

Standard on ED6400A devices. To order separately, specify 502F75.

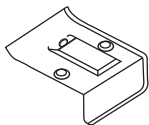


Bottom Strike for Threshold

Optional on ED6400A devices. For use with threshold. To order with device, specify option S06. To order separately, specify 304F34.

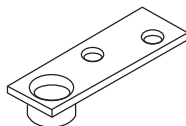
Concealed Vertical Rod Strikes

(Screws Included)



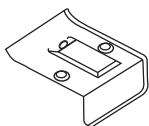
Top Strike

Standard on ED6800 devices. To order separately, specify 503F55.



Bottom Strike

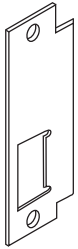
Standard on ED6800 and ED6800A devices. To order separately, specify 503F23.



Fire-Rated Top Strike

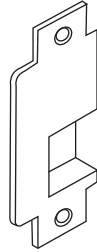
Standard on ED6800A devices. To order separately, specify 503F56.

Mortise Strikes



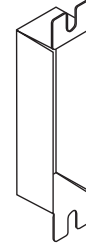
Straight Lip ANSI Strike

Standard on ED6600 and ED6600A. On stainless steel exit devices, stainless steel strike furnished standard. 4-7/8" x 1-1/4" x 1-1/8" (124mm x 32mm x 28mm) lip to center, for 1-3/4" (44mm) doors. To order separately, specify Part No.



Open Back Strike

Optional for use with ED6400 x ED6600 devices on a pair of doors. See How to Order, page 32. To order separately, specify Part No. x Door Thickness x Finish.



ANSI Wrought Strike Box

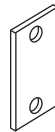
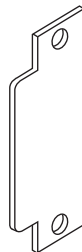
Optional for use with Mortise Strike on ED6600 and ED6600A devices; specify option M17. To order separately, specify 120F76-8.

Hand	Door Thickness	Part No.
LHR	1-3/4", 2", 2-1/4"	411L62
RHR	1-3/4", 2", 2-1/4"	411L63

Hand	Part No.
RHR	405L14
	240L51 (stainless steel)
LHR	405L13
	240L50 (stainless steel)

Filler Plates

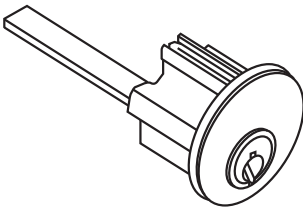
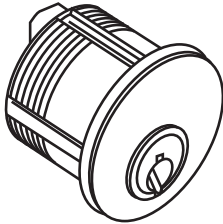
Optional for use on stock metal doors when required. To order, specify Part No. x Finish.



Front 334F99-8 600	Strike 236L708018	Front 077F19-8 600
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Cylinders

- L4 keyway standard; specify other keyways.
- Collar not included.
- To order with Exit Device, see How to Order, page 32.
- To order separately, specify Part No. x Keyways Finish (e.g., 3000-200 x L4 x 626).

Cylinder Type	Part No.	Description
 <p>Rim</p>	3000-200	6-pin, horizontal tailpiece
	3000-200-7	7-pin, horizontal tailpiece
	3010-200	6-pin, horizontal tailpiece, Security
	3012-178	6-pin, blackout function, Security
	3060-200	6-pin, master ring
	3070-178	6-pin, interchangeable core (IC) less core
	3070-178-7	7-pin, IC less core
	3080-178	6-pin, IC
	3080-178-7	7-pin, IC
	3090-178	6-pin, Security IC
	3020-200	7-pin, Pyramid
	3030-200	7-pin, Pyramid IC
 <p>Mortise</p>	1000-118-A02	6-pin, 1-1/8" straight cam
	1000-114-A02-7	7-pin, 1-1/4" straight cam
	1010-118-A02	6-pin, 1-1/8" Security, straight cam
	1012-114-A02	6-pin, 1-1/4" Security with blackout
	1070-114-A02	6-pin, 1-1/4" IC less core
	1080-114-A02	6-pin, 1-1/4" IC straight cam
	1090-114-A02	6-pin, 1-1/4" IC Security straight cam
	1000-112-A02	6-pin, 1-1/2" straight cam
	1000-134-A02	6-pin, 1-3/4" straight cam
	1000-112-A02-7	7-pin, 1-1/2" straight cam
	1000-134-A02-7	7-pin, 1-3/4" straight cam
	1010-112-A02	6-pin, 1-1/2" Security straight cam
	1010-134-A02	6-pin, 1-3/4" Security straight cam
	1080-112-A02	6-pin, 1-1/2" IC straight cam
	1080-134-A02	6-pin, 1-3/4" IC straight cam
	1080-112-A02-7	7-pin, 1-1/2" IC straight cam
	1080-134-A02-7	7-pin, 1-3/4" IC straight cam
	1090-112-A02	6-pin, 1-1/2" IC Security straight cam
	1090-134-A02	6-pin, 1-3/4" IC Security straight cam
	1000-118-A92	6-pin, 1-1/8" (O1 and O2 trims only)
	1000-114-A92-7	7-pin, 1-1/4" (O1 and O2 trims only)
	1010-118-A92	6-pin, 1-1/8" Security (O1 and O2 trims only)
	1012-114-A92	6-pin, 1-1/4" Security blackout (O1 and O2 trims only)
1020-114-A02	7-pin, Pyramid	
1030-114-A02	7-pin, Pyramid IC	

Ordering Examples - ED6000 Series

Rim Exit Device

Quantity	Exit Device	Finish	Hand	Misc. Options
27	ED6200	630	RHR	M51-M54

Removable Mullion

Quantity	Mullion
9	507

Trim Only (For Rim Exit Device)

Quantity	Trim/Function	Finish	Hand	Door Thickness
34	L210	625	RHR	D214

Rim Exit Device with Trim

Quantity	Exit Device	Trim/Function	Finish	Hand	Door Thickness	Optional Strike	Door Width	Misc. Options
18	ED6200	N355	605	LHR	D200	S04	W048	M53

Contract/Detailed Order – Rim Exit Device with Trim

Quantity	Keyset	Exit Device	Trim/Function	Finish	Hand	Door Thickness	Door Width	Misc. Options	Cylinder Option	Keying
68	AA1	ED6200	C255	626	RHR	D200	W048	M50-M54	7P	VK3

Ordering Examples - ED66900 Series

Lock Only (Includes lock case, armored front, strike and screw pack)

Quantity	Mortise Lock	Finish	Hand	Voltage
16	MLE10	626	LHR	24D

Contract/Detailed Order

Quantity	Keyset	Exit Device	Trim/Function	Finish	Hand	Voltage	Misc. Options	Cylinder Option	Keying
34	AA1	ED66904	C3M55	626	RHR	12A	M53-M54	6P	VK3

Where to find ordering information and Quick Codes

Functions and Trims

Rim and Vertical Rod	Pages 8-10
Fire-Rated Rim	Pages 14-16
Mortise	Pages 19-21
Concealed Vertical Rod	Page 24
Finish	Page 33
Handing	Page 33
Door Thickness	Page 33
Strike	Page 33
Door Width	Page 33
Door Height	Page 33
Cylinder and Keying	Page 33
Miscellaneous Options	Page 33
Removable Mullion	Page 11

Cylinder and Keying

Description	Specify
Conventional 6-pin	6P*
Conventional 7-pin	7P
Pyramid Security fixed core ⁴	PS
Pyramid Security IC ¹	PCS
Pyramid High Security fixed core ⁴	PHS
Pyramid High Security IC ¹	PCHS
Pyramid IC with temporary construction core ¹	CTP
Pyramid IC with temporary disposable core ¹	CTPD
Pyramid IC less core ¹	CLP
Security	HS
Security IC ¹	CHS
Blockout function cylinder	B0
IC 6-pin ¹	C6
IC 6-pin with temporary construction core ¹	CT6
IC 6-pin with temporary disposable core ¹	CT6D
IC 6-pin less core ¹	CL6
IC 7-pin ^{1,2}	C7
IC 7-pin with temporary construction core ^{1,2}	CT7
IC 7-pin with temporary disposable core ^{1,2}	CT7D
IC 7-pin less core ^{1,2}	CL7
Less master ring cylinder ³	MR-LC
Master Ring ³	MR
0-bitted with 2 blank keys	(standard)
Keyed random	KR
Construction master keyed (not available for Pyramid)	CMK
No keying data stamped on key or cylinder	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
Concealed key control (CKC) - CKC cylinders with VKC keys	CKC2
- CKC cylinders only (not for HS, CHS, PHS or PCHS)	CKC3
2 keys per lock	(standard)
More than 2 keys	KY# (e.g., KY6)

*6P cylinder option is supplied in 6-pin, L4 keyway 0-bitted with two nickel silver keys.

1. Not available on O1 and O2 trim.

2. Rim only.

3. Complete rim and vertical rod devices are available with master ring trim. However, complete master ring mortise devices are discontinued. Master ring mortise trim is available to support old master ring mortise devices in the field.

4. Not available in ED6600, A4M, C3M, D3M, E3M, L3M, N4M, PR3M, R3M, B4M, G5M trims.

Miscellaneous Options

Description	Specify
Spanner head screws	M02
ANSI wrought strike box	M17
Knurling outside & inside (trim & device; not available with M50)	M20
Knurling outside only (trim side)	M21
Knurling inside only (device side; not available with M50)	M22
Abrasive coat outside and inside (trim and device)	M23
Abrasive coat inside only (device side)	M24
Abrasive coat outside only (trim side)	M25
Stainless steel crossbar (not available with M20 or M22)	M50
Less dogging	M51
Steel reinforced crossbar	M53
Sex nuts and bolts (SNBs)	M54
Mullion stabilizer kit	M57
Shim for 2-3/4" backset on doors with 1/2" stop (rim devices only)	M59
Freelatching latchbolts (ED6400 devices only)	M65
Flush transom bracket	M67
Spacer block	M95
Angle bracket	M96

Finish

Description	Specify
US3 Bright Brass	605
US4 Satin Brass	606
US9 Bright Bronze	611
US10 Satin Bronze	612
US10B Dark Oxidized Satin Bronze, oil rubbed	613
US19 Flat Black Coated	622
US26 Bright Chromium Plated	625
US26D Satin Chromium Plated	626
US32 Bright Stainless Steel	629
US32D Satin Stainless Steel	630

Door Thickness

Door	Specify
1 ³ / ₄ " (44mm)	(standard)
2" (51mm) (except ED6800)	D200
2 ¹ / ₄ " (57mm) (except ED6800)	D214

Strike

Description	Specify
Rim	
Mortised adjustable	S04
Open	S05
Rim x Vertical Rod	S02
Vertical Rod	
Flush bottom (ED6400 devices only)	S03
3-hour fire-rated bottom for use with threshold	S06
Mortise	
Open back strike	
1-3/4" door thickness	SB134
2" door thickness	SB200
2-1/4" door thickness	SB214
Straight Lip ANSI Strike	
1-1/8" door thickness	(standard)
1-1/4" door thickness	SS114
1-3/8" door thickness	SS138

Door Height

Door	Specify
7'2" (ED6400A and ED6800A devices)	(standard)
7'6" (ED5400 devices)	(standard)
8'6" (ED6800 devices)	(standard)
10'0" (ED6400 devices only)	H1000
10'8" (ED6800 devices only)	H1008

Handing

Hand	Specify
Right Hand Reverse	RHR
Left Hand Reverse	LHR

Door Width

Door	Specify
36" (914mm)	(standard)
48" (1219mm)	W048

Voltage

Description	Specify
12 volt alternating current	12A
12 volt direct current	12D
24 volt alternating current	24A
24 volt direct current	24D

Abrasive Coat

Hard granular material applied to provide a non-slip tactile surface for the visually impaired.

Active Door

In a pair of doors, the door that is operable from the trim side.

Astragal

A vertical member applied to one or both sides of a pair of doors at the meeting edges. The astragal closes the gap between the two doors.

Coordinator

A device used on a pair of doors to ensure that the inactive door closes before the active door.

Deadlocking Latch

A supplemental latch that automatically deadlocks the latchbolt when pressure is applied to it.

Dogging

A mechanism that allows the latchbolt to remain retracted, permitting the door to operate as if it were a push-pull; it cannot be used on fire-rated exit devices.

Double Egress

A pair of doors of the same hand that swing in opposite directions, commonly found in corridors.

Dummy Trim

Trim only. Usually used on the inactive door of a pair of doors for design balance.

Exit Device (Panic Hardware)

A door locking device with a pushpad or crossbar which, when pressed, allows instant exit (egress).

Fire Exit Hardware

An exit device listed by an independent testing laboratory as meeting panic, fire and hose stream test standards; used on fire rated openings.

Hand

The direction a door swings.

Inactive Door

In a pair of doors, the door that is inoperable from the trim side.

Latchbolt

A lock component that has a beveled end and projects into a strike, holding the door in a closed position.

Mullion

A fixed or removable vertical member that divides a door opening and provides a latch surface for a pair of rim exit devices.

Narrow Stile Door

Usually a door having a stile of less than 2-3/4" wide, commonly seen on aluminum or glass front applications.

Open Back Strike

For mortise exit devices, used on the inactive door (usually the vertical rod door) of a pair of doors that swing in the same direction. It permits the inactive door to open or close independently.

Reversible

Pertains to a product that may be changed in the field to accommodate any hand of the door.

Shim Kit

Pieces of metal that permit mounting of an exit device on a door that has a surface projecting vision light (glass bead) molding.

Split Astragal

An astragal that is split through the middle on a pair of doors, allowing both doors to operate independently.

Threshold

A strip fastened to the floor beneath a door. It serves as a stop, prevents heat loss, and provides a strike location for latching the bottom rod of a vertical rod exit device.

Trim

A knob, lever, pull, or thumbpiece used on the outside of an exit device door to control access to an area.

Universal Exit Device

An exit device that may be used on doors of either hand without any modifications.

Keying and Cylinder Terms**Blockout Cylinder**

A cylinder which allows all keys to be temporarily blocked from operating. It is set by a blockout key.

Concealed Key Control (CKC)

The marking of standard key symbols on a cylinder in a location that is not visible once the cylinder is installed.

Construction Master Keying (CMK)

A cylinder preparation that allows temporary access by construction personnel.

Control Key

A key used to remove and install interchangeable cores.

Cylinder

A lock component containing the combination that determines which keys will operate.

Security Cylinder

A cylinder which provides extra resistance to picking and unauthorized duplication of keys.

Interchangeable Core (IC)

A cylinder which can be removed and installed quickly with a control key by non-skilled personnel when rekeying is required.

Key Symbol

A letter/number combination in standard industry format (e.g., 1AA, AA1, etc.) which indicates exactly how a key or cylinder fits into a keying system.

Keyway

The opening in a cylinder plug through which the key enters.

Master Keying

Preparation of a cylinder to operate with keys of different levels of access.

Visual Key Control (VKC)

The marking of standard key symbols on keys and on the visible portion of the front of a cylinder.

Suggested Specification ED6000 Series

All exit devices shall be ED6000 Series Crossbar Exit Devices as manufactured by Corbin Russwin Architectural Hardware.

The maximum projection shall be 5-3/4", and 4-1/2" when crossbar is depressed. Exit devices shall have matched twin cases mounted with concealed fastening screws and shall be constructed of brass, bronze or stainless steel. Non-matched twin cases shall not be acceptable. Crossbar lever arms shall be drop forged. Devices shall be field reversible.

Crossbars shall be oval-shaped and shall be a minimum of .065" thick. Crossbars shall interlock into the lever arms by expansion collects and interlocking roll pins. Crossbars attached with rivets shall not be acceptable. Reinforced crossbars and stainless steel crossbars shall be available. All exit devices shall be easily field sized to accommodate various door widths.

Panic listed exit devices shall have dogging standard. Dogging screws shall seat into heat-treated pivots for long life and minimum wear. Panic listed devices shall be available less dogging.

All exit devices shall have ample allowances for easy alignment.

Trims shall be through-bolted with concealed fasteners. Escutcheon, rose and pull trims shall be constructed of brass, bronze or stainless steel. All lever trims shall use cast levers. Wrought levers shall not be acceptable. Lever trims shall match those on Corbin Russwin Mortise and Cylindrical Locksets.

All devices and trims shall be furnished in architectural finishes.

All devices shall be listed by Underwriters Laboratories (UL) for safety as panic hardware. Fire-rated devices shall be UL listed for A label and lesser class doors, 4' x 7'2" single and 8' x 7'2" pair.

Certification:
ANSI A156.3, Grade 1
ANSI A117.1 Accessibility Code
California State Fire Marshal pursuant to section 13144.1 of the California Health and Safety Code.

All devices, trims and cylinders shall be from one manufacturer.

All mechanical devices and trims shall carry a one-year limited warranty.

All electro-mechanical devices shall carry a one-year limited warranty.

Suggested Specification ED66900 Series

All exit devices shall be ED66900 Series Electrically Controlled Exit Devices, as manufactured by Corbin Russwin Architectural Hardware.

All mortise lock functions shall be available in one size case, manufactured from heavy-gauge steel, minimum thickness 3/32", completely chrome plated for corrosion resistance and lubricity of parts. Cases shall be closed on all sides to protect internal parts. Locks shall have adjustable, beveled and armored fronts, standard 2-3/4" backset, a full 3/4" throw two-piece mechanical anti-friction latchbolt, and shall be available for 1-3/4", 2" and 2-1/4" thick doors. Internal parts shall be heavy gauge steel, zinc dichromate plated for corrosion resistance.

Devices shall fit ANSI standard strike preparation. Other than for wiring, no special door or frame preparation shall be required.

Devices shall be available 12 or 24 volt, AC or DC, and fail safe or fail secure.

Mechanical cylinder override shall be available. Optional cylinders shall include interchangeable core, security and blockout types.

Lock trim (knob, lever or thumbpiece) shall be through-bolted through the lockcase to ensure correct alignment and proper operation.

Certification:
ANSI A156.3, Grade 1
ANSI A117.1 Accessibility Code (lever handle trim)
California State Fire Marshal pursuant to section 13144.1 of the California Health and Safety Code.

All devices, trims and cylinders shall be from one manufacturer.

All mechanical devices and trims shall carry a one-year limited warranty.

All electro-mechanical devices shall carry a one-year limited warranty.

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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Narrow Stile Crossbar Exit Devices ED7000 Series

**Corbin
Russwin** ™



Narrow Stile Crossbar Exit Devices ED7000 Series



Applications

Since patenting some of the first exit devices nearly a century ago, Corbin Russwin has met rigorous life safety and security requirements, while offering pleasing aesthetics and trouble-free operation. ED7000 Series Crossbar Exit Devices are designed for high-use, high-abuse applications on narrow and regular stile doors in new construction and renovations including:

- Schools and universities
- Health care
- Government
- Commercial and industrial
- Office and retail
- Transportation and utilities
- Hotels and conference centers
- Religious

Advantages

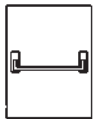
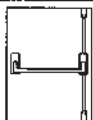
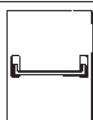
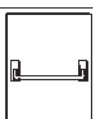
- Meets or exceeds all ANSI Grade 1 requirements
- Heavy-duty construction
- Base metals (brass, bronze and stainless steel) for durability
- Easy-to-use crossbar operation assures quick egress and ADA compliance
- Dogging standard on all panic listed devices
- Throughbolted trims for strength and security
- Wide range of trim styles and finishes to match other Corbin Russwin products
- Devices available to satisfy panic and fire opening requirements

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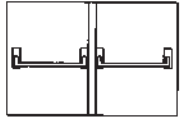


Narrow Stile Crossbar Exit Devices ED7000 Series

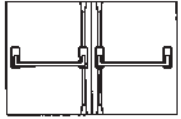
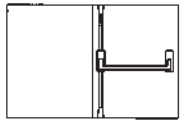
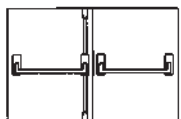
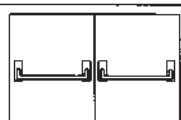
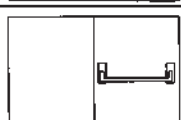
UL Listed by Underwriters Laboratories Inc., as fire exit hardware.

Single Door	Max. Door Opening	Fire Door Ratings					Application	
		A	B, D	C, E				
		3 Hr.	1½ Hr.	¾ Hr.	½ Hr.	⅓ Hr.		
Rim ED7200	None	Devices are panic listed only.					Surface applied; single point latching	
Vertical Rod ED7400	4' x 10'	Devices are panic listed only.					Surface applied; two point latching	
Mortise ED7600	None	Devices are panic listed only.					Mortised in door; single point latching	
ED7600A	4' x 7'2"	UL	UL	UL	UL	UL		
Concealed Vertical Rod ED7800	4' x 10'8"	Devices are panic listed only.					Rods concealed in door; two point latching	
ED7800A	4' x 7'2"	UL	UL	UL	UL	UL		

Pair of Doors with Removable Mullion

Rim x Rim ED7200 x ED7200 x 507	8' x 7'2"	Devices are panic listed only.					2 independent, active doors with removable mullion	
ED7200 x ED7200 x 510	8' x 10'	Devices are panic listed only.						

Pair of Doors

Vertical Rod Swinging in Same Direction ED7400 x ED7400	8' x 10'	Devices are panic listed only.					2 independent doors with 2 point latching – do not use overlapping astragal.	
Vertical Rod Swinging in Opposite Directions ED7400 x ED7400	8' x 10'	Devices are panic listed only.					2 independent doors with 2 point latching.	
Vertical Rod x Mortise ED7400 x ED7600	8' x 10'	Devices are panic listed only.					Coordinator recommended with standard strike.	
ED7400 x ED7600 x Open back strike	8' x 10'	Devices are panic listed only.						
Concealed Vertical Rod Swinging in Same Direction ED7800 x ED7800	8' x 10'8"	Devices are panic listed only.					2 independent doors with 2 point latching – do not use overlapping astragal.	
ED7800A x ED7800A	8' x 7'2"	—	UL	UL	UL	UL		
Concealed Vertical Rod Swinging in Opposite Directions ED7800 x ED7800	8' x 10'8"	—	Devices are panic listed only.				2 independent doors with 2 point latching – over- lapping astragal required for 3 hour openings.	
ED7800A x ED7800A	8' x 7'2"	UL	UL	UL	UL	UL		

Narrow Stile Crossbar Exit Devices ED7200 Series

ED7200 Panic Listed Rim Exit Device



Features

Handing

Field reversible; specify hand.

Bar Length

Easily field cut to size.
Standard 36" bar fits doors up to 36".
Optional 48" bar fits 36½"-48" doors; see How to Order, page 23.

Door Thickness

Standard: 1¾".
Optional: 2" and 2½"; see How to Order, page 23.

Backset

1¾" with standard strike and ½" stop.
(Backset changes when mullion is used.)

Stile

Minimum width 2½" with standard strike and ½" stop.

Projection

4⅞"; 3⅞" depressed.

Latchbolt

⅝" throw pivoted.

Latch Hold-Back

Standard: latch remains in hold-back position by full rotation of key outside.
Optional: less latch hold-back; see How to Order, page 23.

Materials

Brass, bronze or stainless steel.

Cases

Heavy cast, 7½" x 1¼".

Crossbar

Standard: 1⅞" x 1⅞" oval seamless tubing.
Optional: reinforced crossbar and stainless steel crossbar; see How to Order, page 23.

Dogging

Standard on ED7200 devices.
Optional: less dogging; see How to Order, page 23.

Fasteners

Standard: machine screws.
Optional: sex nuts and bolts or spanner head screws; see How to Order, page 23.

Strike

See Options and Accessories, page 19.

Removable Mullion

See Mullions, page 7.

Trims and Functions

Throughbolted pull trims available; see Trims and Functions, page 6.

Cylinders

Brass, 6-pin, L4 keyway, 0-bitted standard.
Optional cylinders available; see How to Order, page 23.

Keys

Two nickel silver standard.

Applications and Listings

See page 3.

Warranty

Three-year limited.

Certification/Compliance

ANSI

Meets A156.3, Grade 1.
Meets A117.1 Accessibility Code.

UL / ULC

All exit devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. UL symbol on active head indicates listing.

NFPA

All exit devices comply with NFPA 101 Life Safety Code.

ADA

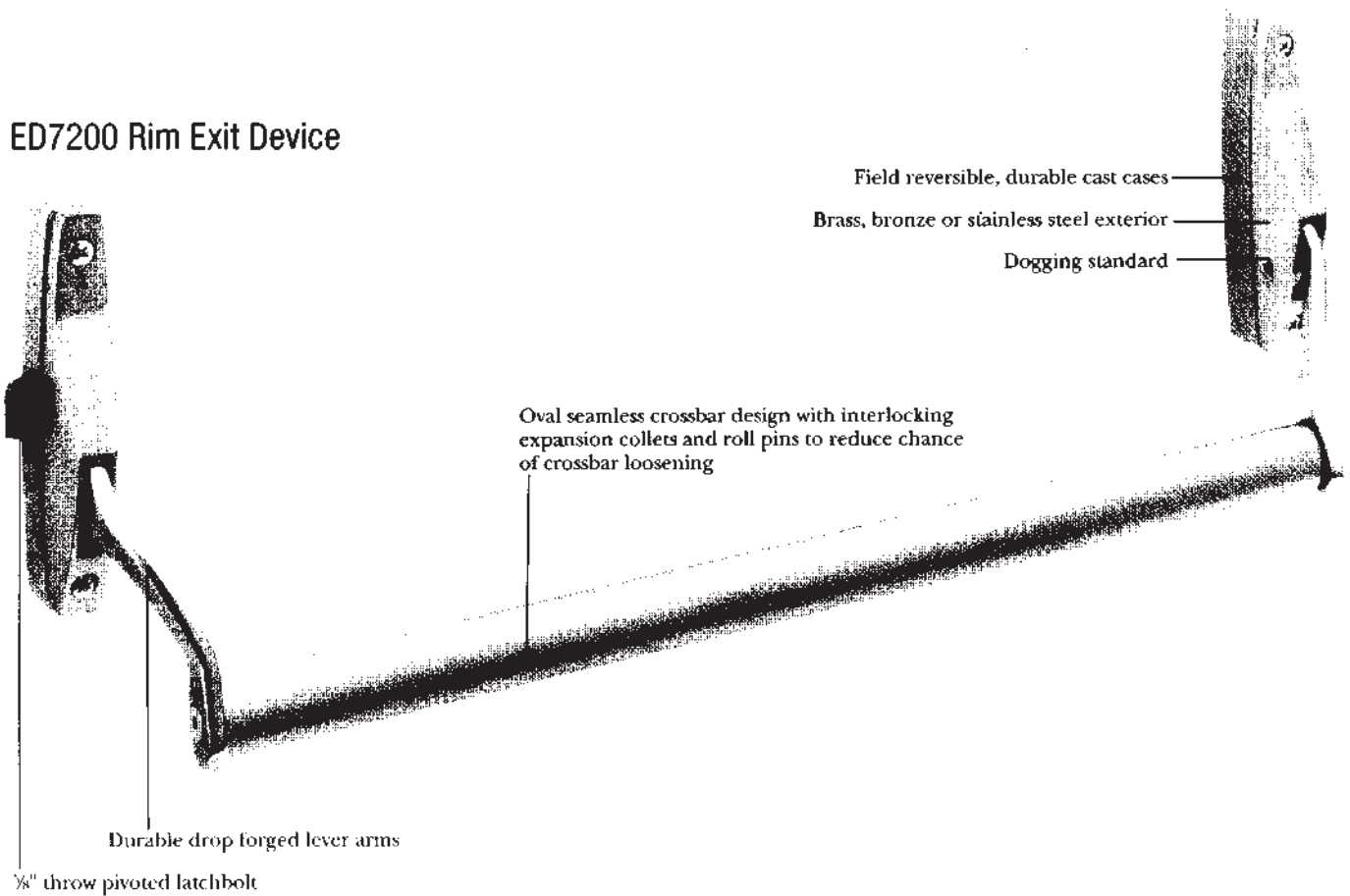
Exit devices and pull trims comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 622	Flat Black Coated
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

Narrow Stile Crossbar Exit Devices ED7200 Series



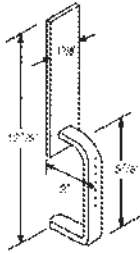


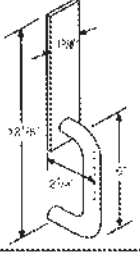


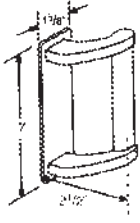
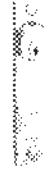
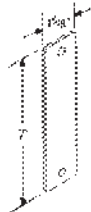
ED7200 Rim Exit Device



Rim Trims and Functions

Narrow Stile Crossbar Exit Devices ED7200 Series

Rim Exit Device	ANSI Type	Type	ANSI No.	Function Description
ED7200	4	Exit Only	01	- Exit only; no trim. (Accepts all trims listed below.)
For Dummy and Nightlatch functions, see Trim Designs below.		Dummy	02	- Always rigid.
		Nightlatch	03/04/09	- Always rigid. Key removable only when locked.

Pull Trim Design	Trim/Function	
	Dummy ANSI No. 02	Nightlatch ANSI No. 03/04/09
 <p>D Grip Pull </p> <p>P4 Grip: Extruded Escutcheon: Wrought Cylinder: Rim</p> 	P450	P457
 <p>Round Grip Pull </p> <p>P5 Grip: Extruded Escutcheon: Wrought Cylinder: Rim</p> 	P550	P557
 <p>Pull </p> <p>P6 Grip: Wrought Escutcheon: Wrought Cylinder: Rim</p> 	P650	P657
 <p>Plate</p> <p>P7 Escutcheon: Wrought Cylinder: Rim</p> 	N/A	P757

Narrow Stile Crossbar Exit Devices ED7200 Series

Removable Mullions

Used to install two ED7200 Rim Exit Devices in a double door opening. May be quickly and easily removed, then reinstalled, when a full double door opening is temporarily required.

Material and Finish

Steel mullion with malleable iron top and bottom plates; furnished with zinc plated fasteners for metal frames and concrete floors. May be cut, drilled and tapped in the field for Rim Exit Devices. Primed for painting.

507 - Removable Mullion

(ANSI Type 22)

Accommodates door openings up to 7'2" high, with or without threshold.

Ordering

See How to Order, page 22.

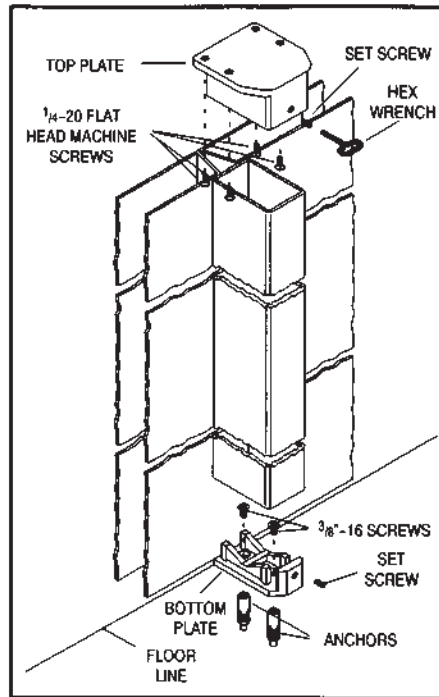
510 - Removable Mullion For Doors Up to 10'

(ANSI Type 22)

Used to install two ED7200 Rim Exit Devices in a panic listed double door opening up to 10' high. (May be field cut for doors under 10'.)

Ordering

See How to Order, page 22.



Narrow Stile Crossbar Exit Devices ED7400 Series

ED7400 Panic Listed Vertical Rod Exit Device



Features

Handing

Field reversible; specify hand.

Bar Length

Easily field cut to size.

Standard 36" bar fits doors up to 36".

Optional 48" bar fits 36½"-48" doors; see How to Order, page 23.

Door Thickness

Standard: 1¾".

Optional 2" and 2¼"; see How to Order, page 23.

Backset

1½" minimum for ½" stop.

1¼" minimum for ¾" stop.

Stile

Minimum width 1¾" for ½" stop; 2" for ¾" stop.

Door Height

All top rods easily field cut to size.

Standard: top rod for 7'6" door.

Optional: top rod for doors up to 10'; see How to Order, page 23.

Projection

4¾"; 3⅝" depressed.

Latchbolts

Top: ½" throw pivoted.

Bottom: ¾" throw pivoted. Bottom latch acts independently, allowing top latch to remain engaged even when bottom latch is not projected.

Vertical Rods

Inverted U-shaped rectangular with concealed rod guides.

Less Bottom Rod

Optional; see How to Order, page 23.

Materials

Brass, bronze or stainless steel.

Cases

Heavy cast.

Active case: 8" x 1¼".

Inactive case: 7½" x 1¼".

Top latch: 5⅞" x 1¼".

Bottom latch: 5⅝" x 1¼".

Crossbar

Standard: 1½" x 1¾" oval seamless tubing.

Optional: reinforced crossbar and stainless steel crossbar; see How to Order, page 23.

Dogging

Standard on ED7400 devices.

Optional: less dogging; see How to Order, page 23.

Fasteners

Standard: machine screws.

Optional: sex nuts and bolts or spanner head screws; see How to Order, page 23.

Strikes

See Options and Accessories, page 19.

Trims and Functions

Throughbolted lever, pull and operator trims available; see Trims and Functions, page 10.

Cylinders

Brass, 6-pin, L4 keyway, 0-bitted standard.

Optional cylinders available; see How to Order, page 23.

Keys

Two nickel silver standard.

Applications and Listings

See page 3.

Warranty

Three-year limited.

Certification/Compliance

ANSI

Meets A156.3, Grade 1.

Meets A117.1 Accessibility Code.

UL/ULC

All exit devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. UL symbol on active head indicates listing.

California State Reference Code

(Formerly Title 19, California State Fire Marshal Standard)

Levers with returns comply.

NFPA

All exit devices comply with NFPA 101 Life Safety Code.

ADA

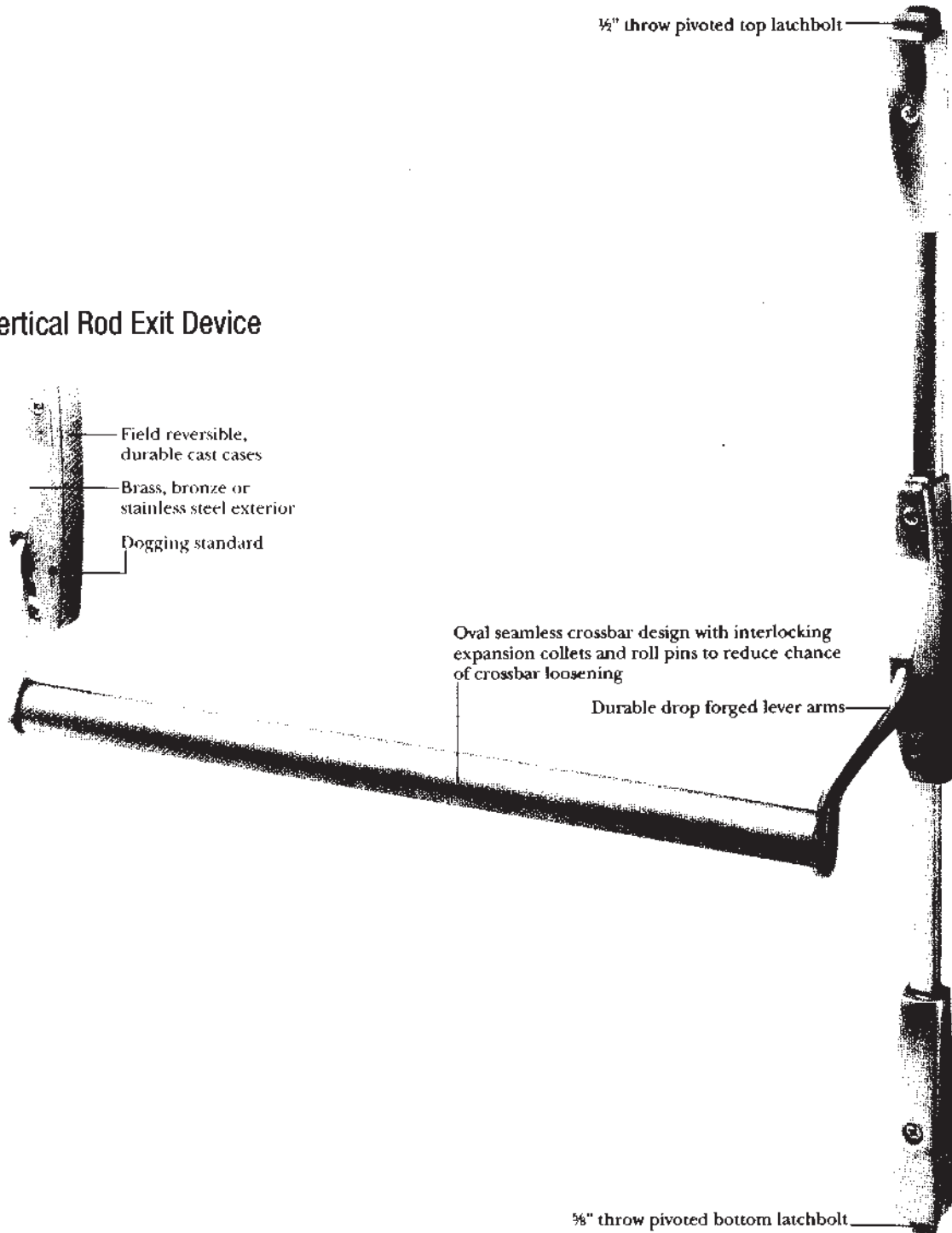
Exit devices, pull trims, and lever trims comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 622	Flat Black Coated
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

Narrow Stile Crossbar Exit Devices ED7400 Series



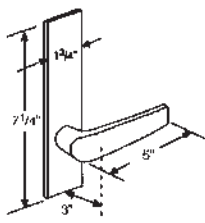


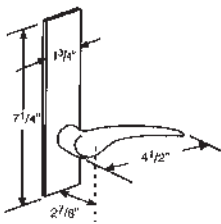


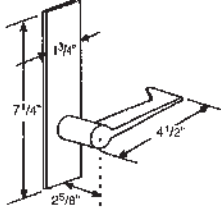
ED7400 Vertical Rod Exit Device





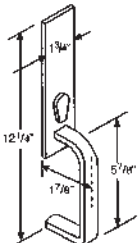


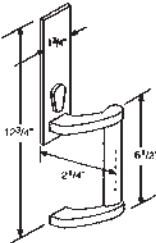
Vertical Rod Trims and Functions

Narrow Stile Crossbar Exit Devices ED7400 Series

Vertical Rod Exit Device	ANSI Type	Type	ANSI No.	Function Description
ED7400	5	Exit Only	01	- Exit only; no trim. (Accepts operator trim.)
ED7401	5	Exit Only	01	- Exit only; no trim. (Accepts lever trim.)
For Classroom and Nightlatch functions, see Trim Designs below.		Classroom	08/11	- Free at all times, except when locked by key.
		Nightlatch	03/04/09/12	- Always rigid. Key removable only when locked.

Lever Trim Design (Available with ED7401 devices only.)		Trim/Function	
		Classroom ANSI No. 08	Nightlatch ANSI No. 03/04/09
 <p>Citation </p> <p>C4 Lever: Cast Escutcheon: Cast Cylinder: Mortise MR Cylinder: 4266-001-A02</p> 	C455	C457	
 <p>Dirke </p> <p>D4 Lever: Cast Escutcheon: Cast Cylinder: Mortise MR Cylinder: 4266-001-A02</p> 	D455	D457	
 <p>Essex </p> <p>E4 Lever: Cast Escutcheon: Cast Cylinder: Mortise MR Cylinder: 4266-001-A02</p> 	E455	E457	

Narrow Stile Crossbar Exit Devices ED7400 Series

Operator Trim Design (Available with ED7400 devices only.)		Trim/Function	
		Classroom ANSI No. 11	Nightlatch ANSI No. 03/04/12
 <p>D Grip Operator 03  Grip: Extruded Escutcheon: Cast Cylinder: Mortise MR Cylinder: 4266-001-A02</p> 	0355	0357	
		0356*	
 <p>Round Grip Operator 04  Grip: Extruded Escutcheon: Cast Cylinder: Mortise MR Cylinder: 4266-001-A02</p> 	0455	0457	
		0456*	

*Key also used to hold top and bottom latchbolts in retracted position for ANSI No. 4 function.

Narrow Stile Crossbar Exit Devices ED7600 Series

ED7600 Panic Listed Mortise Exit Device ED7600A 3 Hour Fire Rated Mortise Exit Device



Features

Handing

Device is field reversible, but strike is not; specify hand.

Bar Length

Easily field cut to size.
Standard 36" bar fits doors up to 36".
Optional 48" bar fits 36½"-48" doors; see How to Order, page 23.

Door Thickness

Standard: 1¾".
Optional: 2" and 2¼"; see How to Order, page 23.

Backset

2¾".

Stile

Minimum width 5".

Projection

4¾"; 3⅞" depressed.

Latchbolt

Brass, ¾" throw.

Auxiliary Latchbolt

Brass.

Latch Hold-Back

Standard on ED7600 devices with keyed function trim; latchbolt may be held in retracted position by pushing in latchbolt and turning key.

Optional: less latch hold-back; see How to Order, page 23.

Latch hold-back not available on ED7600A devices.

Front

Heavy gauge steel, 8" x 1¼".
Accommodates flat doors and doors beveled ⅛" in 2".

Materials

Brass, bronze or stainless steel.

Cases

Heavy cast, 7½" x 1¼".

Crossbar

Standard: 1⅝" x 1⅝" oval seamless tubing.
Optional: reinforced crossbar and stainless steel crossbar; see How to Order, page 23.

Dogging

Standard on ED7600 devices.
Optional: less dogging; see How to Order, page 23.

Dogging not available on ED7600A devices.

Fasteners

Standard on ED7600 devices: machine screws.

Optional on ED7600 devices: sex nuts and bolts; see How to Order, page 23.

Standard on ED7600A devices: sex nuts and bolts.

Optional on ED7600 and ED7600A devices: spanner head screws; see How to Order, page 23.

Strike

See Options and Accessories, page 20.

Trims and Functions

Throughbolted lever, knob and thumbpiece trims available with a wide range of functions; see Trims and Functions, page 14.

Cylinders

Brass, 6-pin, LA keyway, 0-bitted standard.
Optional cylinders available; see How to Order, page 23.

Keys

Two nickel silver standard.

Applications and Listings

See page 3.

Warranty

Three-year limited.

Certification/Compliance

ANSI

Meets A156.3, Grade 1.
Meets A117.1 Accessibility Code.

UL / ULC

All exit devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. UL symbol on active head indicates listing.

3 hour fire rated devices listed as fire exit hardware for A label and lesser class 4' x 7'2" single doors. UL symbol on active head indicates listing.

California State Reference Code

(Formerly Title 19, California State Fire Marshal Standard)

Levers with returns comply.

NFPA

All exit devices comply with NFPA 101 Life Safety Code. Fire rated devices comply with NFPA 80 Fire Doors and Windows.

ADA

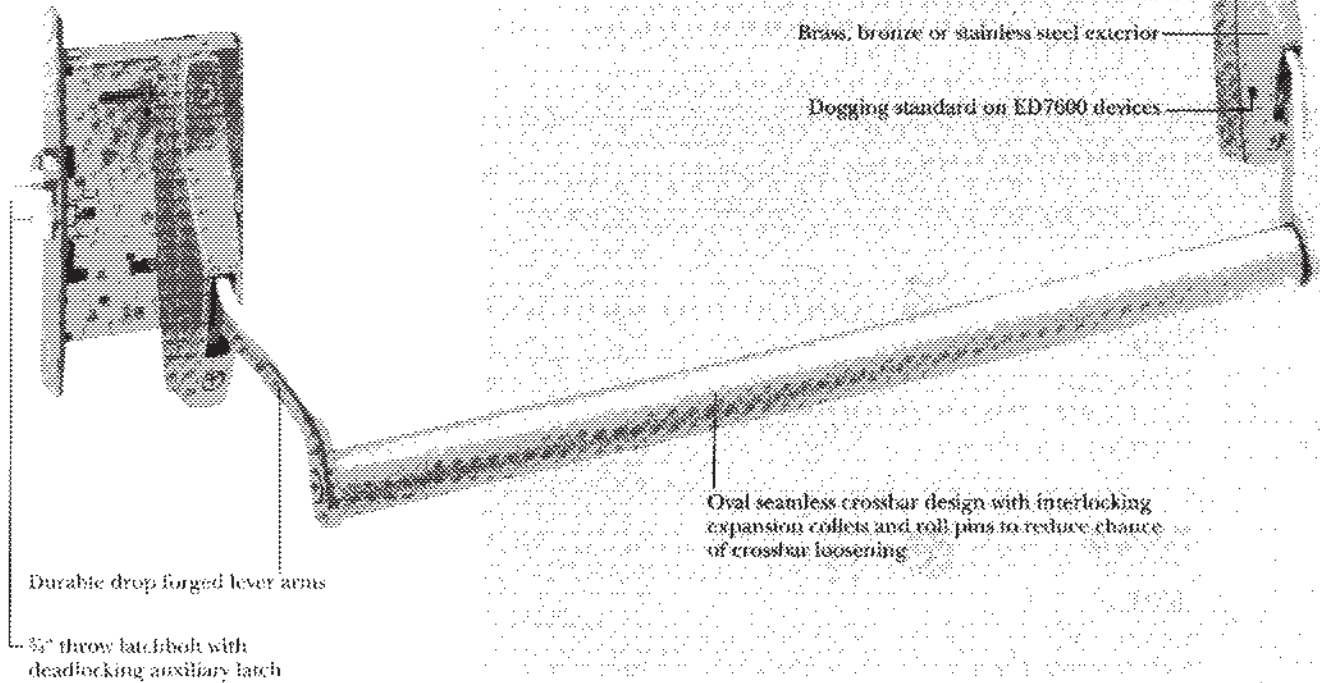
Exit devices and lever trims comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 622	Flat Black Coated
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

Narrow Stile Crossbar Exit Devices ED7600 Series


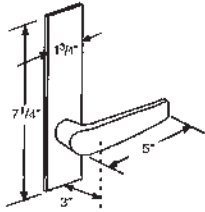
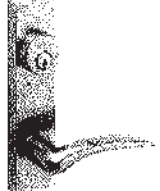
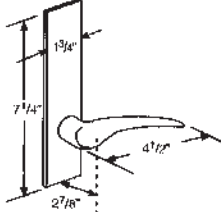

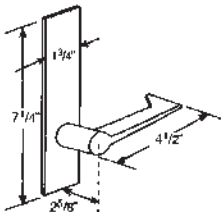
ED7600 and ED7600A Mortise Exit Devices




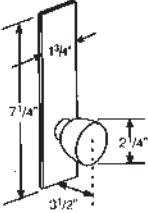

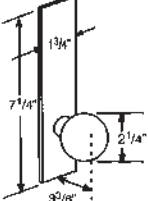

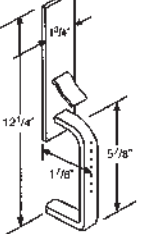

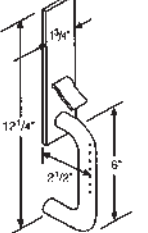
Mortise Trims and Functions

Narrow Stile Crossbar Exit Devices ED7600 Series

Mortise Exit Device	ANSI Type	Type	ANSI No.	Function Description
ED7600	10	Exit Only	01	- Exit only; no trim. (Accepts all trims listed on pages 14 and 15.)
ED7600A	10	Exit Only	01	- 3 hour fire rated exit only; no trim. (Accepts all trims listed on pages 14 and 15.)
For Passage, Dummy, Classroom and Nightlatch functions, see Trim Designs below and on page 15.		Passage	—	- Free at all times.
		Dummy	02	- Always rigid.
		Classroom	05/08	- Free at all times, except when locked by key.
		Nightlatch	03/04/06/09	- Always rigid. Key removable only when locked.

Lever Trim Design	Trim/Function			
	Passage	Dummy ANSI No. 02	Classroom ANSI No. 05/08	Nightlatch ANSI No. 03/04/06/09
 <p>Citation C4M Lever: Cast Escutcheon: Cast Cylinder: 1½" mortise</p> 	C4M10	N/A	C4M55	N/A
 <p>Dirke D4M Lever: Cast Escutcheon: Cast Cylinder: 1½" mortise</p> 	D4M10	N/A	D4M55	N/A
 <p>Essex E4M Lever: Cast Escutcheon: Cast Cylinder: 1½" mortise</p> 	E4M10	N/A	E4M55	N/A

Narrow Stile Crossbar Exit Devices ED7600 Series

Knob or Thumbpiece Trim Design	Trim/Function			
	Passage	Dummy ANSI No. 02	Classroom ANSI No. 05/08	Nightlatch ANSI No. 03/04/06/09
 <p>Belmont B5M Knob: Wrought reinforced Escutcheon: Cast Cylinder: 1½" mortise</p> 	B5M10	B5M50	B5M55	N/A
 <p>Global G6M Knob: Wrought reinforced Escutcheon: Cast Cylinder: 1½" mortise</p> 	G6M10	G6M50	G6M55	N/A
 <p>D Grip T11M Grip: Extruded Escutcheon: Cast Cylinder: Mortise</p> 	T11M10	T11M50	T11M55	T11M57
 <p>Round Grip T12M Grip: Extruded Escutcheon: Cast Cylinder: Mortise</p> 	T12M10	T12M50	T12M55	T12M57

Narrow Stile Crossbar Exit Devices ED7800 Series

ED7800 Panic Listed Concealed Vertical Rod Exit Device ED7800A 3 Hour Fire Rated Concealed Vertical Rod Exit Device



Features

Handing

Field reversible; specify hand.

Bar Length

Easily field cut to size.

Standard 36" bar fit doors up to 36".

Optional 48" bar fits 36½"-48" doors; see How to Order, page 23.

Door Thickness

1¾" only (requires properly reinforced door).

Backset

1¾" on single door with ¾" stop. 1" on pair of doors.

Stile

Minimum width: 2½" on single door; 1¾" on pair of doors.

Door Height

All top rods easily field cut to size.

Standard on ED7800 devices: top rod for doors up to 8'6".

Optional on ED7800 devices: top rod for doors up to 10'8"; see How to Order, page 23.

Standard on ED7800A devices: top rod for 7'2" doors.

Projection

4¾": 3¾" depressed.

Latchbolts

Top: ¾" throw pivoted and deadlocking.
Bottom: 1¾" throw rounded steel.

Vertical Rods

Top: ¾" solid steel.

Bottom: ½" O.D. steel tubing.

Materials

Brass, bronze or stainless steel.

Cases

Heavy cast, 7½" x 1¼".

Crossbar

Standard: 1½" x 1¾" oval seamless tubing.

Optional: reinforced crossbar and stainless steel crossbar; see How to Order, page 23.

Dogging

Standard on ED7800 devices.

Optional: less dogging; see How to Order, page 23.

Dogging not available on ED7800A devices.

Fasteners

Standard on ED7800 devices: machine screws.

Optional on ED7800 devices: sex nuts and bolts; see How to Order, page 23.

Standard on ED7800A devices: sex nuts and bolts.

Optional on ED7800 and ED7800A devices: spanner head screws; see How to Order, page 23.

Strikes

See Options and Accessories, page 20.

Trim and Function

Operator trim available with nightlatch function; see Trim and Function, page 18.

Cylinders

Brass, 6-pin, L4 keyway, 0-bitted standard. Optional cylinders available; see How to Order, page 23.

Keys

Two nickel silver standard.

Applications and Listings

See page 3.

Warranty

Three-year limited.

Certification/Compliance

ANSI

Meets A156.3, Grade 1.

Meets A117.1 Accessibility Code.

UL / ULC

All exit devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. UL symbol on active head indicates listing.

3 hour fire rated devices listed as fire exit hardware for A label and lesser class 4' x 7'2" single and 8' x 7'2" double doors. UL symbol on active head indicates listing.

NFPA

All exit devices comply with NFPA 101 Life Safety Code. Fire rated devices comply with NFPA 80 Fire Doors and Windows.

ADA

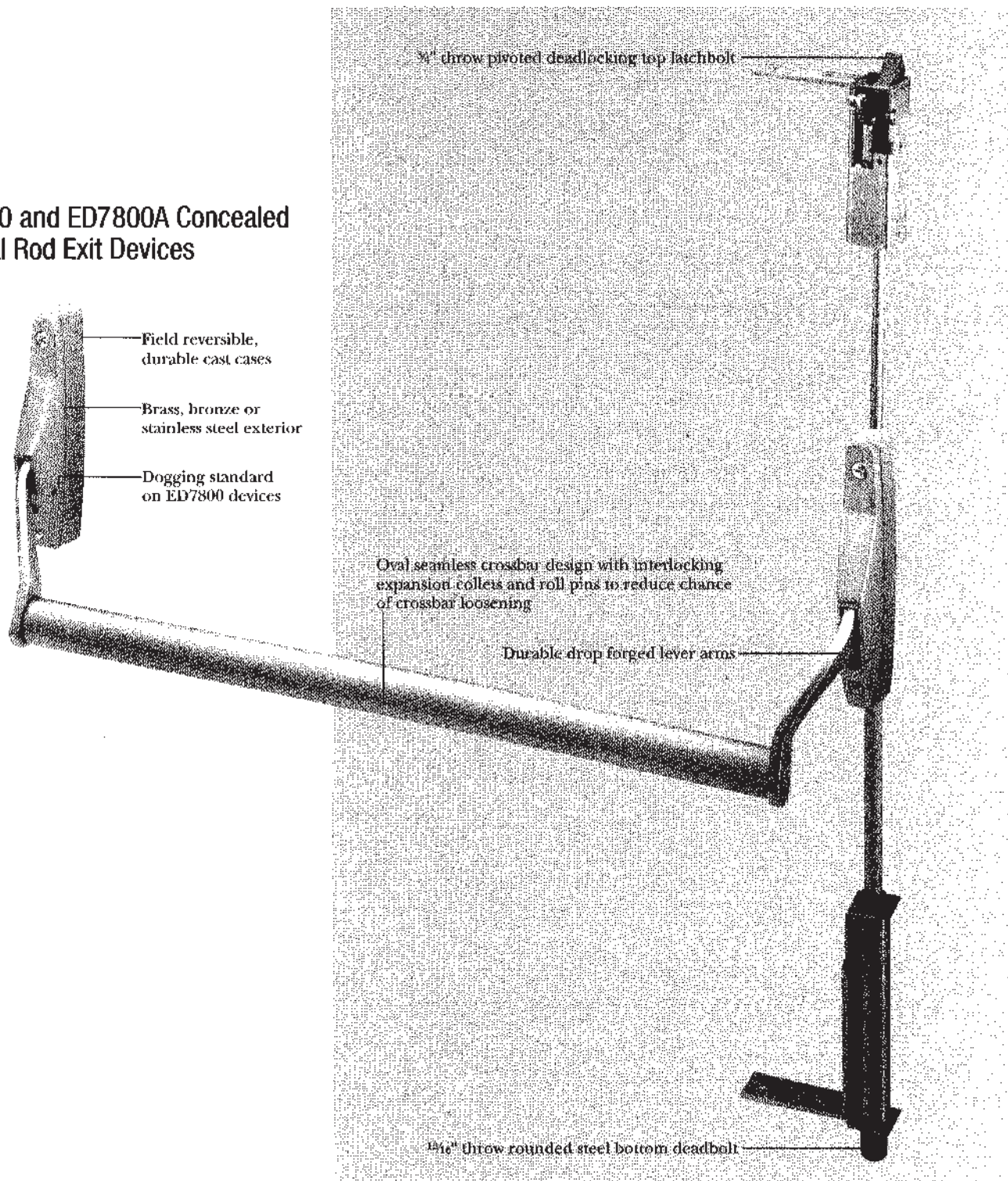
Exit devices comply with Americans with Disabilities Act.

Finishes

BHMA 605	Bright Brass
BHMA 606	Satin Brass
BHMA 611	Bright Bronze
BHMA 612	Satin Bronze
BHMA 613	Dark Oxidized Satin Bronze, oil rubbed
BHMA 622	Flat Black Coated
BHMA 625	Bright Chromium Plated
BHMA 626	Satin Chromium Plated
BHMA 629	Bright Stainless Steel
BHMA 630	Satin Stainless Steel

Narrow Stile Crossbar Exit Devices ED7800 Series


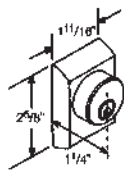
ED7800 and ED7800A Concealed Vertical Rod Exit Devices



Concealed Vertical Rod Trim and Function

Narrow Stile Crossbar Exit Devices ED7800 Series

Concealed Vertical Rod Exit Device	ANSI Type	Type	ANSI No.	Function Description
ED7800	6	Exit Only	01	- Exit only; no trim. (Accepts 05 operator trim.)
ED7800A	6	Exit Only	01	- 3 hour fire rated exit only; no trim.
For Nightlatch function, see Trim Design below.		Nightlatch	09	- Always rigid. Key removable only when locked.

Operator Trim Design		Trim/Function Nightlatch ANSI No. 09
 <p>Operator 05 Escutcheon: Cast Cylinder: Special mortise</p>		0557

Narrow Stile Crossbar Exit Devices ED7000 Series

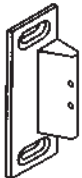
Rim Strikes

(Screws included)



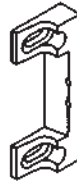
Open Rim Strike

Standard on ED7200 devices. 3¼" x 1½". Includes nylon anti-friction inserts for quieter operation. To order separately, specify 145F56.



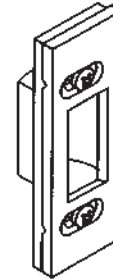
Rim Strike

Optional on ED7200 devices. Includes nylon anti-friction inserts for quieter operation. 3¼" x 1½", for doors with ¾" or ½" stop. To order with exit device, specify option S07. To order separately, specify 145F55. To order with ¼" shim for door with ½" stop, specify 145F55 x 184F82.



Rim Strike for Aluminum Frame with Blade Stop

Optional on ED7200 devices. Blade strike with wear plate. Includes nylon anti-friction inserts for quieter operation. To order with exit device, specify option S08. To order separately, specify 300F71 strike packet. Packet includes wear plate 213F05-7 and ¼" shim 184F82 for door with ½" stop.



Mortised Adjustable Rim Strike

Optional on ED7200 devices; adjustable to compensate for shrinkage and swelling of door. 3¼" x 1½". To order with exit device, specify option S04. To order separately, specify 142F43.

Vertical Rod Strikes

(Screws included)



Top Strike

Standard on ED7400 devices. 1½" x 1¾" with ¼" projection. To order separately, specify 446F21.



Bottom Strike

Standard on ED7400 devices. 2¼" x 1" with ¼" projection. To order separately, specify packet 446F22.

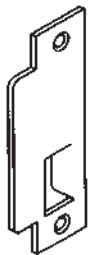


Flush Bottom Strike

Optional on ED7400 devices. To order with exit device, specify option S03. To order separately, specify 361F91.

Narrow Stile Crossbar Exit Devices ED7000 Series

Mortise Strikes

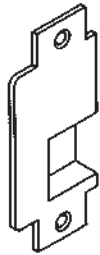


Mortise Strike

Standard on ED7600 and ED7600A devices. Heavy gauge steel, nylon coated; stainless steel standard for stainless steel devices. 4 $\frac{3}{8}$ " x 1 $\frac{1}{4}$ " x 1 $\frac{1}{8}$ " lip to center standard; specify other lip lengths from 1 $\frac{1}{4}$ " to 3".

To order separately, specify Part No.

Description	Hand	Part No.
Heavy gauge steel	LHR	405L13
	RHR	405L14
Stainless steel	LHR	240L50
	RHR	240L51



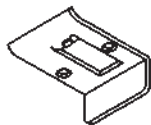
Open Back Strike

(Screws included)
Optional for use with ED7400 x ED7600 devices on pair of doors. To order with exit device, see How to Order, page 23. To order separately, specify Part No. x Door Thickness x Finish.

Hand	Door Thickness	Part No.
LHR	1 $\frac{3}{4}$ ", 2", 2 $\frac{1}{4}$ "	411L62
RHR	1 $\frac{3}{4}$ ", 2", 2 $\frac{1}{4}$ "	411L63

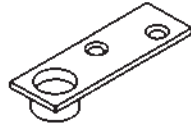
Concealed Vertical Rod Strikes

(Screws included)



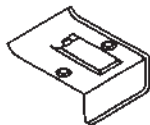
Top Strike

Standard on ED7800 devices. To order separately, specify 503F55.



Bottom Strike

Standard on ED7800 and ED7800A devices. To order separately, specify: 503F52 for ED7800 devices; 503F53 for ED7800A devices (includes stainless steel screws).



3 Hour Fire Rated Top Strike

Standard on ED7800A devices. To order separately, specify 503F56.

Narrow Stile Crossbar Exit Devices ED7000 Series

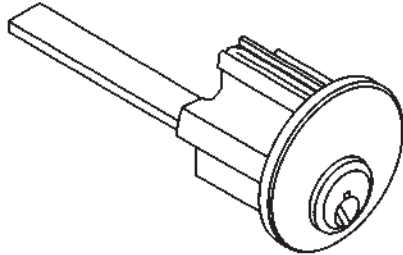
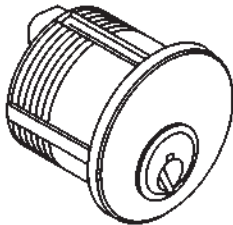
Cylinders

L4 keyway standard; specify other keyways.

Collar not included.

To order with Exit Device, see How to Order, page 23.

To order separately, specify Part No. x Keyway x Finish (e.g., 3000-200-7 x L4 x 605).

Cylinder Type	Part No.	Description
	3000-200	6-pin, horizontal tailpiece
	3000-200-7	7-pin, horizontal tailpiece
	3010-200	6-pin, horizontal tailpiece, high security
	3012-178	6-pin, blockout function, high security
	3070-178	6-pin, interchangeable core (IC) less core
	3070-178-7	7-pin, IC less core
	3080-178	6-pin, IC
	3080-178-7	7-pin, IC
	3090-178	6-pin, high security IC
	Rim	
	1000-118-A02	6-pin, 1 1/8" straight cam
	1000-114-A02-7	7-pin, 1 1/8" straight cam
	1010-118-A02	6-pin, 1 1/8" high security straight cam
	1012-114-A02	6-pin, 1 1/8" high security with blockout
	1070-114-A02	6-pin, 1 1/8" IC less core
	1080-114-A02	6-pin, 1 1/8" IC straight cam
	1090-114-A02	6-pin, 1 1/8" IC high security straight cam
	1000-118-A91	6-pin, 1 1/8" (for O2 and O3 trims only)
	1000-114-A91-7	7-pin, 1 1/8" (for O2 and O3 trims only)
	1000-138-A01	6-pin, 1 3/8"
	1000-138-A01-7	7-pin, 1 3/8"
	1010-138-A01	6-pin, 1 3/8" high security
	1070-138-A01	6-pin, 1 3/8" IC less core
	1080-138-A01	6-pin, 1 3/8" IC
	1090-138-A01	6-pin, 1 3/8" IC high security
	1000-112-A02	6-pin, 1 1/2" straight cam (for B4M, C4M and E4M trims only)
	1000-112-A02-7	7-pin, 1 1/2" straight cam (for B4M, C4M and E4M trims only)
	1010-112-A02	6-pin, 1 1/2" high security straight cam (for B4M, C4M and E4M trims only)
	1080-112-A02	6-pin, 1 1/2" IC straight cam (for B4M, C4M and E4M trims only)
	1080-112-A02-7	7-pin, 1 1/2" IC straight cam (for B4M, C4M and E4M trims only)
1090-112-A02	6-pin, 1 1/2" IC high security straight cam (for B4M, C4M and E4M trims only)	
Mortise		

Narrow Stile Crossbar Exit Devices ED7000 Series

Ordering Examples

Rim Exit Device

Quantity	Exit Device	Finish	Hand	Misc. Options
36	ED7200	606	RHR	M51-M54

Removable Mullion

Quantity	Mullion
12	507

Rim Exit Device with Trim

Quantity	Exit Device	Trim/Function	Finish	Hand	Door Thickness	Optional Strike	Door Width	Misc. Options
23	ED7200	P457	630	LHR	D214	S08	W048	M53

Trim Only (For Rim Exit Device)

Quantity	Trim/Function	Finish	Hand
15	P657	630	LHR

Contract/Detailed Order – Rim Exit Device with Trim

Quantity	Keyset	Exit Device	Trim/Function	Finish	Hand	Door Thickness	Door Width	Misc. Options	Optional Cylinder	Keying
32	AA1	ED7200	P557	625	LHR	D200	W048	M54	C6	VKC3

Where to find ordering information and quick codes

Trims and Functions	
Rim	Pages 4-7
Vertical Rod	Pages 8-11
Mortise	Pages 12-15
Concealed Vertical Rod	Pages 16-18
Removable Mullion	Page 22
Finish	Page 23
Handing	Page 23
Door Thickness	Page 23
Strike	Page 23
Door Width	Page 23
Door Height	Page 23
Miscellaneous Options	Page 23
Cylinder and Keying	Page 23

Narrow Stile Crossbar Exit Devices ED7000 Series Quick Codes

Cylinder and Keying

Description	Specify
Conventional 6-pin	(standard)
Conventional 7-pin	7P
Less cylinder(s)	LC
High security	HS
High security interchangeable core (IC)	CHS
IC 6-pin	C6
IC 6-pin with temporary construction core	CT6
IC 6-pin less core	CL6
IC 7-pin (rim only)	C7
IC 7-pin with temporary construction core	CT7
IC 7-pin less core (rim only)	CL7
Master ring (ED7400 only)	MR
Blockout function	BO
0-bitted with 2 blank keys	(standard)
Keyed random	KR
Construction master keyed	CMK
Visual key control (VKC)	
- Keys only	VKC1
- Cylinders and keys (not available with HS or CHS)	VKC2
- Cylinders only (not available with HS or CHS)	VKC3
Concealed key control (CKC)	
- CKC cylinders with VKC keys	CKC2
- CKC cylinders only	CKC3
2 keys per lock	(standard)
More than 2 keys	KY# (e.g., KY3)

Handing

Hand	Specify
Right Hand Reverse	RHR
Left Hand Reverse	LHR

Finish

Description	Specify
US3 Bright Brass	605
US4 Satin Brass	606
US9 Bright Bronze	611
US10 Satin Bronze	612
US10B Dark Oxidized Satin Bronze, oil rubbed	613
US19 Flat Black Coated	622
US26 Bright Chromium Plated	625
US26D Satin Chromium Plated	626
US32 Bright Stainless Steel	629
US32D Satin Stainless Steel	630

Strike

Description	Specify
Rim	
Open rim (ED7200 devices)	(standard)
Rim For aluminum frame with blade stop	S07
Mortised adjustable	S08 S04
Vertical rod	
Top (ED7400 devices)	(standard)
Surface projecting bottom (ED7400 devices)	(standard)
Flush bottom (ED7400 devices only)	S03
Concealed vertical rod	
Top (ED7800 devices)	(standard)
3 hour fire rated top (ED7800A devices)	(standard)
Bottom (ED7800 and ED7800A devices)	(standard)
Mortise	
ANSI strike	(standard)
Open back	
1 3/4" door thickness	SB134
2" door thickness	SB200
2 1/4" door thickness	SB214

Door Thickness

Door Thickness	Specify
1 3/4"	(standard)
2" (except ED7800)	D200
2 1/4" (except ED7800)	D214

Door Width

Door Width	Specify
36"	(standard)
48"	W048

Door Height

Door Height	Specify
7'6" (ED7400 devices)	(standard)
7'2" (ED7400A and ED7800A devices)	(standard)
10'0" (ED7400 devices only)	H1000
10'8" (ED7800 devices only)	H1008

Miscellaneous Options

Description	Specify
Spanner head screws	M02
ANSI wrought strike box	M17
Knurling outside and inside (trim and device; not available with M50)	M20
Knurling outside only (trim side)	M21
Knurling inside only (device side; not available with M50)	M22
Abrasive coat outside and inside (trim and device)	M23
Abrasive coat inside only (device side)	M24
Abrasive coat outside only (trim side)	M25
Stainless steel crossbar (not available with M20 or M22)	M50
Less dogging	M51
Steel reinforced crossbar	M53
Sex nuts and bolts (SNBs)	M54
Less bottom vertical rod	M55
Shim for 2 3/4" backset on doors with 1/2" stop (rim devices only)	M59
Less latch hold-back (ED7200 and ED7600 devices only)	M66

Narrow Stile Crossbar Exit Devices ED7000 Series

Abrasive Coat

Hard granular material applied to a knob or lever to provide a non-slip tactile surface for the visually impaired.

Active Door

In a pair of doors, the door that is operable from the trim side.

Astragal

A vertical member applied to one or both sides of a pair of doors at the meeting edges. The astragal closes the gap between the two doors.

Coordinator

A device used on a pair of doors to ensure that the inactive door closes before the active door.

Deadlocking Latch

A supplemental latch that automatically deadlocks the latchbolt when pressure is applied to it.

Dogging

A mechanism that allows the latchbolt to remain retracted, permitting the door to operate as if it were a push-pull. It cannot be used on fire rated exit devices.

Double Egress

A pair of doors of the same hand that swing in opposite directions, commonly found in corridors.

Dummy Trim

Trim only, without a lock. Usually used on the inactive door of a pair of doors.

Exit Device (Panic Hardware)

A door locking device with a pushbar or crossbar which, when pressed, allows instant exit (egress).

Fire Exit Hardware

An exit device listed by an independent testing laboratory as meeting panic, fire and hose stream test standards; used on fire rated openings.

Hand

The direction a door swings.

Inactive Door

In a pair of doors, the door that is inoperable from the trim side.

Latchbolt

A lock component that has a beveled end and projects into a strike, holding a door in a closed position.

Mullion

A fixed or removable vertical member that divides a door opening and provides a latch surface for a pair of rim exit devices.

Narrow Stile Door

Usually a door having a stile of less than 2 $\frac{3}{4}$ " wide, commonly seen on aluminum or glass front applications.

Open Back Strike

For mortise exit devices, used on the inactive door (usually the vertical rod door) of a pair of doors that swing in the same direction. It permits the inactive door to open or close independently.

Reversible

Pertains to a product that may be changed in the field to accommodate any hand of the door.

Shim Kit

Pieces of metal that permit mounting of an exit device on a door that has a surface projecting vision light (glass bead) moulding.

Split Astragal

An astragal that is split through the middle on a pair of doors, allowing both doors to operate independently.

Threshold

A strip fastened to the floor beneath a door. It serves as a stop, prevents heat loss, and provides a strike location for latching the bottom rod of a vertical rod exit device.

Trim

Knob, lever, pull, or thumbpiece used on the outside of an exit device door to control access to an area.

Universal Exit Device

An exit device that may be used on doors of either hand without any modifications.

Keying and Cylinder Terms

Blockout Cylinder

A cylinder which allows all keys to be temporarily blocked from operating. It is set by a blockout key.

Concealed Key Control (CKC)

The marking of standard key symbols on a cylinder in a location which is not visible once the cylinder is installed.

Construction Master Keying (CMK)

A cylinder preparation which allows temporary access by construction personnel.

Control Key

A key used to remove and install interchangeable cores.

Cylinder

A lock component containing the combination which determines which keys will operate.

Flex Head Cylinder

A cylinder with built-in adjustment for minor variations in door and trim thickness.

High Security Cylinder

A cylinder which provides extra resistance to picking and unauthorized duplication of keys.

Interchangeable Core (IC)

A cylinder which can be removed and installed quickly with a control key by non-skilled personnel when rekeying is required.

Key Symbol

A letter/number combination in standard industry format (e.g., 1AA, AA1, etc.) which indicates exactly how a key or cylinder fits into a keying system.

Keyway

The opening in a cylinder plug through which the key enters.

Master Keying

Preparation of a cylinder to operate with keys of different levels of access.

Master Ring Cylinder

A cylinder which offers a wider range of keying.

Visual Key Control (VKC)

The marking of standard key symbols on keys and on the visible portion of the front of a cylinder.

Narrow Stile Crossbar Exit Devices ED7000 Series

Suggested Specification

All exit devices shall be ED7000 Series Narrow Stile Crossbar Exit Devices as manufactured by Corbin Russwin Architectural Hardware, Berlin, Connecticut, USA.

The maximum exit device projection shall be 4 $\frac{3}{4}$ " and 3 $\frac{1}{4}$ " when crossbar is depressed. Exit devices shall have matched twin cases mounted with concealed fastening screws, and shall be constructed of brass, bronze or stainless steel. Non-matched twin cases shall not be acceptable. Crossbar lever arms shall be drop forged. Devices shall be field reversible.

Crossbars shall be oval shaped and shall be a minimum of .065" thick. Crossbars shall interlock into the lever arms by expansion collets and interlocking roll pins. Crossbars attached with rivets shall not be acceptable. Reinforced crossbars and stainless steel crossbars shall be available. All exit devices shall be easily field sized to accommodate various door widths.

Panic listed exit devices shall have dogging standard. Dogging screws shall seat into heat-treated pivots for long life and minimum wear. Panic listed devices shall be available less dogging.

All devices shall be listed by Underwriters Laboratories (UL) for safety as panic hardware. Fire rated devices shall be UL listed for A label and lesser class doors, 4' x 7'2" single and 8' x 7'2" pair.

All exit devices shall have ample allowances for easy alignment.

Trims shall be throughbolted with concealed fasteners. Escutcheon, rose and pull trims shall be constructed of brass, bronze or stainless steel. All lever trims shall use cast levers. Wrought levers shall not be acceptable. Lever trims shall match those on Corbin Russwin Mortise and Cylindrical Locksets.

All devices and trim shall be furnished in architectural finishes and shall match the trims and finishes on corresponding locksets.

Certification:
Federal Specification FF-H-1820
ANSI A156.3 Grade 1

All devices, trims, and cylinders shall be from one manufacturer.

All devices and trims shall carry a three-year limited warranty.

Narrow Stile Crossbar Exit Devices ED7000 Series

Narrow Stile Crossbar Exit Devices ED7000 Series



605 Bright Brass (US3)



606 Satin Brass (US4)



611 Bright Bronze (US9)



612 Satin Bronze (US10)



613 Dark Oxidized Satin Bronze,
oil rubbed (US10B)



622 Flat Black Coated (US19)



625 Bright Chromium Plated
(US26)



626 Satin Chromium Plated
(US26D)



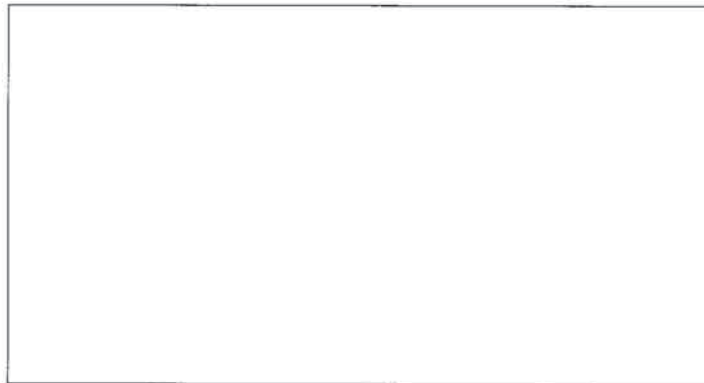
629 Bright Stainless Steel (US32)



630 Satin Stainless Steel (US32D)

Note: Printed color may vary slightly from actual finish.

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



In U.S.:
Corbin Russwin Architectural Hardware
P.O. Box 25288
Charlotte, NC 28229-8010 USA
Phone 704-283-2101 Fax 704-289-2875

In Canada:
Corbin Russwin Canada
3160 Orlando Drive
Mississauga, ONT L4V 1R5
Phone 800-461-3007 / 905-672-6220
Fax 800-461-8989 / 905-672-9022



Pushpad Exit Devices

ED8000 Series



An ASSA ABLOY Group company

ASSA ABLOY

ED8000 Series

Applications

Heavy-duty steel construction and Grade 1 performance, priced for outstanding value. Meets rigorous life safety and security requirements, while offering pleasing aesthetics and trouble-free operation. Designed for high-use, high-abuse situations, ED8000 Pushpad Exit Devices can be teamed with a variety of Corbin Ruswin trims to provide desired functions, styles and finishes in new construction and renovations, including these settings:

- School and University
- Health Care
- Government and Public
- Commercial and Industrial
- Office and Retail
- Transportation and Utilities
- Hotels and Conference Centers
- Religious

Advantages

- Meets ANSI Grade 1 requirements
- Easy-to-use pushpad for quick egress and ADA compliance
- Heavy-duty steel construction
- 3/4" latchbolt standard on rim device
- Low profile and projection for barrier-free code compliance
- No projecting parts to inhibit egress
- Devices accommodate various trim functions for flexibility
- Wide range of trim styles and finishes to match other Corbin Ruswin products
- One-point dogging standard on panic-listed devices
- Devices available to satisfy C-UL US safety and fire requirements



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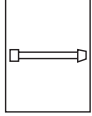
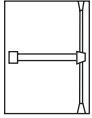
This catalog can be found on the Internet at the Corbin Ruswin website at: www.corbinruswin.com

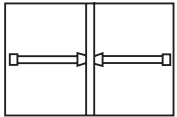
ED8000 Series Pushpad Exit Devices

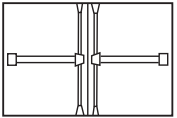
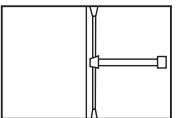
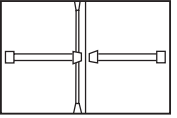
Applications and Listings

WHI Listed by Warnock Hersey International Inc., as fire exit hardware.

C-UL US Listed by Underwriters Laboratories Inc., as fire exit hardware.

Single Door	Listing	Maximum Opening	Application	
Rim ED8200 ED8200B ED8200A	Panic 1-1/2 Hr. WHI 3 Hr. UL	4' x 10'* 4' x 8' 4' x 8'	Surface applied; single point latching.	
Surface Vertical Rod ED8400	Panic	4' x 10'	Surface applied; two point latching.	

Pair of Doors with Removable Mullion	Listing	Maximum Opening	Application	
Rim x Rim ED8200 x ED8200 x 510/710 ED8200B x ED8200B x 508/708A ED8200A x ED8200A x 508/708A	Panic 1-1/2 Hr. WHI 3 Hr. UL	8' x 10' 8' x 8' 8' x 8'	2 independent active doors with removable mullion.	

Pair of Doors	Listing	Maximum Opening	Application	
Surface Vertical Rod x Surface Vertical Rod ED8400 x ED8400 ED8400A x ED8400A	Panic 1-1/2 Hr. UL	8' x 10' 8' x 8'	2 independent doors with 2 point latching, swinging in the same direction. Overlapping astragal may not be required.	
Surface Vertical Rod x Surface Vertical Rod (Double Egress) ED8400 x ED8400 ED8400A x ED8400A	Panic 3 Hr. UL	8' x 10' 8' x 8'	2 independent doors with 2 point latching, swinging in opposite directions. Overlapping astragal required for 3-hour openings.	
Surface Vertical Rod x Rim ED8400 x ED8200 x S02	Panic	8' x 10'	S02 strike required on inactive door; coordinator recommended.	

Note: All ED8000 Series Pushpad Exit Devices are UL305 panic listed.

*UL does not set a door height limitation on panic applications.

ED8200 Panic Listed Rim Exit Device
ED8200B 1-1/2 Hour Fire Listed Rim Exit Device
ED8200A 3-Hour Fire Listed Rim Exit Device



Features

Handing

Non-handed.

Bar Length

Easily field cut to size.

Standard: 36" bar fits 31" - 36" (787mm-914mm) door.

Optional: 30" bar fits 28" - 30" (711mm-762mm) door; specify W030.

Optional: 42" bar fits 37" - 42" (940mm-1067mm) door; specify W042.

Optional: 48" bar fits 43" - 48" (1092mm-1219mm) door; specify W048.

Door Thickness

1-3/4" (44mm) standard.

Optional: 2" (51mm); specify D200.

Optional: 2-1/4" (57mm); specify D214.

Backset

2-3/4" (70mm). Device and trim cover standard ANSI A115.2 (Type 161) cylindrical lock preparation. (Backset changes when mullion is used.)

Stile

Minimum width 5" (127mm).

Projection

2-1/2" (64mm) low profile for barrier-free access.

Latchbolt

3/4" (19mm) stainless steel pullman-type with stainless steel deadlocking latch.

Materials

Heavy-duty wrought steel chassis and pushpad; aluminum front and rear bar covers; stainless steel springs; nylon bearings.

Dogging

Standard on ED8200 devices: single point 1/4 turn dogging.

Optional: less dogging; specify M51.

Dogging not available on ED8200A and ED8200B devices.

Fasteners

Standard on ED8200 devices: machine screws and wood door fasteners.

Optional on ED8200 devices: sex nuts and bolts; specify M54.

Standard on ED8200A and ED8200B devices: sex nuts and bolts.

Strike

See Options and Accessories, page 11.

Functions and Trims

Thru-bolted lever, pull and knob trims available with wide range of functions; see Trims and Functions, pages 8-10.

Cylinders

Cylinder not included unless specified.

See Quick Codes, page 16.

Removable Mullion

See Mullions, page 13.

Shim Kit

Optional for mounting device over glass bead vision light; specify M58.

Applications and Listings

See page 3.

Exit Alarm

Optional on ED8200 and ED8200B devices, with and without delay feature. See

Electrified Options, page 14, or Quick Codes, page 16.

Warranty

One-year limited.

Certification/Compliance

ANSI

Meets A156.3, Type 1, Grade 1.

Meets A117.1 Accessibility Code.

C-UL US

All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. UL symbol on rear cover label indicates listing. Three-hour fire-rated devices listed as fire exit hardware for A label and lesser class 4' x 8' single or 8' x 8' double doors; UL symbol on rear cover label indicates listing.

Warnock Hersey International Inc.

ED8200B listed as fire exit hardware for installation on up to 1-1/2 hour fire doors, up to 8' x 8'.

California State Reference Code

This product has been approved by the California State Fire Marshal (CSFM) pursuant to Section 13144.1 of the California Health and Safety Code.

NFPA

All exit devices comply with NFPA 101 Life Safety Code. All fire-rated devices comply with NFPA 80 Fire Doors and Windows.

ADA

Exit devices, lever trims and pulls comply with Americans with Disabilities Act.

Finishes

Painted finishes available on devices and some trims.

BHMA 689 Silver Aluminum Painted

BHMA 690 Dark Bronze Painted

BHMA 691 Light Bronze Painted

Plated finishes available on trims only.

BHMA 605 Bright Brass

BHMA 606 Satin Brass

BHMA 611 Bright Bronze

BHMA 612 Satin Bronze

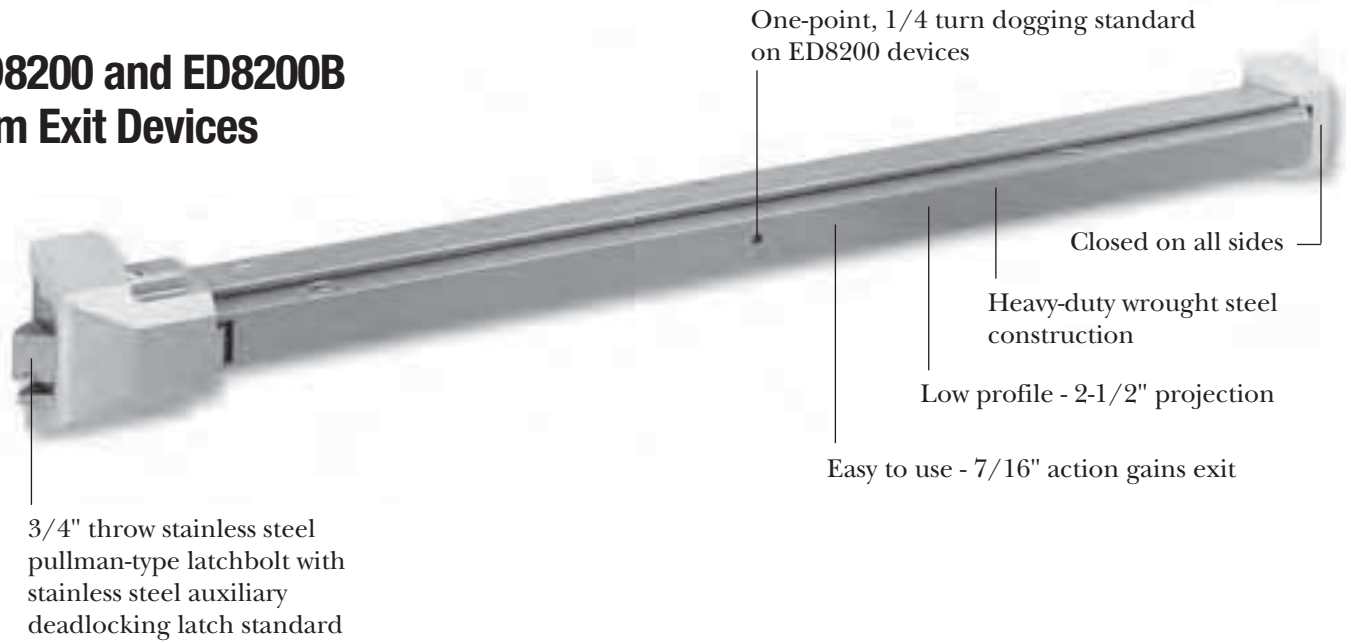
BHMA 613 Dark Oxidized Satin Bronze, Oil Rubbed

BHMA 622 Flat Black Coated

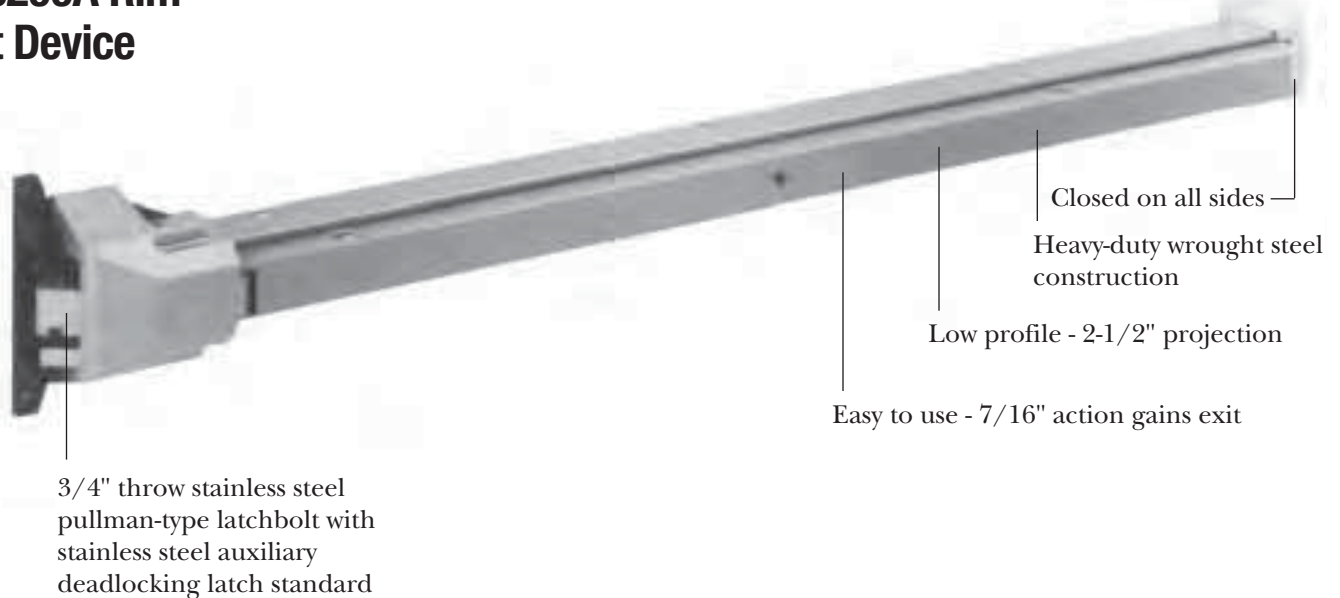
BHMA 625 Bright Chromium Plated

BHMA 626 Satin Chromium Plated

**ED8200 and ED8200B
Rim Exit Devices**



**ED8200A Rim
Exit Device**



ED8400 Panic Listed Surface Vertical Rod Exit Device

ED8400A 3-Hour Fire Listed Surface Vertical Rod Exit Device

Features

Handing

Handed; specify hand.

Bar Length

Easily field cut to size.

Standard: 36" bar fits 31" - 36"
(787mm-914mm) door.

Optional: 30" bar fits 28" - 30"
(711mm-762mm) door; specify W030.

Optional: 42" bar fits 37" - 42"
(940mm-1067mm) door; specify W042.

Optional: 48" bar fits 43" - 48"
(1092mm-1219mm) door; specify W048.

Door Thickness

1-3/4" (44mm) standard.

Optional: 2" (51mm); specify D200.

Optional: 2-1/4" (57mm); specify D214.

Backset

2-3/4" (70mm). Device and trim cover standard ANSI A115.2 (Type 161) cylindrical lock preparation.

Stile

Minimum width 5" (127mm).

Door Height

All top rods easily field cut to size.

Standard on ED8400 devices: top rod for 7'6" door.

Optional on ED8400 devices: top rod for doors up to 10'; specify H1000.

Standard on ED8400A devices: top rod for 8' door.

Projection

2-1/2" (64mm) low profile for barrier-free access.

Latchbolts

ED8400 devices:

Top: 1/2" interlocking drop latch.

Bottom: 5/8" pivoted.

ED8400A devices:

Top: 3/4" (19mm) steel pullman type with steel deadlocking latch. Bottom: 3/4" (19mm) deadbolt.

Vertical Rods

Inverted U-shaped rectangular.

Materials

Heavy-duty wrought steel chassis and pushpad; steel vertical rods; aluminum bar and latch covers; stainless steel springs; nylon bearings.

Dogging

Standard on ED8400 devices: single point 1/4 turn dogging.

Optional: less dogging; specify M51.

Dogging not available on ED8400A devices.

Fasteners

Standard on ED8400 devices: machine screws and wood door fasteners.

Optional on ED8400 devices: sex nuts and bolts; specify M54.

Standard on ED8400A devices: sex nuts and bolts.

Strike

See Options and Accessories, page 11.

Functions and Trims

Thru-bolted lever, pull and knob trims available with wide range of functions; see Trims and Functions, pages 8-10.

Cylinders

Cylinder not included unless specified.

See Quick Codes, page 16.

Applications and Listings

See page 3.

Shim Kit

Optional for mounting device over glass bead vision light; specify M58.

Warranty

One-year limited.

Certification/Compliance

ANSI

Meets A156.3, Type 2, Grade 1.

C-UL US

All devices listed for safety as panic hardware; devices comply with UL 305 standards for panic hardware. UL symbol on rear cover label indicates listing. Three-hour fire-rated devices listed as fire exit hardware for A label and lesser class 8' x 8' double doors; UL symbol on rear cover label indicates listing.

California State Reference Code

This product has been approved by the California State Fire Marshal (CSFM) pursuant to Section 13144.1 of the California Health and Safety Code.

NFPA

All exit devices comply with NFPA 101 Life Safety Code. All fire-rated devices comply with NFPA 80 Fire Doors and Windows.

ADA

Lever trims and pulls comply with Americans with Disabilities Act.

Finishes

Painted finishes available on devices and some trims.

BHMA 689 Silver Aluminum Painted

BHMA 690 Dark Bronze Painted

BHMA 691 Light Bronze Painted

Plated finishes available on trims only.

BHMA 605 Bright Brass

BHMA 606 Satin Brass

BHMA 611 Bright Bronze

BHMA 612 Satin Bronze

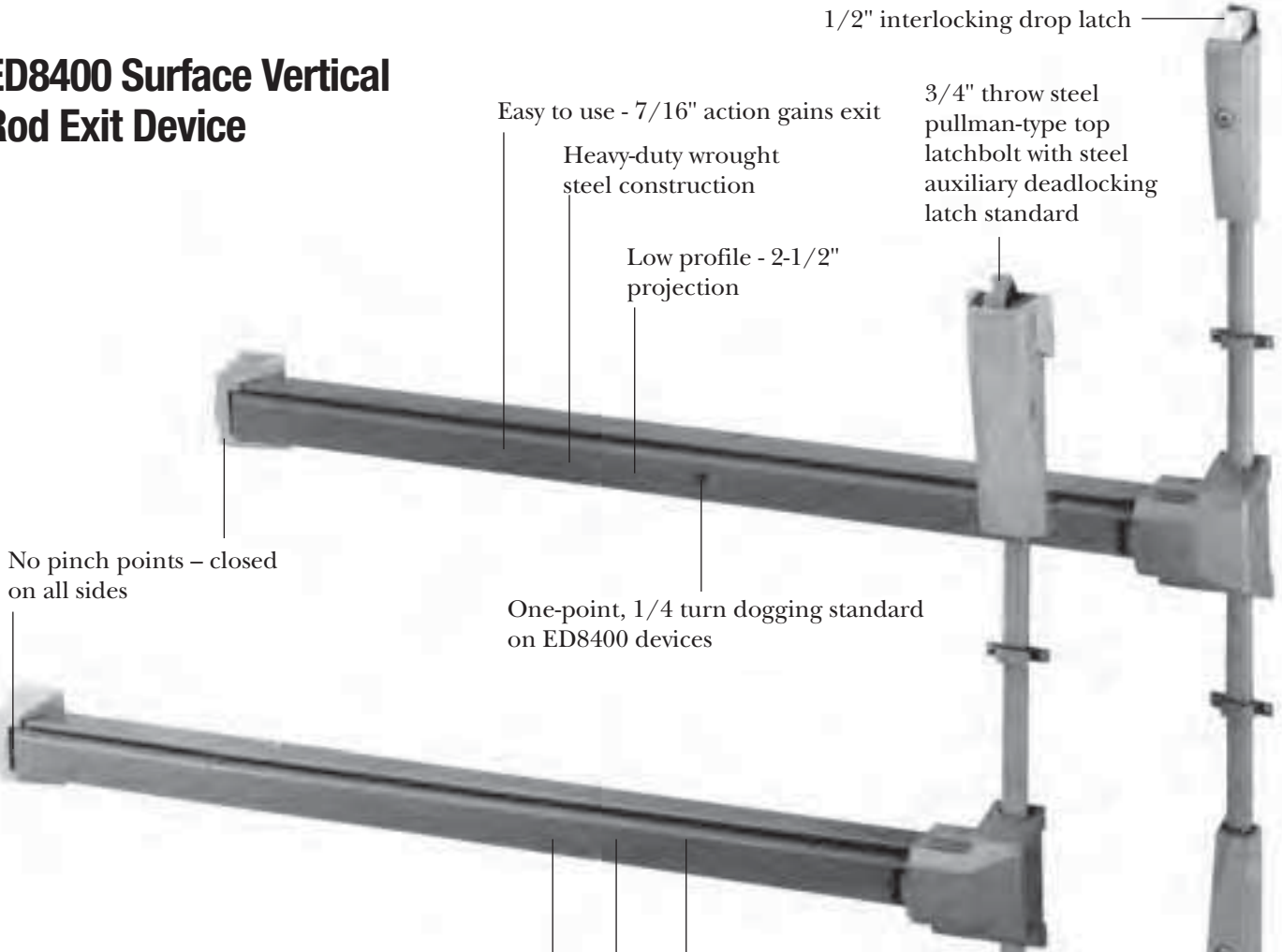
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BHMA 622 Flat Black Coated

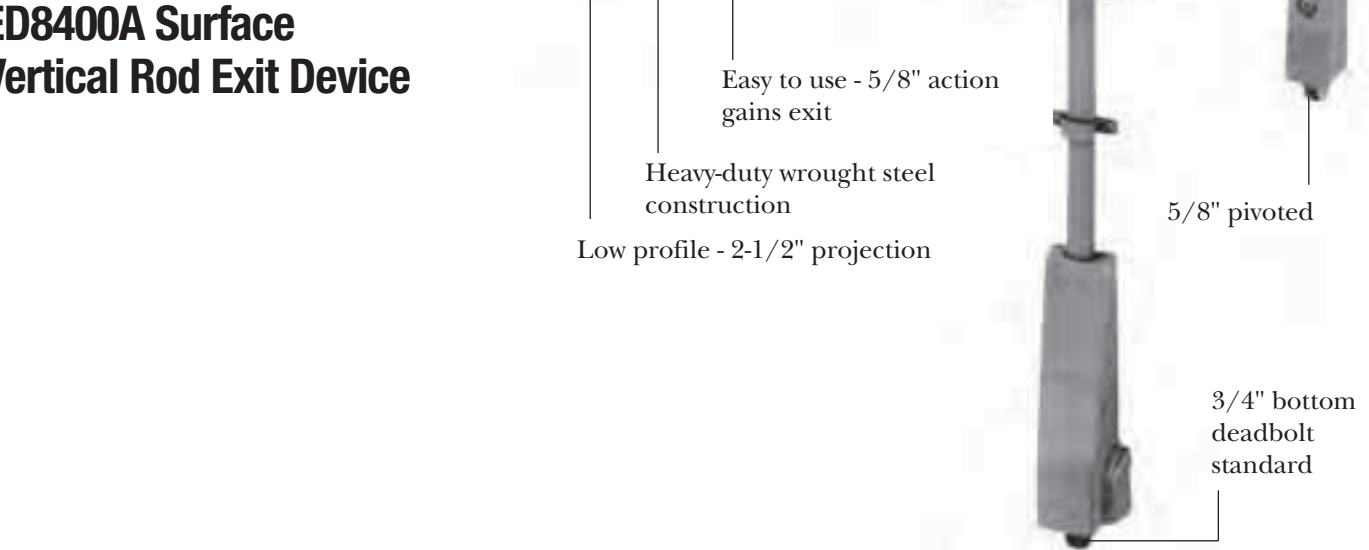
BHMA 625 Bright Chromium Plated

BHMA 626 Satin Chromium Plated

ED8400 Surface Vertical Rod Exit Device

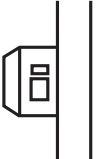

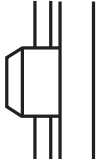



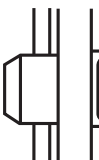



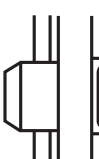



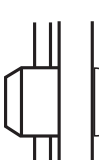











ED8400A Surface Vertical Rod Exit Device



ED8000 Series Pushpad Exit Devices



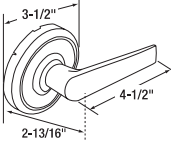


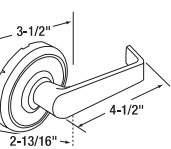


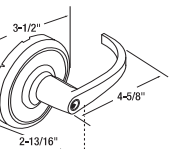

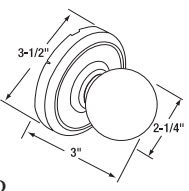

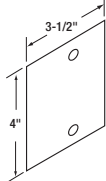


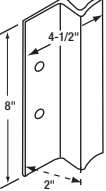
Functions

Rim ED8200 ED8200B ED8200A		Surface Vertical Rod ED8400 ED8400A		Type	ANSI No.	Functions Description
Inside	Outside	Inside	Outside			
				Exit Only	F01	- Exit only; no trim.
				Dummy	F02	- Entrance by trim when actuating bar is locked down.
				Nightlatch	F03	- Entrance by trim when latch bolt is retracted by key. Key removable only when locked.
				Classroom	F08	- Entrance by knob or lever. Key locks or unlocks knob.
				Passage	—	- Latch bolt retracted by grip.
				Storeroom (Lever Active)	F09	- Entrance by knob or lever only when released by key. Key removable only when locked.



Indicates rigid grip when locked.

Note: Trims shown are for function representation only. See pages 9 and 10 for available trims.



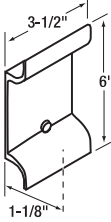


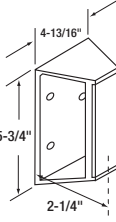


Trim Design	Passage	Dummy ANSI No. F02	Classroom ANSI No. F08	Nightlatch ANSI No. F03	Storeroom ANSI No. F09
 <p>Armstrong A6 </p> <p>Lever: Die cast zinc Rose: Wrought brass or bronze Cylinder: Key-in-lever</p> 	A610	A650	A655	A657	A659
 <p>Newport N6 </p> <p>Lever: Die cast zinc Rose: Wrought brass or bronze Cylinder: Key-in-lever</p> 	N610	N650	N655	N657	N659
 <p>Princeton PR6 </p> <p>Lever: Die cast zinc Rose: Wrought brass or bronze Cylinder: Key-in-lever</p> 	PR610	PR650	PR655	PR657	PR659
 <p>Global G10</p> <p>Knob: Wrought Rose: Wrought brass or bronze Cylinder: Key-in-knob</p> 	G1010	N/A	G1055	N/A	N/A
 <p>Flat Plate F1</p> <p>Plate: Steel Cylinder: Rim Available in plated and painted finishes.</p> 	N/A	F150^{1,2}	N/A	F157²	N/A
 <p>Z-Pull P1 </p> <p>Pull: Extruded Cylinder: Rim</p> 	N/A	P150²	N/A	P157²	N/A

Notes:

- Blank plate with no ANSI function.
- Not recommended for use with ED8400 or ED8400A Surface Vertical Rod devices.

ED8000 Series Pushpad Exit Devices

Trims and Functions

Trim Design	Passage	Dummy ANSI No. F02	Classroom ANSI No. F08	Nightlatch ANSI No. F03
 <p>Wing Pull P8 Pull: Extruded Cylinder: Rim Available in painted finishes only.</p>  	N/A	P850 ¹	N/A	P857 ¹
 <p>Offset Pull P2 Pull: Extruded Cylinder: Rim</p>  	N/A	P250 ¹	N/A	N/A
 <p>Key Only KO Cylinder: Rim</p> <p>Note: Available with cylinder option only. Ex: K057 x 6P</p> 	N/A	N/A	N/A	K057 ¹

Note:

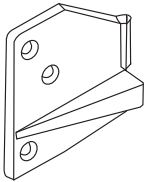
1. Not recommended for use with ED8400 or ED8400A Surface Vertical Rod devices.

Rim Strikes (Screws Included)



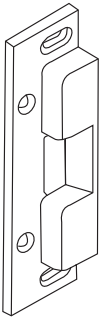
Rim Strike

Standard on ED8200 and ED8200B devices. To order separately, specify 386F45.



Rim x Vertical Rod Strike

Required for ED8200 devices when used on pair of doors with ED8400 device. To order with exit device, specify S02. To order separately, specify 468F30 x finish.

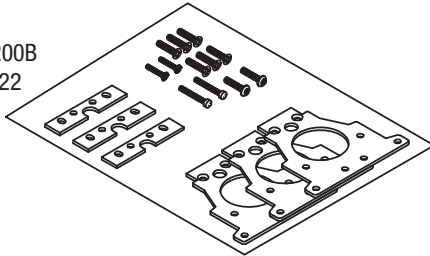


3-Hour Fire-Rated Rim Strike

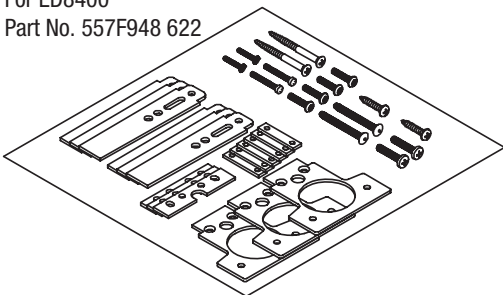
Standard on ED8200A devices. To order separately, specify 518F06.

Shim Kits

For ED8200 & ED8200B
Part No. 557F928 622



For ED8400
Part No. 557F948 622

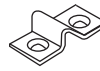


Vertical Rod Strikes (Screws Included)



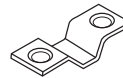
Top Strike

Standard on ED8400 devices. To order separately, specify 446F21.



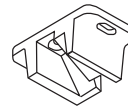
Surface Projecting Bottom Strike

Standard on ED8400 devices. To order separately, specify 446F22.



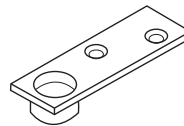
Flush Bottom Strike

Optional for ED8400 devices only. To order with exit device, specify S03. To order separately, specify 463F92.



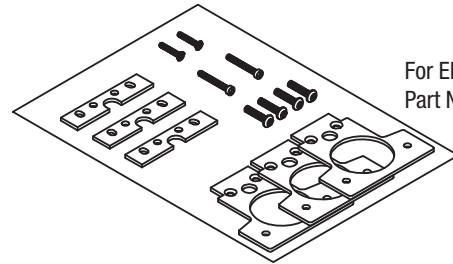
Fire-Rated Top Strike

Standard on ED8400A devices. To order separately, specify 526F52.

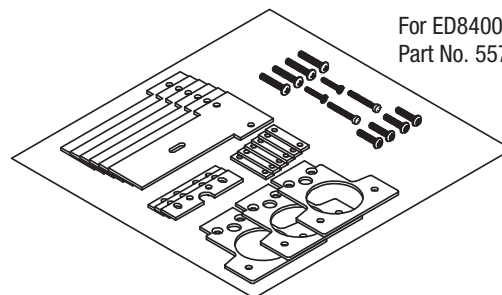


Fire-Rated Bottom Strike

Standard on ED8400A devices. To order separately, specify 526F53.



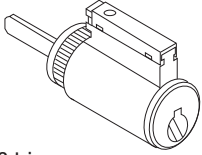
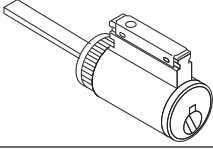
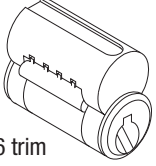
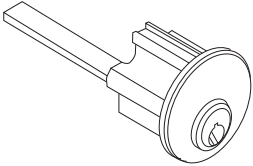
For ED8200A
Part No. 557F938 622



For ED8400A
Part No. 557F958 622

Cylinders

L4 keyway standard. To order with Exit Device, see Quick Codes, page 16. To order separately, specify Part No. x keyway x Finish (e.g., 2000-033-7 x L4 x 626).

Cylinder Type	Part No.	Description
 <p>Key-in-Lever for A6, N6 and PR6 trim</p>	2000-033 2000-033-7 2010-033 2020-033	6-pin 7-pin 6-pin, Security 7-pin, Pyramid
 <p>Key-in-Knob for G10 trim</p>	2000-033H 2010-033H 2020-033H	6-pin, horizontal tailpiece 6-pin, Security, horizontal tailpiece Pyramid, horizontal tailpiece
 <p>Interchangeable Core Optional for A6, N6, PR6 trim</p>	8000 8000-7 8010 8020	6-pin 7-pin 6-pin, Security 7-pin, Pyramid
 <p>Rim for all other trim</p>	3000-200 3000-138 3000-200-7 3010-200 3012-178 3080-178 3070-178 3070-178-7 3080-178-7 3090-178 3020-200 3030-178 3080-114 3070-114 3080-114-7 3070-114-7 3020-138 3030-114	6-pin 6-pin, horizontal tailpiece for exit alarm supplied when M61 or M62 is ordered 7-pin, horizontal tailpiece 6-pin, horizontal tailpiece, Security 6-pin, blockout function, Security 6-pin, interchangeable core (IC) 6-pin, IC less core 7-pin, IC less core 7-pin, IC 6-pin, Security IC Pyramid 7-pin Pyramid, IC 6-pin, IC for exit alarm supplied when M61 or M62 is ordered 6-pin, IC less core for M61 or M62 7-pin, IC for M61 or M62 7-pin, IC less core for M61 or M62 7-pin Pyramid, horizontal tailpiece for exit alarm supplied when M61 or M62 is ordered 7-pin Pyramid, IC for exit alarm supplied when M61 or M62 is ordered

Compatibility with Competitive Cylinders (N6 and PR6 trims only)

Competitive Cylinder	Complete Trim	Parts for Field Conversion
Schlage® conventional 21-002, 23-001 or 23-013	Specify M06	682F39-8 Tailpiece
Schlage Primus 20-548, 20-550, 20-748 or 20-750	Specify M06	682F39-8 Tailpiece
Best® style core, 6 or 7-pin	Specify M08	Field Conversion Not Practical
Sargent® 13-3266	Specify M09	682F96-9 Tailpiece kit and Special Lever
Schlage IC Core	Specify M69	697F94-2 Tailpiece

For Assa and Medeco retrofit cylinders, consult those manufacturers' catalogs.

Removable Mullions

Used to install two ED8200, ED8200A or ED8200B Rim Exit Devices in a double door opening. May be quickly and easily removed when a full double door opening is temporarily required.

500 Series

Materials and Finish

Steel mullion, 2"x3" with malleable iron top and bottom plates; furnished with zinc plated fasteners for metal frames and concrete floors. May be cut, drilled and tapped in the field for Rim Exit Devices. Primed for painting, BHMA 600.

508 - 3-Hour Fire-Rated Removable Mullion

(ANSI Type 22)

Accommodates door openings up to 8' high, with or without threshold. (May be field cut for doors under 8'.)

UL

3-hour fire-rated by Underwriters Laboratories on A label and lesser class door openings up to 8' x 8'; UL label on mullion indicates listing.

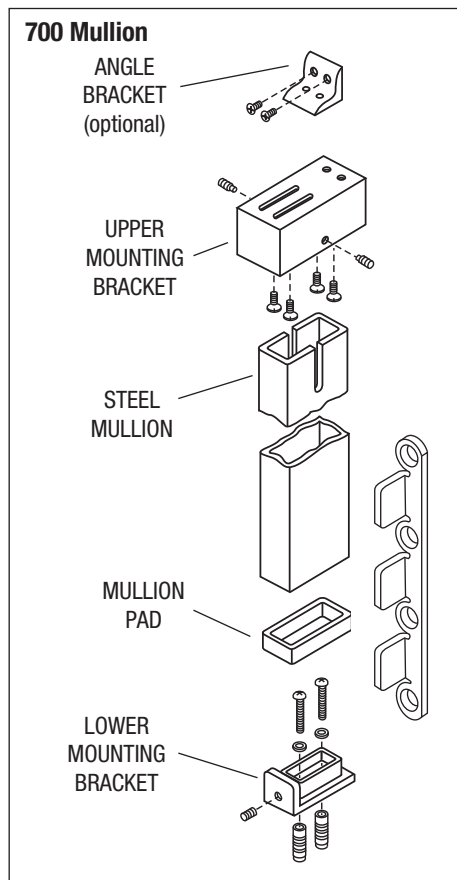
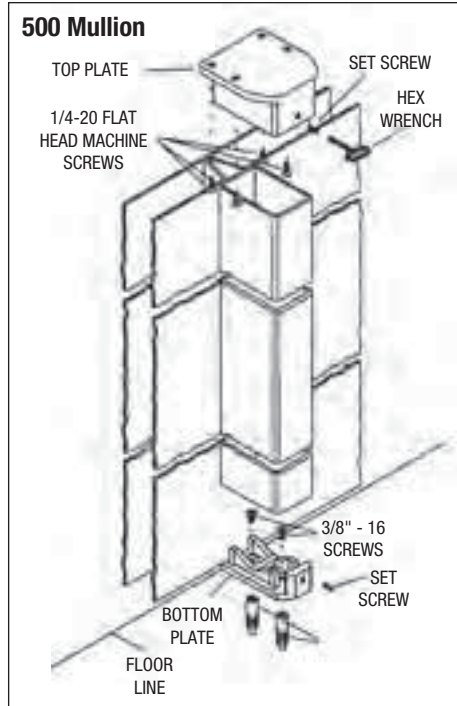
510-Removable Mullion For Doors Up to 10'

(ANSI Type 22)

Used to install two ED8200 Rim Exit Devices in a panic listed double door opening up to 10'-high. (May be field cut for doors under 10'.)

Ordering

See How to Order, page 15.



700 Series

Materials and Finish

Tubular steel mullions, 1-1/2" x 3", with malleable iron top and bottom mounting plates; furnished with zinc-plated fasteners for metal frames and concrete floors. May be cut, drilled and tapped in the field for Rim Exit Devices. Primed for painting, BHMA 600.

Keyed Removable Mullion

Designed for simple removal/re-locking when an unobstructed large opening is required. Mullion automatically re-locks when re-installed without the use of the cylinder key. To order with a mullion, specify quick code KM. To order the retrofit kit, specify KRM700A.

Spacer Block

Recommended for double rabbeted frames where the stop face width is less than the mounting hole spacing and also for door frames 5-3/4" (176mm) or less. To order with a mullion, specify M95. To order separately, specify Part No. 683F29-8.

Angle Bracket

Recommended for any header configuration with less than 3" (76mm) of mounting surface. To order with a mullion, specify M96. To order separately, specify Part No. 655F63-8.

Mullion Stabilizer Kit

Controls the movement of the mullion. Recommended for opening over 7' high, or whenever door movement must be minimized. To order with mullion, specify M57. To order separately, specify Part No. 653F11-1 x 695 or 628.

Ordering

To order, specify Part No.

Maximum UL Listing	Mullion Opening Height	Part No.
3-Hour	7'0"	707A
3-Hour	8'0"	708A
Panic Only	10'0"	710

Exit Alarm

Optional on ED8200 and ED8200B devices; emits audible alarm, signaling emergency or unauthorized use of door. To order, specify option M61.

Exit Alarm With 20-Second Delay

Optional on ED8200 and ED8200B devices; permits controlled authorized entrance or egress. For authorized exit, turn inside key to OFF, then back to ON. This allows 20-second interval to exit without sounding alarm. To enter, use key outside. Alarm will not sound if door is closed within 20 seconds. To order, specify option M62.



Features

Solid state circuitry with adjustable sensitivity.

Volume

85db at 10 feet.

Light Emitting Diode (LED)

Indicates power on, alarm on, delay feature on.

No wiring required

Recommended power source: one 9-volt alkaline battery (not included). One additional battery may be used for extended alarm.

Tamper resistant design

Will not obstruct emergency exit; provides easy access for battery changes.

Size

3-7/8" (98mm) x 9-3/4" (248mm) x 2-5/8" (67mm). 1-3/4" (44mm), 2" (51mm) and 2-1/4" (57mm) door thickness; 2-3/4" (70mm) backset.

Door Size

Standard 36" (914mm) exit device fits 31" (787mm) - 36" (914mm) doors.
Optional: 30" (762mm) fits 28" (711mm) - 30" (762mm) doors; 42" (1067mm) fits 37" (940mm) - 42" (1067mm) doors; 48" (1219mm) fits 43" (1092mm) - 48" (1219mm) doors.

Non-handed

Warning decal

EMERGENCY EXIT ONLY- ALARM WILL SOUND. Applied in field; will not affect handing.

Inside cylinder

Rim. For keying options see page 16. To order cylinder separately, see page 12.

Keying

When alarm is ordered with exit device and outside trim, inside and outside cylinders will be keyed alike.

Trim

Available with all trims for ED8200 and ED8200B devices; see pages 9 and 10.

Retrofitting

To add standard alarm to existing device, order ED82AK x Finish. To add alarm with time delay to existing device, order ED82AK x M62 x Finish. To order time delay switch separately, specify 490F71 for all bar lengths.

Ordering Examples

Rim Exit Device

Quantity	Series/Function	Finish
20	ED8200	689

Removable Mullion

Quantity	Mullion
6	508

Rim Exit Device with Trim

Quantity	Exit Device	Trim/Function	Finish		Hand	Door Thickness	Door Width	Misc. Options
			Trim	Device				
65	ED8200A	A610	613	690	LHR	D200	W048	M58

Vertical Rod Exit Device with Trim

Quantity	Exit Device	Trim/Function	Finish		Hand	Door Thickness	Optional Strike	Door Width	Door Height	Misc. Options
			Trim	Device						
28	ED8400	N655	626	689	RHR	D214	S03	W048	H1000	M54

Contract/Detailed Order – Rim Exit Device with Trim

Quantity	Keyset	Exit Device	Trim/Function	Finish		Hand	Door Thickness	Door Width	Misc. Options	Optional Cylinder	Keying
				Trim	Device						
32	AA1	ED8200	P857	626	689	LHR	D200	W048	M54	C6	VKC3

Where to find ordering information and Quick Codes

Functions and Trims	Pages 8-10
Rim and Vertical Rod	Pages 13
Removable Mullion	Page 16
Finish	Page 16
Handing	Page 16
Door Thickness	Page 16
Strike	Page 16
Door Width	Page 16
Door Height	Page 16
Miscellaneous Options	Page 16
Cylinders and Keying	Page 16

Cylinders and Keying

Description	Specify
Conventional 6-pin	6P
Pyramid Security fixed core	PS
Pyramid Security IC	PCS
Pyramid High Security fixed core	PHS
Pyramid High Security IC	PCHS
Pyramid IC with temporary construction core	CTP
Pyramid IC with temporary disposable core	CTPD
Pyramid IC less core	CLP
Security IC	CHS
IC 6-pin*	C6
IC 6-pin with temporary construction core*	CT6
IC 6-Pin with temporary disposable core*	CT6D
IC 6-pin less core*	CL6
IC 7-pin*	C7
IC 7-pin with temporary construction core*	CT7
IC 7-Pin with temporary disposable core*	CT7D
IC 7-pin less core*	CL7
Blockout function	BO
0-Bitted with 2 blank keys	(standard)
Keyed random	KR
Master Keyed (all cylinders except 8000, 8020, 8027 IC core)	specify keyset
Master Keyed Pyramid	specify keyset
Master Keyed Security (including IC cylinder and core)	specify keyset
Master Keyed 8000, 8020, 8027 IC core	specify keyset
Master Keyed to customer bittings or sample key	specify keyset
Construction master keyed ¹	CMK
Visual key control (VKC)	
- No Stamping	VKC0
- Keys only	VKC1
- Cylinders and Keys ²	VKC2
- Cylinders only ²	VKC3
Concealed key control (CKC)	
- CKC cylinders with VKC keys	CKC2
- CKC cylinders only ²	CKC3

Notes:

1. CMK construction master keying is not available in Pyramid or Security Series.

2. VKC2, VKC3, CKC3 are not available in Pyramid or Security series.

*Not available for G10 trim.

Finish

Description	Specify
US3 Bright Brass	605
US4 Satin Brass	606
US9 Bright Bronze	611
US10 Satin Bronze	612
US10B Dark Oxidized Satin Bronze, oil rubbed	613
US26 Bright Chromium Plated	625
US26D Satin Chromium Plated	626
Silver Aluminum Painted	689
Dark Bronze Painted	690
Light Bronze Painted	691

Door Thickness

Door	Specify
*1 ³ / ₈ " (35mm)	D138
1 ³ / ₄ " (44mm)	(standard)
2" (51mm)	D200
2 ¹ / ₄ " (57mm)	D214

*G10, A6, N6, PR6 series trims only.

Door Width

Door	Specify
30" (762mm)	W030
36" (914mm)	(standard)
42" (1067mm)	W042
48" (1219mm)	W048

Door Height

Door	Specify
7'6" (2.29m) (ED8400 devices)	(standard)
8'0" (2.44m) (ED8400A devices)	(standard)
10'0" (3.05m) (ED8400 devices only)	H1000

Handing

Hand	Specify
Right Hand Reverse	RHR
Left Hand Reverse	LHR

Miscellaneous Options

Description	Specify
Less cylinder, with tailpiece for Schlage® cylinder (N6 and PR6 trims only)	M06
Lever to accept Best® type core (N6 and PR6 trims only)	M08
Lever to accept Sargent® cylinder (N6 and PR6 trims only)	M09
Lever to accept <i>Schlage</i> IC core	M69
Knurling outside only (trim side)	M21
Abrasive coat outside and inside (trim and device)	M23
Abrasive coat inside only (device side)	M24
Abrasive coat outside only (trim side)	M25
Less dogging	M51
*Sex nuts and bolts (SNBs)	M54
Mullion stabilizer kit	M57
Shim kit (for vision light)	M58
Shim for 2-3/4" (70mm) backset on doors with 1/2" (13mm) stop (rim devices only)	M59
Exit alarm (rim devices only)	M61
Exit alarm with delay (rim devices only)	M62
Door frame filler block for double rabbited frames	M95
Door frame angle bracket for aluminum frames	M96
707A, 708A, 710 keyed removable mullions	KM

*Not available with D138 option.

Strike

Description	Specify
Rim	
Rim x vertical rod	S02
Vertical Rod	
Flush bottom (ED8400 devices only)	S03

Abrasive Coat

Hard granular material applied to provide a non-slip tactile surface for the visually impaired.

Active Door

In a pair of doors, the door that is operable from the trim side.

Astragal

A vertical member applied to one or both sides of a pair of doors at the meeting edges. The astragal closes the gap between the two doors.

Coordinator

A device used on a pair of doors to ensure that the inactive door closes before the active door.

Deadlocking Latch

A supplemental latch that automatically deadlocks the latchbolt when pressure is applied to it.

Dogging

A mechanism that allows the latchbolt to remain retracted, permitting the door to operate as if it were a push-pull; it cannot be used on fire-rated exit devices.

Double Egress

A pair of doors of the same hand that swing in opposite directions, commonly found in corridors.

Dummy Trim

Trim only. Usually used on the inactive door of a pair of doors for design balance.

Exit Device (Panic Hardware)

A door locking device with a pushpad or crossbar which, when pressed, allows instant exit (egress).

Fire Exit Hardware

An exit device listed by an independent testing laboratory as meeting panic, fire and hose stream test standards; used on fire-rated openings.

Hand

The direction a door swings.

Inactive Door

In a pair of doors, the door that is inoperable from the trim side.

Latchbolt

A lock component that has a beveled end and projects into a strike, holding the door in a closed position.

Mullion

A fixed or removable vertical member that divides a door opening and provides a latch surface for a pair of rim exit devices.

Narrow Stile Door

Usually a door having a stile less than 2-3/4" (70mm) wide, commonly seen on aluminum or glass front applications.

Shim Kit

Pieces of metal that permit mounting of an exit device on a door that has a surface projecting vision light (glass bead) moulding.

Split Astragal

An astragal that is split through the middle on a pair of doors, allowing both doors to operate independently.

Threshold

A strip fastened to the floor beneath a door. It serves as a stop, prevents heat loss, and provides a strike location for latching the bottom rod of a vertical rod exit device.

Trim

A knob, lever, pull, or thumbpiece used on the outside of an exit device door to control access to an area.

Universal Exit Device

An exit device that may be used on doors of either hand without any modifications.

Keying and Cylinder Terms**Blockout Cylinder**

A cylinder which allows all keys to be temporarily blocked from operating. It is set by a blockout key.

Concealed Key Control (CKC)

The marking of standard key symbols on a cylinder in a location which is not visible once the cylinder

Suggested Specification

All exit devices shall be ED8000 Series Pushpad Exit Devices as manufactured by Corbin Russwin Architectural Hardware.

The maximum exit device projection shall be 2-1/2" (64mm). The exit device bar shall be constructed of heavy wrought steel. The pushpad shall be constructed of wrought steel; scalped pushpads or pushpads with plastic or Lexan coatings shall not be acceptable. The pushpad shall cover the entire length of the devices. Pushpads which cover less than the entire length of the device shall not be acceptable. Nylon bearings and stainless steel springs shall be used for long life and durability; only torsion springs are acceptable. All device covers shall be of aluminum; plastic or metal stamping shall not be acceptable. Mounting screws shall be concealed to deter tampering. All ferrous parts shall be zinc coated to prevent rusting.

Single point, one quarter turn hex key dogging shall be standard on non-fire-rated devices.

All devices shall be listed by Underwriters Laboratories for safety as panic hardware. Fire rated devices shall be UL/C-UL listed for A label and lesser class doors, 4' x 8' single and 8' x 8' pair. The model number shall be located on the endcap; devices having the model number located other than on the endcap shall not be acceptable.

On trims with cylinders, the locking and unlocking of the trim shall be housed in the trim and not in the active head of the device. Trim shall be throughbolted and fasteners shall be concealed.

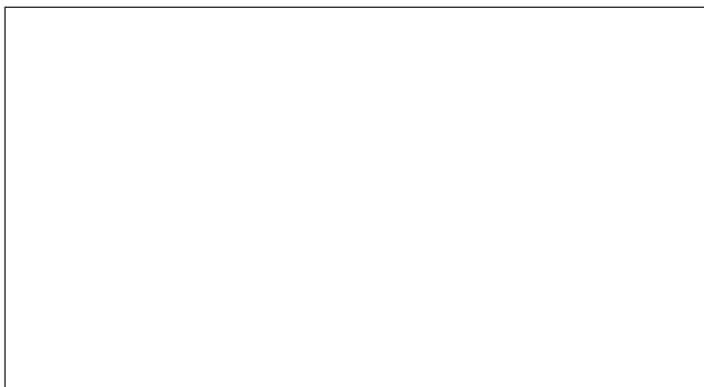
All trims shall be furnished in architectural finishes and shall match the trims and finishes on corresponding locksets.

Certification:
ANSI A156.3, Grade 1

All devices, trims and cylinders shall be from one manufacturer.

All devices and trims shall carry a one-year limited warranty.

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



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www.corbinruswin.com

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Yale-Corbin Canada Ltd.
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Mississauga, ONT L5T 2W2
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Fax 800-461-8989
www.yalecorbin.on.ca

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