

THE ONE BOX SOLUTION

FOR ALL GATE AND OUTDOOR INSTALLATIONS



- FIRE RATED
- BURGLARY RATED
- OUTDOOR RATED
- 294 RATED




EN400CMRP

THE GATE "KIT"
FOR ELECTRIC STRIKES

**THE ONLY ELECTRIC STRIKE THAT CAN CHANGE LATCHES
TO WORK WITH CYLINDRICAL, MORTISE, AND RIM PANICS**

- Contains **ONLY** eight total parts.
- Only **1** moving part in the locking mechanism.
- All stainless steel construction.




- ✦ **Superior Strength** - 1,500+ lbs factory tested.
- ✦ **Superior Life** - 1,000,000+ cycles.
- ✦ **Superior Application** -  Outdoor rating allows the strike to be used where the competition can not.

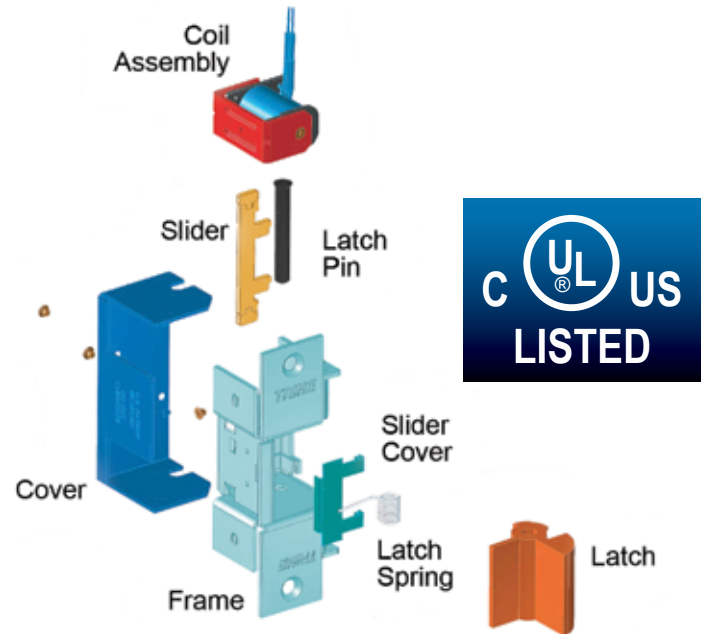
Key Features

- Continuous Duty runs very cool (DC only)
No extra Smart Pacs® needed
- Durability of 1,000,000+ life cycles
- Factory tested to 1,500+ lbs
- **Fail-secure/Fail-safe is field reversible on DC units**
- Left and Right handing is field reversible
- Low Current Draw (DC Models*)
Voltage & Amp draw is the same across all EN Models



Standards

-  Listed 10C - Fire-rated
- Class A, 3-hour, single swing door
(except on 400RP, 800 & 850 models)
-  UL 1034 burglary-resistant
listed and suitable for outdoor use
-  UL 294 (6th Edition) listed
- Tested to Grade 1 - A156.31-2007
- NYC MEA 79-01-E



HOW TO ORDER

Please provide the following information to ensure you receive the CORRECT electric strike.

	Model #	-- Voltage	-- Finish	-- Handing
example:	400	12DC	32D	RH
example:	800	24AC	10B	LH

*Fail Safe Request: Please add "RS" to item#
example: 400RS-12DC-32D-RH

Add \$15 to list price of base model.

Electric Characteristics

Voltage	Amps	Ohms	Duty	Sound
12AC	0.70	4.5	Intm.	Buzz
24AC	0.37	18.0	Intm.	Buzz
12DC	0.28	43.0	Intm./Cont.	Silent
24DC	0.15	164.0	Intm./Cont.	Silent

Wire Lead Color Codes

Voltage Wire Colors

12AC - Blue & Orange/White || 24AC - Blue & Black/White
12DC - 2 - Orange/White || 24DC - 2 - Black/White

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



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THE OUTDOOR SOLUTION

CYLINDRICAL, MORTISE, & RIM PANIC EXIT DEVICES

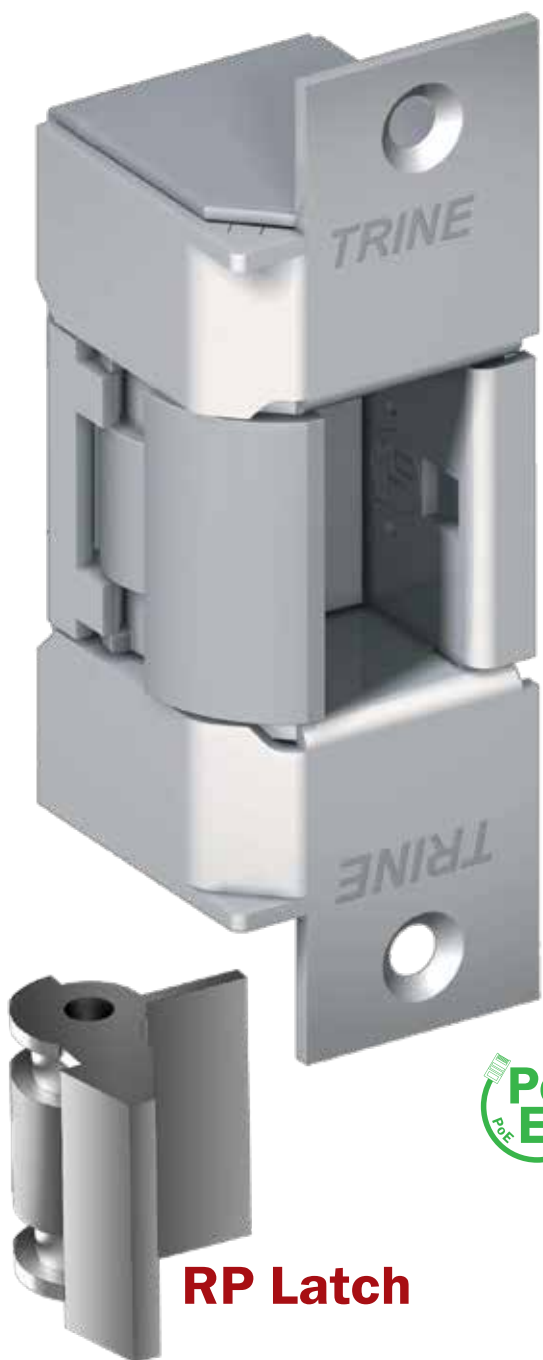
EN400CMRP

**THE ONLY ELECTRIC STRIKE SOLUTION
ON THE MARKET THAT CAN HANDLE**

**CYLINDRICAL, MORTISE,
DEADLATCHES, AND RIM PANICS**

The Flexible 400CMRP Includes:

- A complete strike in the box (see price section below).
- An additional strike latch that allows for use with mortise, cylindrical locks, and rim panic devices.
- The **EN400-Gatebox** - mount the strike anywhere.
- The **EN-24DC-CA** - change the voltage from 12 to 24DC
- Fail safe/Fail secure field reversible.
- Always Low Current Draw



EN400-Gatebox

Install the EN400CMRP
anywhere on the frame or post.

**Steel gatebox
is unfinished**



Aluminum
gatebox
available (see pg 47)

Finishes:

400CMRP-32D (Satin Stainless Steel -- BHMA630)
- unit comes as a 400-12DC-32D-RH; RP (rim panic) latch and 24DC coil are in the box.

Price:

\$637

400RPCM-32D (Satin Stainless Steel -- BHMA630)
- unit comes as a 400RP-24DC-32D-RH; CM (cylindrical/mortise) latch and 12DC coil are in the box.

\$637

Kits cannot be ordered with with latchbolt (LB) monitoring.
Please order from page 46/47 with a gatebox to match.

www.trineonline.com

EN400



- Use with cylindrical and mortise Locks.
- Perfect for exterior doors and gates.
- Latch Shim Kit provided for horizontal cavity adjustment.
- Field reversible handing.
Order a specific hand to save time.

Refer to
pg 42 for
"How to Order"

Finishes: Price:

400-32D (Satin Stainless Steel -- BHMA630) **\$489**

400-BLK (Black Powder Coat) **\$535**

400-US10B (Dark Bronze Powder Coat -- BHMA613E)

400-US3 (Bright Brass -- BHMA605)

400-US4 (Satin Brass -- BHMA606)

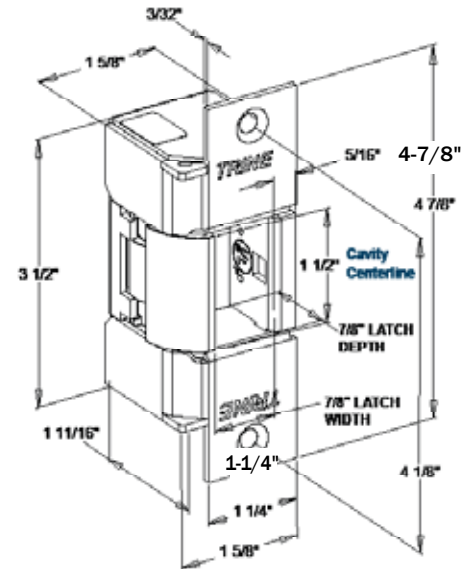
400-US10 (Satin Bronze -- BHMA612)

400-32 (Polished Stainless -- BHMA629)

\$555

EN400-Gatebox
(Steel Gatebox,
unfinished) **\$64**

EN400-Gatebox-AL
(Aluminum Gatebox) **\$110**



EN400RP



(Not UL 10C listed)

- Use with rim panic devices
- Perfect for exterior doors and gates.
- Field reversible handing.
Order a specific hand to save time.
- The Outdoor Rim Panic Solution

Finishes: Price:

400RP-32D (Satin Stainless Steel -- BHMA630) **\$489**

400RP-BLK (Black Powder Coat) **\$535**

400RP-US10B (Dark Bronze Powder Coat -- BHMA613E)

400RP-US3 (Bright Brass -- BHMA605)

400RP-US4 (Satin Brass -- BHMA606)

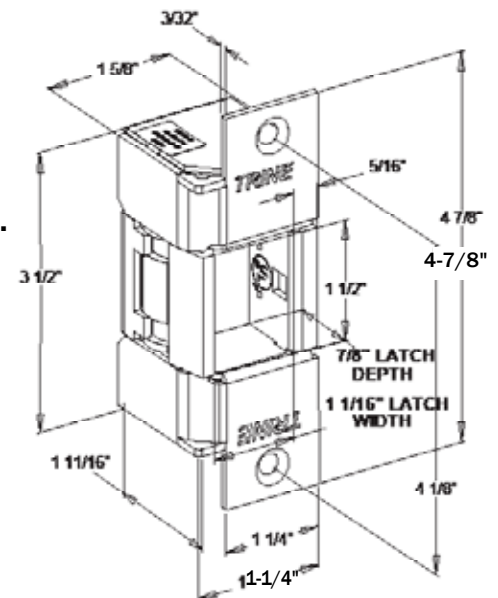
400RP-US10 (Satin Bronze -- BHMA612)

400RP-32 (Polished Stainless -- BHMA629)

\$555

EN400-Gatebox
(Steel Gatebox,
unfinished) **\$64**

EN400-Gatebox-AL
(Aluminum Gatebox) **\$110**



Refer to
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OUTDOOR ELECTRIC STRIKE SOLUTIONS

EN SERIES

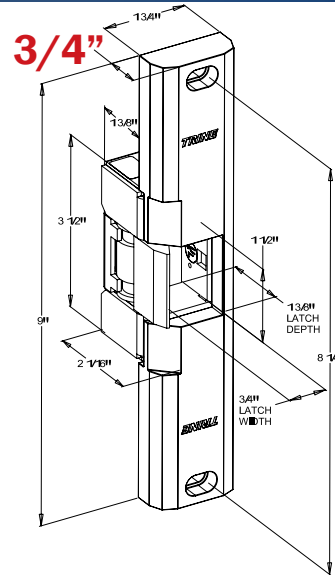


EN800 – GREAT FOR OUTDOOR GATES

For new or replacement installations in wood or metal single door jambs. Use with surface mounted rim exit devices with up to 1" throw. **3/4" thick face plate.**

(Not UL 10C Listed)

Works with Rim Panic Exit Devices



Finishes: **Price:**
800-32D **\$580**
(Satin Stainless Steel – BHMA630)

The following finishes are:

- **800-US3** **\$640**
(Bright Brass – BHMA605)
- **800-US4**
(Satin Brass – BHMA606)
- **800-US10**
(Satin Bronze – BHMA612)
- **800-US10B**
(Dark Bronze Powder Coat – BHMA613E)
- **800-32**
(Polished Stainless – BHMA629)

**Refer to
pg 42 for
"How to Order"**

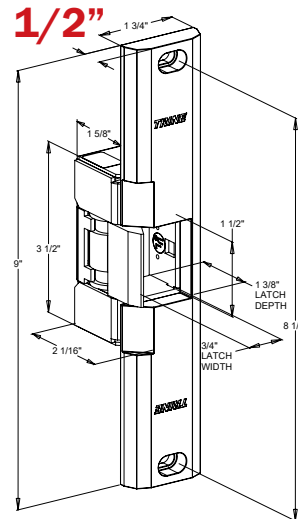


EN850 – GREAT FOR OUTDOOR GATES

For new or replacement installations in wood or metal single door jambs. Use with surface mounted rim exit devices with up to 1" throw. **1/2" thick face plate.**

(Not UL 10C Listed)

Works with Rim Panic Exit Devices.



Finishes: **Price:**
850-32D **\$599**
(Satin Stainless Steel – BHMA630)

The following finishes are:

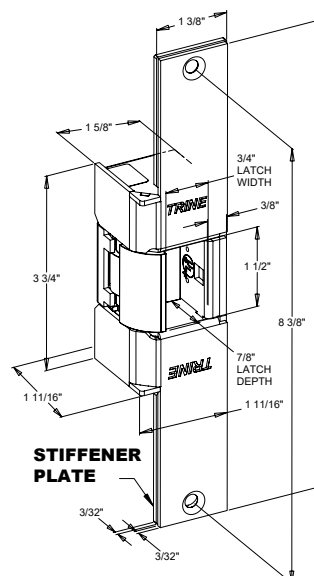
- **850-US3** **\$676**
(Bright Brass – BHMA605)
- **850-US4**
(Satin Brass – BHMA606)
- **850-US10**
(Satin Bronze – BHMA612)
- **850-US10B**
(Dark Bronze Powder Coat – BHMA613E)
- **850-32**
(Polished Stainless – BHMA629)



EN950 – FITS FOLGER ADAM® 310-2 CUTOUT

For new or replacement installations in metal or wood jambs. Use with mortise exit devices, mortise locks without dead bolts and cylindrical locksets with up to 7/8" throw. Based on 1/8" door gap.

Latch Shim Kit provided for horizontal cavity adjustment.



Finishes: **Price:**
950-32D **\$582**
(Satin Stainless Steel – BHMA630)

The following finishes are:

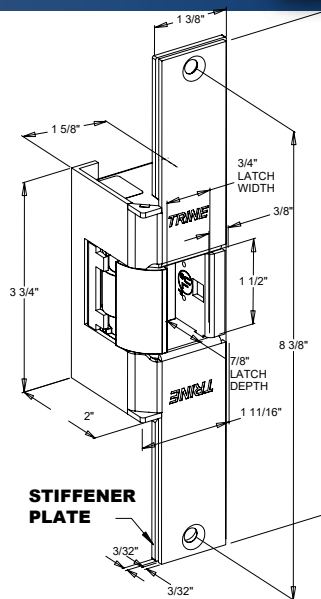
- **950-US3** **\$655**
(Bright Brass – BHMA605)
- **950-US4**
(Satin Brass – BHMA606)
- **950-US10**
(Satin Bronze – BHMA612)
- **950-US10B**
(Dark Bronze Powder Coat – BHMA613E)
- **950-32**
(Polished Stainless – BHMA629)



EN960 – FITS FOLGER ADAM® 310-2 3/4" CUTOUT

For new or replacement installations in metal or wood jambs. Use with mortise exit devices, mortise locks without dead bolts and cylindrical locksets with up to 7/8" throw. Based on 1/8" door gap.

Latch Shim Kit provided for horizontal cavity adjustment.



Finishes: **Price:**

960-32D **\$650**
(Satin Stainless Steel – BHMA630)

The following finishes are:

- **960-US3** **\$710**
(Bright Brass – BHMA605)
- **960-US4**
(Satin Brass – BHMA606)
- **960-US10**
(Satin Bronze – BHMA612)
- **960-US10B**
(Dark Bronze Powder Coat – BHMA613E)
- **960-32**
(Polished Stainless – BHMA629)

TOUGH-AS-NAILS-GO-ANYWHERE-EN-SERIES

Patented outdoor rated latchbolt strike mechanism monitoring.

The LBSM for the 400, 950, 960

- Latchbolt monitoring utilizes a sealed magnetic reed switch and monitors if the lockset latch is engaged with the strike.
- Strike mechanism monitoring detects whether the strike is in the locked or unlocked position

LBM CHARACTERISTICS:

CONTACT FORM:	C
CONTACT RATING:	10W
SWITCHING VOLTAGE:	30V max AC/DC
SWITCHING CURRENT:	0.5 amps
CONTACT RESISTANCE	
STATIC:	150 milliohms (mΩ)
BREAKDOWN VOLTAGE:	200 VDC
OPERATING TEMP:	-40° - 130° C
RATE:	2,000,000+ cycles

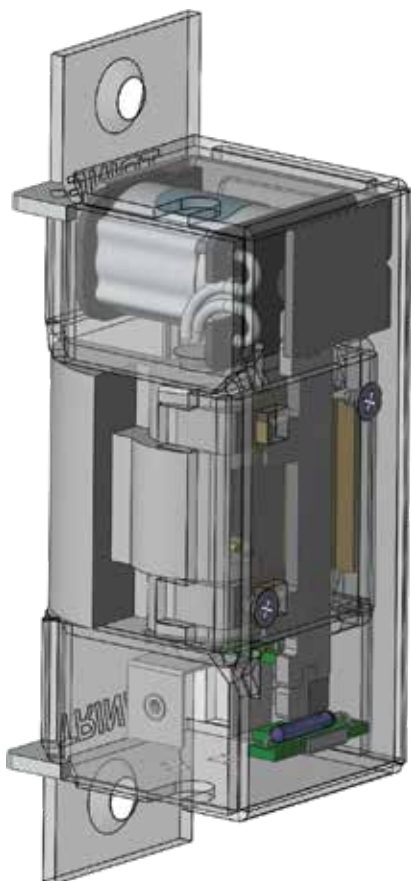
Price:

Add "LBSM" to model 400, 950, or 960

Example: 400LBSM-12DC-32D

add \$119
to the price of the base unit.

Cannot add to 400CMRP/RPCM kits





USE WITH A
GATEBOX FOR
ADDED FLEXIBILITY



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EN SERIES ACCESSORIES

MODEL	DESCRIPTION	Price:
LC-200 	External unit that operates on 12 through 24 DC input and provides inductive kickback and surge protection. When used with the EN Series, 12DC must be selected and the LC200 must be located within 15' of the electric strike.	\$74
EN-CA-12DC	Coil Assembly (Orange/White Wire Leads)	\$55
EN-CA-24DC	Coil Assembly (Black/White Wire Leads)	\$55
EN-CA-12AC	Coil Assembly (Blue/Orange & White Wire Leads)	\$55
EN-CA-24AC	Coil Assembly (Blue/Black & White Wire Leads)	\$55
TRS	(2) Tamper-Resistant Torx® #12-24 Screws	\$12
EN-TS	Trim Skirt (Not for use with 950 & 960)	\$34
EN-LSK	EN Latch Shim Kit for horizontal cavity adjustment.	\$22
ESK-1	EN Service Kit: <ul style="list-style-type: none"> • (1) Latch spring • (2) PFH 12-24x1" mounting screws & (2) PFH 6-32 x 1/8" cover screws • (2) Wire nut caps & (1) assembly pin and instruction sheet 	\$22
BZ-12 	Buzzer for 12 DC operation	\$26
BZ-24	Buzzer for 24 DC operation	\$26
EN400-Gatebox	The weldable gate box solution for use with the EN400 & EN400RP Outdoor rated electric strikes. (Steel gatebox is <i>*Not Finished*</i>).	\$64
EN400-Gatebox-AL	The aluminum gate box solution for use with the EN400 & 400RP.	\$110

**EN400-Gatebox &
EN400-Gatebox-AL
Dimensions**

