

# **THE ONE BOX SOLUTION**

**FOR RIM PANIC EXIT DEVICES**

## **4800F**



## **4850**



**EVERYDAY LOW CURRENT DRAW**

**2 COMPETITOR  
STRIKES IN 1**

**FIRE RATED  
BUT PRICED WITHOUT IT**

**THE 1/2" SOLUTION**

**3 SPACERS INCLUDED  
6 THICKNESSES CREATED**



**BUILT IN AMERICA**  
**BASED IN AMERICA**  
**BUY AMERICAN**

**THE FIRE RATED**  
**3/4" RIM PANIC SOLUTION**

# 4800F

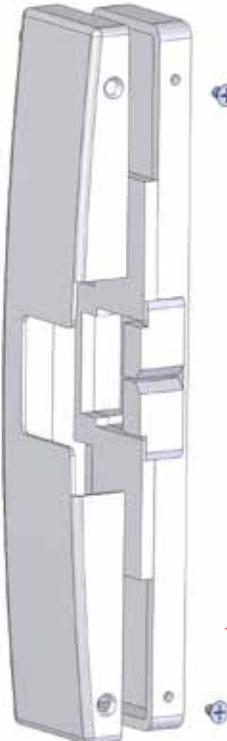
- For use with surface exit devices with up to 1" throw, in wood or metal door frames.
- Comes with Trine's Patented 4-Pin Anchoring System for **strength** and stability. (See page 40 for details)
- Cavity is completely open – which means the 4800 allows for an incremental depth up to a 1" throw – **Competitor back plates do not allow for this versatility.**
- Enhanced 12-24 DC Low Current Draw 
- Contains a one piece locking mechanism with one solenoid.  
**Less parts mean less problems.**
- Fail-safe/Fail-secure field selectable. *WH fire listing is void when using fail safe action.*

**Dimensions on page 61.**



**Standards:**

- Class A, 3 Hour Single door / frame configuration
- UL10C, Fire Tests of Door Assemblies
- UBC 7-2, Uniform Building Code
- CAN4 S104, Standard Method for Fire Tests of Door Assemblies NFPA 252
- Issue: 1999/01/01 Standard Methods of Fire Tests of Door Assemblies
- Factory Tested to Grade 1 - A156.31-2007



See Page 39-40 for options, page 54 for installation tool.

<b>Electric Characteristics</b>							<b>**Enhanced**</b>
<b>Current Draw</b>				<b>Connector</b>			
<b>Voltage:</b>	<b>(Amps)</b>	<b>Ohms:</b>	<b>Duty:</b>	<b>Wire Colors:</b>	<b>Used:</b>	<b>Sound:</b>	
12DC	0.218	45	Intrm./Cont	Red & Blue	12 DC	Silent	
16DC	0.290	45	Intrm./Cont.	Red & Blue	12 DC	Silent	
24DC	0.195	92	Intrm./Cont.	Brown & Blue	24 DC	Silent	

**Solid cast housing!**  
 ← **Not** cost saving covers like the competition.

<b>Finishes:</b>	<b>Price:</b>
<b>4800F-32D</b> (Satin Stainless Steel -- BHMA630)	<b>\$579</b>
<b>4800F-DKBZ</b> (Dark Bronze Powder Coated -- BHMA613E)	
<b>4800F-BLK</b> (Black Powder Coated)	<b>\$635</b>
<b>4800F-US4</b> (Satin Brass -- BHMA606)	
<b>4800F-US10</b> (Satin Bronze -- BHMA612)	<b>\$689</b>
<b>4800F-32</b> (Polished Stainless Steel -- BHMA629)	
<b>4800F-US3</b> (Bright Brass -- BHMA605)	<b>\$699</b>

# THE ONE BOX SOLUTION

## FOR RIM PANIC EXIT DEVICES



**Lowest Current Draw available today - by far!**



# 4850

1/2" 1/4" 1/16"

- Cavity is completely open – which means the 4850 allows for an incremental depth up to a 1" throw - **Competitor back plates do not allow for this versatility.**
- For use with surface mounted rim exit devices with up to a 1" throw.
- Comes with Trine's **Patented 6-Pin Anchoring System** for strength and stability. (See page 40 for details)
- Contains a one piece locking mechanism with one solenoid – **less parts mean less problems.**
- Fail-safe/Fail-secure field selectable.
- Factory Tested to BHMA Grade 1 - A156.31-2007



**Dimensions on page 61.**

Finishes:	Price:
<b>4850-32D</b> (Satin Stainless Steel -- BHMA630)	<b>\$579</b>
<b>4850-DKBZ</b> (Dark Bronze Powder Coated -- BHMA613E)	<b>\$635</b>
<b>4850-BLK</b> (Black Powder Coated)	
<b>4850-US4</b> (Satin Brass -- BHMA606)	<b>\$689</b>
<b>4850-US10</b> (Satin Bronze -- BHMA612)	
<b>4850-32</b> (Polished Stainless Steel -- BHMA629)	<b>\$699</b>
<b>4850-US3</b> (Bright Brass -- BHMA605)	

**3 Spacers included, 6 Thicknesses created, 1 Box Solution Provided.**

**Need an Installation Tool?**  
See page 54

See Page 39-40 for options.

Electric Characteristics				Connector		
Voltage:	Current Draw (Amps)	Ohms:	Duty:	Wire Colors:	Used:	Sound:
12DC	0.218	45	Intm./Cont	Red & Blue	12 DC	Silent
16DC	0.290	45	Intm./Cont.	Red & Blue	12 DC	Silent
24DC	0.195	92	Intm./Cont.	Brown & Blue	24 DC	Silent

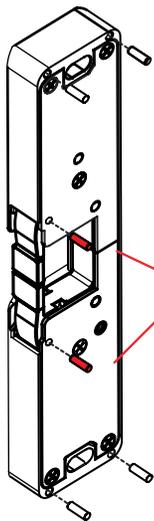


**BUILT IN AMERICA**  
**BASED IN AMERICA**  
**BUY AMERICAN**

**THE 'BOLT' STRIKE SOLUTION**  
**& THE LATCHBOLT MONITORING SOLUTION**

**4801 - "Bolt" Strike**

- For use with the Yale Squarebolt® or Corbin Russwin Securebolt™ in new or replacement installations with wood or metal door frames.
- Use with surface mounted rim device with up to 1" throw.
- Cavity Opening -  
 Height: 1 17/32"  
 Width: 1 5/32"
- 6-Pin Anchor system provided to handle the toughest installations.
- Same electrical characteristics as the 4800F - see page 37.



**\*Must Install  
 2 middle  
 pins on the  
 4801/4801LB**

**Active Latchbolt Monitoring  
 (LB Option)**



- IR optical sensor
- Single pole, double throw, form "C" Relay, rated at 1-amp at 12-24 AC-DC
- N/O and N/C relay contacts
- Module power source 12-24 DC
- Current consumption is:  
 12v: standby 12.7ma  
       activate 22.8ma  
 24v: standby 19.4ma  
       activate 34.4ma
- All other features are the same as the base model.

**Finishes:**

**Price:**

<b>4801-32D</b> (Satin Stainless Steel -- BHMA630)	<b>\$645</b>
<b>4801-DKBZ</b> (Dark Bronze Powder Coated -- BHMA613E)	
<b>4801-BLK</b> (Black Powder Coated)	<b>\$655</b>
<b>4801-US4</b> (Satin Brass -- BHMA606)	
<b>4801-US10</b> (Satin Bronze -- BHMA612)	<b>\$725</b>
<b>4801-32</b> (Polished Stainless Steel -- BHMA629)	
<b>4801-US3</b> (Bright Brass -- BHMA605)	<b>\$749</b>

Add "LB" to any 4800 series electric strike

**Price:**

**add \$119.00**

Example:  
 - 4800FLB-32D

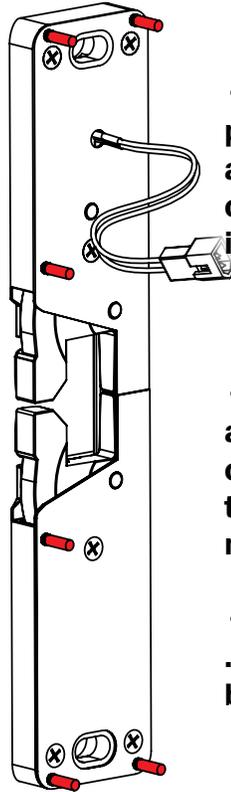
**to the price of  
 the base unit.**

# 4800 SERIES ACCESSORIES & PATENTED ANCHORING PIN SYSTEM



## PATENTED ANCHORING SYSTEM

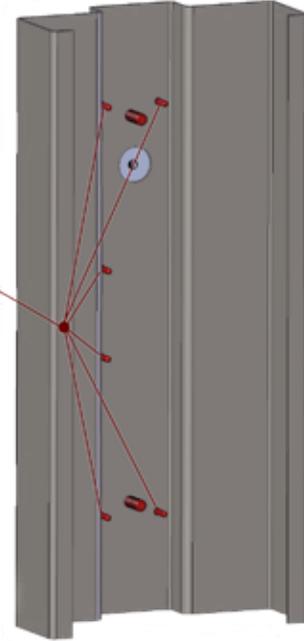
- 4 or 6 Pin system included in every 4800 series strike.
- Prevents strike from shifting on the frame for the most secure installation.
- Two center pins on 4850 suggested for installs in high traffic locations.



• The Anchor System provides up to six additional points of contact for the toughest installations.

• The 4850 can have a total 8 points of connection between the frame and strike for maximum strength.

• Anchoring pins are .128" diameter. A #30 drill bit is recommended.



**Need an Installation Tool?**  
See page 54

**\*\*THE CONFIGURATION IS YOUR CHOICE\*\***

## 4800 Series Accessories

### MWH-5

REMOVABLE MULLION WIRE HARNESS FOR 4800 SERIES ELECTRIC STRIKES

Contains:

- (1) 5' Wire for mullion with male/female connectors.
- (1) Male connector & (1) Female connector.
- (1) Mullion cap, & (1) Wire adhesive.
- (4) Wire caps
- (1) Wire tie

**Price:**

**\$75**

### 4850-AK: ACCESSORIES KIT

Contains:

- (1) Fail safe plunger with spring & (1) Fail safe cam.
- (6) Anchoring pins.
- (2) 1/4-20 x 1" UH Cap socket mounting screws
- (1) Wire connector
- (2) Wire caps

**\$37**

### 4800-AK: ACCESSORIES KIT

Contains:

- (1) Fail safe plunger with spring
- (4) Anchoring pins.
- (2) 1/4-20 x 1" UH Cap socket mounting screws
- (1) Wire connector
- (2) Wire caps

**\$37**

### 4800-SS: TWO 1/16" SPACER PLATES IN 32D

**\$38**

### 4800-SS-DKBZ: TWO 1/16" SPACER IN DARK BRONZE 613E

**\$47**

Fits all 4800 Series Electric Strikes

### 4850-SS: 1/4" SPACER PLATE IN 32D

**\$57**

### 4850-SS-DKBZ: 1/4" SPACER IN DARK BRONZE 613E

**\$61**

Fits all 4800 Series Electric Strikes