BHMA TYPE 4

Narrow Stile Rim Exit Device

For Aluminum Doors

8800 Series

LIFE-SAFETY

CERTIFICATIONS:

Ⓤ Life-Safety Listing
ANSI/BHMA A156.3 Grade 1
California State Fire Marshall
New York City MEA*

*Consult factory for specific number

Features:

- Patented "Starwheel" Bolt interlocks door to frame
- Pushbar is anodized or clad, not plated, in a variety of finishes
- Easy to install
- Unobtrusive design for clean sight lines
- Strong, durable construction for a high level of security

Adams Rite
ASSA ABLOY

260 Santa Fe Street
Pomona, California 91767
(800) 872-3267 Fax:(800) 232-7329
www.adamsrite.com

Features & Dimensions

Narrow Stile Rim Exit Device

ANSI/BHMA
Grade 1

Handing
Device is non-handed. Lever Entry Trim is field reversible.

Pushbar Length
Pushbar Length
Standard Sizes: Dimensioned for 30", 36", 42" & 48" openings. Standard width bars can be field cut to the next smallest opening width.

Door Thickness
Suits 1-3/4" standard, up to 2-1/4".

Stile Width
Minimum 2" Stile. Fits Narrow, Medium and Wide Stile aluminum doors.

Projection
2-5/8" when fully projected, 1-5/8" when dogged.

Materials
Pushbar made of extruded aluminum, clad or anodized in a variety of finishes.

Dogging
Standard dogging with hex key or optional cylinder dogging. Electric dogging also available.

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Fasteners
Standard self-tapping screws.

Strike
Made of hardened steel. Standard and narrow version supplied with exit device.

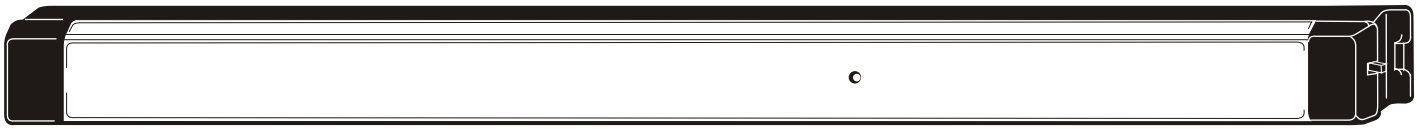
Cylinders (order separately)
Cylinder x Fixed Pull:
(Functions 03)
Accepts any standard Rim cylinder.
Entry Lever or Thumbturn:
(Functions 08, 09, 11, 12)
Accepts any standard diameter Mortise cylinder with MS® cam. Accommodates cylinder lengths from 1" to 1-1/4".

Warranty
Five year limited.

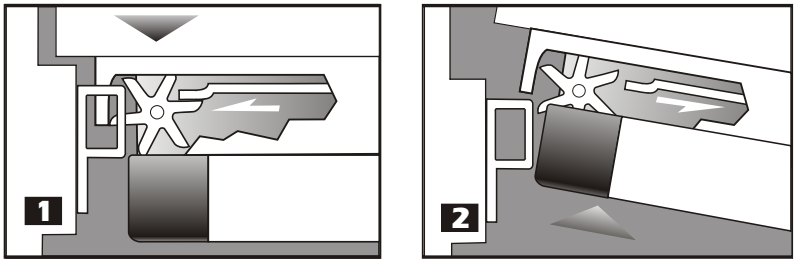
AVAILABLE FINISHES

313	Dark Bronze Anodized
335	Black Anodized
628	Clear Anodized
US3	Bright Brass
US4	Satin Brass
US9	Bright Bronze
US10	Satin Bronze
10B	Dark Bronze (Trim only)
US32	Bright Stainless
US32D	Satin Stainless

Consult factory for special finishes.

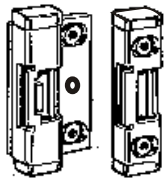


Starwheel Bolt

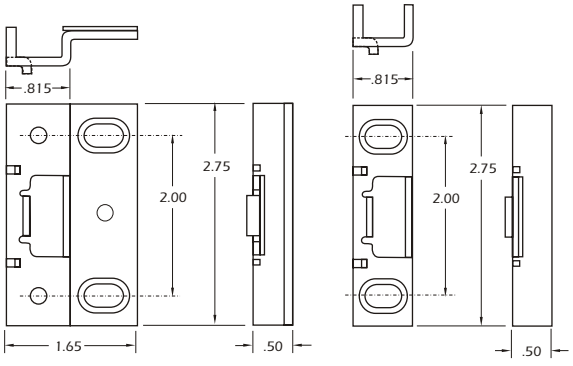


[1] When door closes, the interlocking noseguard and Starwheel bolt close around the strike. The deadlocking slide springs over, locking the Starwheel bolt to the strike. [2] When pushbar is depressed, the deadlocking slide moves back, allowing the door to unlock from the strike. This unique interlock provides solid security and prevents jamb spreading.

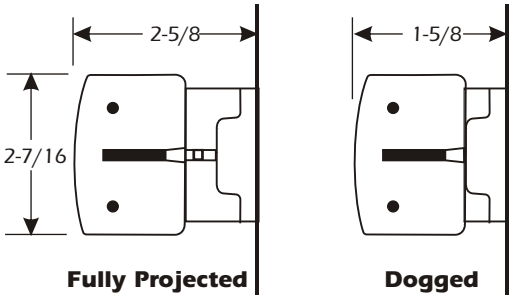
Strikes



Standard strike and narrow version for centering doors in 4" jamb. (Both strikes are included)

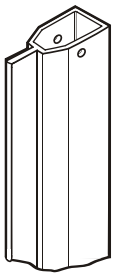


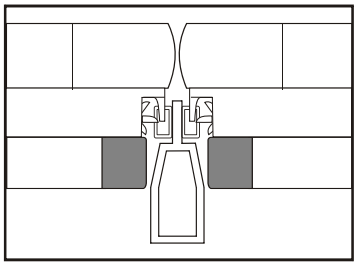
Pushbar Dimensions



Removable Mullion - 3890

Allows the use of Rim exit devices on paired doors without narrowing the doors. Provides higher security and better traffic flow than paired doors with Vertical Rod exit devices. Available in anodized 313 and 628. Specify door height when ordering.





Trim & Function

Narrow Stile Rim Exit Device

ANSI/BHMA Functions:

01	02	03	08	09	11	12	14
EXIT ONLY- NO TRIM	PULL ONLY WHEN DOGGED FIXED PULLS BY OTHERS	KEY RETRACTS LATCHBOLT NL FIXED PULLS BY OTHERS	KEY LOCKS LEVER	KEY LOCKS LEVER NL	KEY LOCKS THUMBTURN	KEY LOCKS THUMBTURN NL	PASSAGE SET
CYLINDER TYPE							
N/A	N/A	RIM	MORTISE	MORTISE	MORTISE	MORTISE	N/A

NL – Night Latch

Please see page ED-10 for Pulls and Entry Trim, plus Entry Trim Ordering Matrix.

Ordering Matrix

8800

8800 Series Rim Exit Device - Life Safety for Aluminum/Glass Doors

8800 - 36 - US3

Specify Series

Door Opening Width
On pair of doors, specify half of total exit opening
30 inches **42** inches
36 inches **48** inches

Pushbar Finish
1 628 Clear Anodized
2 313 Dark Bronze Anodized
3 335 Black Anodized
0 US Finish

Add Dash No. for US Finish
US3 Bright Brass
US4 Satin Brass
US9 Bright Bronze
US10 Satin Bronze
US32 Bright Stainless
US32D Satin Stainless

If required, specify cylinder and other trim separately

Additional Options:

Cylinder Dogging - For all Life-Safety Devices only. Specify by adding "C" after device model number. Hex key dogging standard.

Options & Accessories

Narrow Stile Rim Exit Device

Order by adding suffix to Exit Device in place of hyphen or by separate model number.

MONITOR/SIGNAL SWITCH

For all Adams Rite Exit Devices

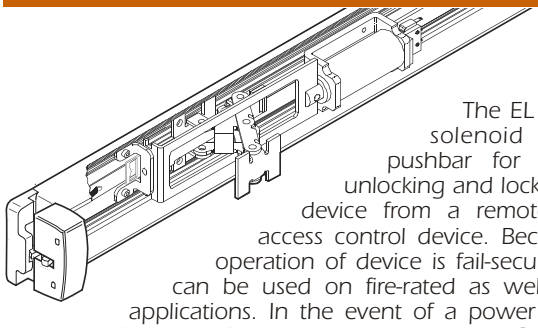
M1 - Single Switch
M2 - Dual Switch

A switch in the exit device pushbar mounted on the hinge end. Switch can be used to activate signal light, horn, monitor or other devices. Most common application is to release maglock when pushbar is depressed. Switch can be wired for normally open or normally closed depending upon application. Can be retrofit in field to existing exit device. Dual switch version offers redundancy as required by some building codes or the option of operating a second signaling device.

Specify by adding "M1"or "M2" after exit device model number.

Monitor Kits for upgrading any 3000 or 8000 Series device:
91-0897-01 - Single Switch **91-0897-02 - Dual Switch**

ELECTRIC LATCH RETRACTION



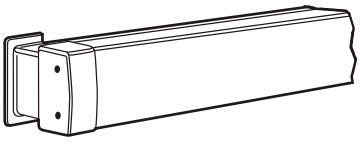
The EL option uses a solenoid mounted in pushbar for instantaneous unlocking and locking of the exit device from a remote location or access control device. Because electrical operation of device is fail-secure, this option can be used on fire-rated as well as life-safety applications. In the event of a power failure device automatically relocks. Rim devices are available in 12 or 24 VDC and can be powered with a simple transformer and rectifier or other DC power supply.

Specify by adding "EL" after exit device model number. Also specify 12 or 24 volt.

Solenoid Specifications:
EL-12 VDC - 1.5 Amps Inrush/Hold
EL-24 VDC - .6 Amps Inrush/Hold
Solenoids are rated for both intermittent and continuous operation.
Specify for optional hex key dogging. Also see 4612 Power Transfer.

MONITORED DUMMY PUSHBAR

8099M1 - Single Switch
8099M2 - Dual Switch
8099-00 - Dummy Only



Dummy pushbar with no latch mechanism but with either a single or dual monitor/signal switch. Most common application is in conjunction with a maglock where bar is used to turn off magnet and allow exit from building. Dual switch version allows redundancy where required by code or the operation of a signal device along with maglock. Specify door type and width when ordering. Available in all exit device finishes.
The 8099-00 is also available as a non-operating dummy for doors not requiring an exit device, but where matching trim is desired. Specify door type, opening width and finish to be matched.

ALARMED EXIT DEVICE

For all Adams Rite Exit Devices

This option emits a loud alarm to notify management of unauthorized exit. Will not alter the Life-Safety characteristics of the exit device in any way. Control of the alarm is by use of a key in any standard Mortise cylinder with MS® cam to arm, disarm, delay or reset the alarm. Red letters on the bar give a "hands off" warning to deter accidental actuation.

Battery Operated Alarm

Four AA alkaline batteries power twin horns to create a piercing 95 decibel noise for two minutes (or until disarmed) when pushbar is depressed. Beeps to signal need for new batteries.

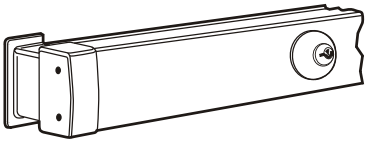
Hardwired Alarm

Can be connected to external horn for louder or remote signal. Remote monitor LED light can also be wired in, as can a door position proximity switch. Also accommodates an external delay switch, such as an outside key switch or pad, to allow authorized entry. Uses rechargeable nicad batteries connected to 12-24 Volt AC or DC source. Each bar has its own battery backup system.

Minimum opening width: 36"

CYLINDER DOGGING

For all non-rated Adams Rite Exit Devices

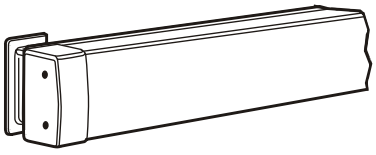


For management control of dogging. Any standard 15/16" to 1-1/8" long Mortise cylinder with MS® cam can be used in a pushbar prepared at factory with Cylinder Dogging kit. Cannot be used with Alarm or EL option.

Specify by adding "C" after exit device model number.

ELECTRIC DOGGING

For all Adams Rite Exit Devices



The "ED" option uses a holding magnet to keep the pushbar depressed (set manually) and the latch retracted. This gives a lower profile exit device, resulting in less damage and quieter operation. All "ED" devices include an internal microswitch that signals when the bar is held in the depressed position, ideal for automatic door operators. On fire-rated devices, it must be wired through the fire alarm system. All devices operate at 24VDC,drawing .6 amp, allowing them to operate with a simple transformer and rectifier.
Note: Not to be used as access control element. Specify "EL" with access control devices such as card reader or keypads.

Specify by adding "ED" after exit device model number (ex. 8611ED36).

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