

ELECTRIC STRIKE EN-435

APPLICATION

For use in new or replacement installation in **metal** jambs. Designed to be used with mortise locks with up to 1" throw* **without** the need of relocating the centerline.

FEATURES

- FACE PLATE – 1-1/4" X 4-7/8"
- ALL STAINLESS STEEL CONSTRUCTION
- DURABILITY – 1,000,000 Life cycles
- HOLDING FORCE – 2000 lbs. UL tested
- CAVITY DEPTH - 7/8", CAVITY HEIGHT - 1-1/2", CAVITY WIDTH - 1"
- CAVITY CENTERLINE OFFSET 3/4"
- HANDED-SPECIFY LH OR RH
- MORTISE TYPE - Backset 1 3/4" deep

STANDARDS

- **UL LISTED** – 10B fire rated (Class A, 3-hour, Single Swing Doors)
- **UL LISTED** – 1034 Burglary Resistant Locking Mechanism for **Indoor** or **Outdoor** Use
- **ANSI** – 1-1/4" X 4-7/8"
Fits Cutout Specification A115.1 (with Slight Jamb Modification)
- **BHMA** – A156.5-1992, Grade 1

OPTIONAL FEATURES

- **NEW EN-LB:** OPTICAL IR LATCHBOLT SENSOR AVAILABLE
- **EN-SLR-RS,** Fail Safe Slider available for DC Units
- **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 (EN435RS) (Locked When Energized) Continuous duty, either Fail Secure or Fail Safe action, need to use DC coil assemblies. Strikes energized for periods longer than one minute are to be considered continuous duty operation. Fail Safe: DC units can be ordered Fail Safe action by adding "RS" to model number. Fail Secure DC units can be changed to Fail Safe action by ordering optional part # **EN-SLR-RS**.

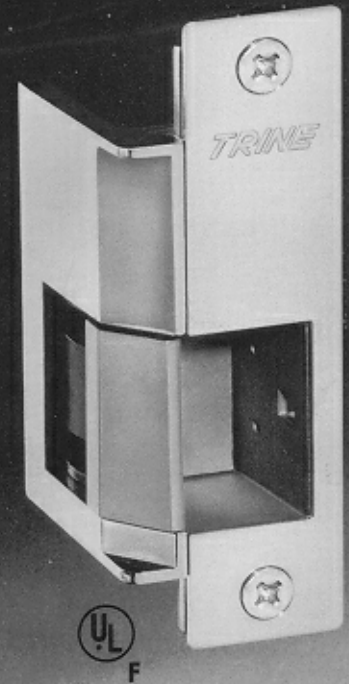
VOLTAGE	CURRENT/AMPS	OHMS	SOUND	DUTY
12 VDC	.28	43.0	Silent	Intm/Cont
24 VDC	.15	164.0	Silent	Intm/Cont

*1" throw based on 1/8" door gap.

**Specify voltage when ordering

COMPATIBLE LOCKSETS FOR EN435

ACCURATE	9000, 9100 SERIES
ARROW	A-SERIES
BEST	34H-37H
CORBIN	ML2200
FALCON	M SERIES
MARKS	5036
PDQ	ML SERIES
SARGENT	7800-8200



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.

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