

RIM EXIT DEVICE STRIKE

EN-800

APPLICATION

For use in new or replacement installation in **wood** or **metal** single door frames. Use with surface mounted rim exit device with up to **1" throw**.

FEATURES

- FACE PLATE – 1-11/16" X 9" X 3/4"
- **FAIL SECURE/FAIL SAFE: FIELD REVERSIBLE** ON DC UNITS
- ALL STAINLESS STEEL CONSTRUCTION (Stamped Mechanism and Cast Face Plate)
- Mounting and Mechanism Holes Permit Horizontal Adjustment for Ease of Installation
- 45° FACE PLATE RAMP – Standard Feature for Deadlocking Latch and Pins
- HOLDING FORCE – 2000 lbs. UL tested
- DURABILITY – 1,000,000 Life cycles
- FIELD ADJUSTABLE – Left or Right Handing In Minutes
- CAVITY DEPTH - 1-1/4", CAVITY HEIGHT - 1-5/8", CAVITY WIDTH - 3/4"
- SEMI-MORTISE TYPE - Backset 1 1/4" deep

STANDARDS

- **UL LISTED** – 1034 Burglary Resistant Locking Mechanism for **Indoor** or **Outdoor** Use
- **BHMA** – A156.5-1992, Grade 1

OPTIONAL FEATURES

- **NEW EN-LB:** OPTICAL IR LATCHBOLT SENSOR AVAILABLE
- **1/2" THICK FACE PLATE** AVAILABLE. Specify when ordering
- **EN-CA:** Additional coil assemblies available in all voltages listed.
- **LOW VOLTAGE BUZZER** for audible signal when using DC voltage. Specify BZ-12 for 12 VDC or BZ-24 for 24 VDC.

FINISH (Specify When Ordering)

- **STANDARD FINISH** – Satin Stainless Steel US32D
- **SATIN BRASS** – US4
- **BRIGHT BRASS** – US3
- **DARK BRONZE** – Powder Coated
- **BRIGHT CHROME** – US26

ELECTRICAL CHARACTERISTIC CHART*

FOUR MAGNETIC COILS AVAILABLE Color coded wires depict the voltage of each coil

VOLTAGE	WIRE COLOR
12 VAC	Blue(1), Orange/White(1)
24 VAC	Blue(1), Black/White(1)
12 VDC	Orange/White(2)
24 VDC	Black/White(2)

FAIL SECURE – NORMALLY LOCKED (Unlocked when energized) Units with AC coils are for Fail Secure (Intermittent duty) use **only** and should be energized for periods of less than one minute

VOLTAGE	CURRENT AMPS	OHMS	SOUND	DUTY
12 VAC	.70	4.5	Buzz	Intm
24 VAC	.37	18.0	Buzz	Intm
12 VDC	.28	43.0	Silent	Intm/Cont
24 VDC	.15	164.0	Silent	Intm/Cont

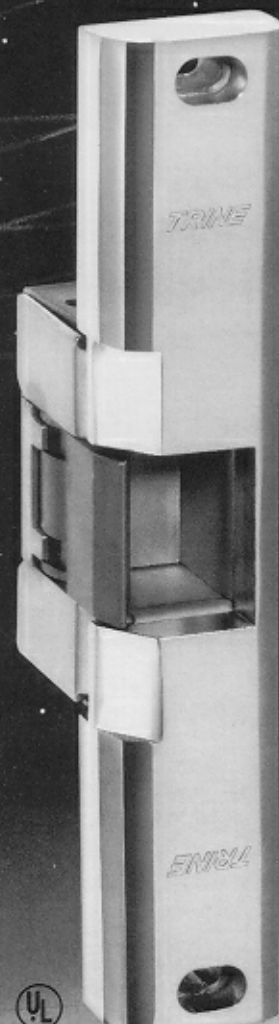
FAIL SAFE (Reverse Action) NORMALLY UNLOCKED (Locked When Energized) Fail safe action (continuous duty) can only operate with DC coil assemblies. Units with DC coils are field reversible, Fail Secure or Fail Safe. AC units must be changed to a DC coil for Fail Safe action or Fail Secure continuous duty operation. Strikes which are energized for periods longer than one minute need to use DC coils.

VOLTAGE	CURRENT/AMPS	OHMS	SOUND	DUTY
12 VDC	.28	43.0	Silent	Intm/Cont
24 VDC	.15	164.0	Silent	Intm/Cont

*Specify voltage when ordering

COMPATIBLE LOCKSETS

ADAMS RITE	8700-8800
AMERICAN	
DEVICE	4300-6300, 53
APR	ED22, 6000
ARROW	S1200, S3800, S4800, S1800
CAL-ROYAL	8000
CORBIN	29, 39, 49, ED8000, 3729, ED9200
	4729, ED6200, ED7200
DOROMATIC	1590/2090, 1090
JACKSON	2095/1095
LIBERTY	L2000
LOCKWOOD	RC
MAGNOKROM	N1900, N1500, N500/900-1
MONARCH	19-R, 18-R, 17-R, 11-R, XX-R
PARKER	UL520, 505-DUR
PRECISION	101
REED	900/9100, 9200/3050, 1300/4000
RUSSWIN	372/472, ED8000, 572/736, ED9200, 635, ED6200, ED7200
SARGENT	2810, 8510, 8810/8888, 9810
TACO	ED500, ED-301
VON DUPRIN	22, 33, 55, 88, 98, 99
YALE	1500/2200, 7000/7100, 7200



NOTE: Compatible lockset designations are offered as a convenience only; reference should be made to manufacturers catalogs for complete data as to exact requirements. Caution must be taken in the alignment of locks with latchbolts when used with an electric strike. The spacing between the door and door jamb varies. If the gap is exceptionally tight, the latchbolt may not project to its maximum length. Trine Products Company, assumes no liability for differences between items compared.