

BHMA TYPE 10

Narrow Stile Mortise Exit Device

For Aluminum Doors

8400 Series



Features:

- ▼ Heavy duty deadlatching mechanism
- ▼ Pushbar clad or anodized, not plated, in a variety of finishes
- ▼ Easy to install
- ▼ Clean, unobtrusive design
- ▼ Strong, durable construction for a high level of security

CERTIFICATIONS:

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

*Consult factory for specific number

Features & Dimensions

Narrow Stile Mortise Exit Device

ANSI/BHMA Grade 1

Handing

Specify handing and bevel if applicable.
Lever Entry Trim is field reversible.

Pushbar Length

Standard Sizes: Dimensioned for 30", 36", 42" & 48" openings. Standard width bars can be field cut to the next smallest opening width. Backsets available in 31/32", 1-1/8", 1-1/2".

Door Thickness

Suits 1-3/4" standard. Can be modified for thicker doors.

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 cylinder dogging option. Electric dogging also available.

Fasteners

Standard self-tapping screws.

Strike

Made of stainless steel. Supplied with exit device. See Strike options below.

Cylinders (order separately)

Cylinder x Fixed Pull:
(Function 03)
Accepts any standard Mortise cylinder.
Entry Lever
(Functions 08, 09)
Accepts any standard diameter Mortise cylinder with MS® cam. Accommodates cylinder lengths from 1" to 1-1/4".

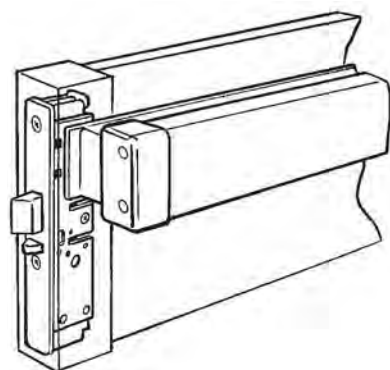
Warranty

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

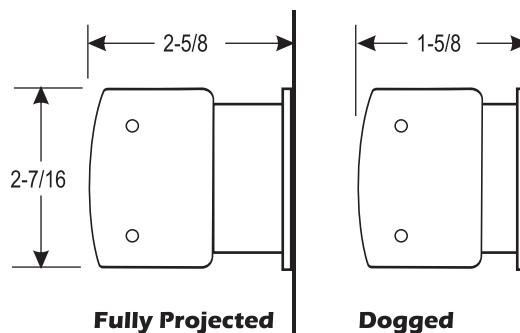
Consult factory for special finishes.



8400

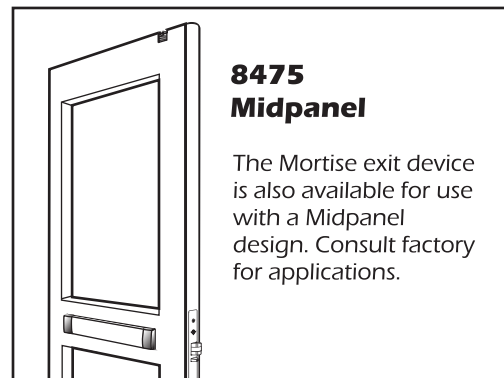
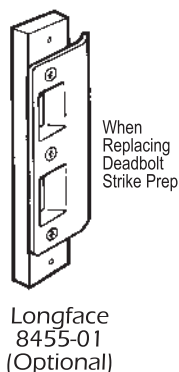
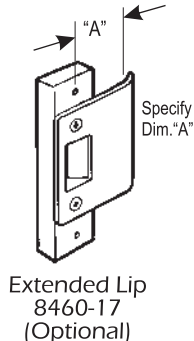
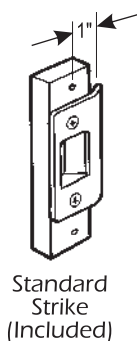
The 8400 was designed to fit standard cutout used for the Adams Rite MS® Deadbolt on aluminum stile glass doors. Backsets available: 31/32", 1-1/8" & 1-1/2".

Pushbar Dimensions



Strikes

A variety of strikes are available for different applications and conditions.



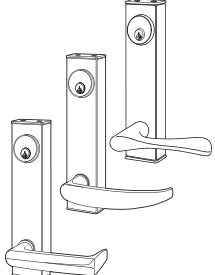
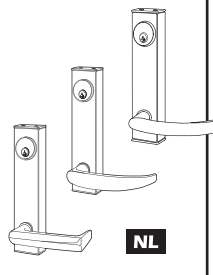
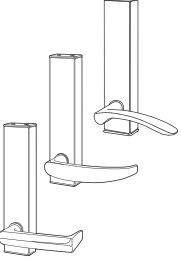
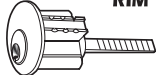

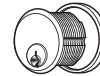
8475 Midpanel

The Mortise exit device is also available for use with a Midpanel design. Consult factory for applications.

Trim & Function

Narrow Stile Mortise Exit Device

ANSI/BHMA Functions:

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

NL – Night Latch

Please see page ED-10 or ED-11 for Pulls and Entry Trim, plus Entry Trim Ordering Matrix.

Thick and Cladded Door Kits

91-0995-02* – 2" Thick Door Kit
91-0995-03* – 2-1/4" Thick Door Kit
91-0995-04* – 2-1/2" Thick Door Kit
91-0995-05* – 2-3/4" Thick Door Kit

91-0995-06* – 3" Thick Door Kit
91-0325-01 – Thermal Door Kit - 1/4" Cladding
 91-0325-02 – Thermal Door Kit - 1/2" Cladding
 * Order 8460-xx Long Lip Strike as required

Ordering Matrix

8400 Series - Life Safety for Aluminum/Glass Doors

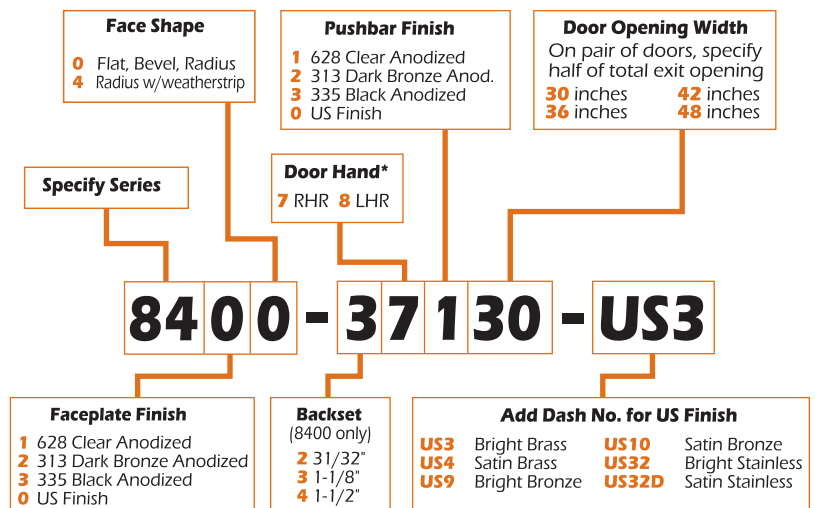
8475 Mid-Panel For Aluminum/Glass Doors - Requires special door construction. Consult factory for assistance.

8400 includes faceplates to cover flat, bevel and radius applications.



8400

8475



* Field reversible

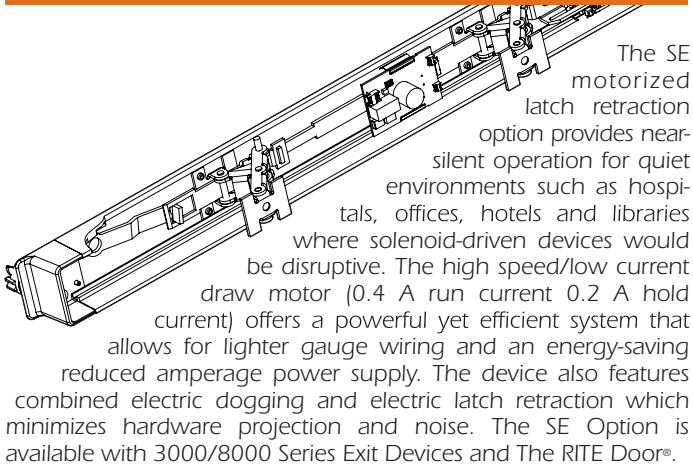
If required, specify cylinder and other trim separately

Options & Accessories

Narrow Stile Mortise Exit Device

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

MOTORIZED LATCH RETRACTION



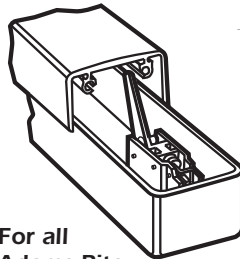
Specify by adding "SE" after exit device model number (ex. 8611SE36).

Order PS-SE Power Supply separately. (PS-SE powers 2 devices) Rated for continuous duty. See 4612 Power Supply.

RX - MONITOR/SIGNAL SWITCH

M1- Single Switch
M2- Dual Switch

Mounted in the exit device pushbar on the hinge end, the switch can be used to activate signal light, horn, monitor or other devices. Switch can be wired for normally open or normally closed. Can be retrofit in field to existing exit device. Dual switch version offers redundancy as required by some building codes or it can operate a second signaling device.



For all Adams Rite Exit Devices

Specify by adding "M1" or "M2" after exit device model number.
RX Monitor Kits for upgrading any 3000 or 8000 Series device:
91-0897-01 – Single Switch 91-0897-02 – Dual Switch

CYLINDER DOGGING

For all non-fire 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. Not for use with Alarm, EL or SE options.

ALARMED EXIT DEVICE



For all Adams Rite Exit Devices

This option emits a loud (95 decibel) alarm to notify management of unauthorized exit. Alarm is controlled by a key in any standard Mortise cylinder with MS® cam to arm, disarm, delay or reset the alarm. Will not alter the Life-Safety characteristics of the exit device in any way. Red letters printed on the bar give a "hands off" warning to deter accidental actuation.

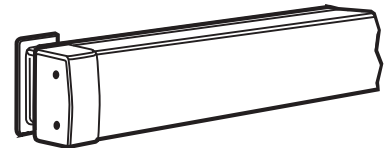
Battery Operated

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

Minimum opening width: 36"

ELECTRIC DOGGING

For all Adams Rite Exit Devices

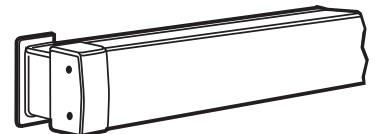


The "ED" option's holding magnet keeps the pushbar depressed (set manually) and the latch retracted for a lower profile exit device, resulting in less damage and quieter operation. An internal microswitch signals when the bar is depressed – ideal for automatic door operators. On fire-rated devices, it's wired through the fire alarm system. Devices operate at 24VDC at .6 amps, with only a transformer and rectifier. (Not to be used as access control element. Specify "EL" with access control devices.)

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

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. Can be used with a maglock, where bar turns off magnet and allows exit from building. Dual switch version allows redundancy where required by code or the operation of a signal device. Specify door type and width when ordering.