# Ultraline 7430, 7431 Electric Strikes

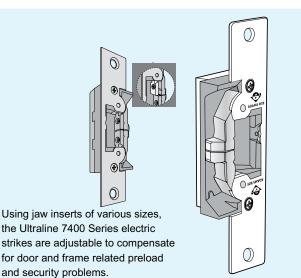


7430, 7431 Electric Strikes with 6-7/8" faceplates are designed for Adams Rite deadlatches or cylindrical locksets with 1/2" to 5/8" latchbolt projection. For use in aluminum jambs and stiles. Opens electrically under 35lbs. of preload.

## **Function**

Remote electrical control of any narrow stile or hollow metal door equipped with an Adams Rite 4500, 4700, or 4900 Series (or similar) Deadlatch or cylindrical (key-in-knob/lever) type lockset with 1/2" to 5/8" latchbolt projection. Large faceplate is designed to cover strike opening when converting from an MS<sup>®</sup> pivoted-bolt deadlock to a deadlatch. Electrical actuation unlocks strike jaw, releasing latchbolt so door can be opened without operating latch itself. Extremely compact mechanism fits into jamb sections as shallow as 1-1/16". Direct upgrade for Adams Rite 7130 Electric Strikes.

This non-handed strike features an ultra-compact design and an adjustable stainless steel split-jaw with over 1500 lbs. of holding force in fail-secure mode. The strike releases electrically with up to 35 lbs. of door "preload" (pressure exerted on doors by air conditioning systems, warping or misaligned hardware which can disable common electric strikes). Single solenoid operates on 12, 16, or 24 volt AC/DC power. Strikes are equipped with a quick connect plug-in type connector.



**Specifications** 

#### FAIL-SAFE/FAIL-SECURE

• Field selectable at time of installation.

#### CASE

• Approximately 1" x 3-3/8" x 1-1/16" deep.

#### STRIKE LIP

 Basic 7400 electric strike has lip of proper length for 1-3/4" thick door that closes flush with jamb edge. Where door thickness or jamb shape differs from this standard relationship, lip extension kits are available. Not available on 7431.

ULTRALINE 7430, 7431 ELECTRIC STRIKES

#### STRIKE OPENING

 5/8" adjustable x 1-7/16" x 1/2" deep. Bolt retainer jaw is stainless steel. Strike accepts bolt of Adams Rite 4500, 4700 (discontinued), or 4900 Series Deadlatch or cylindrical latches.

#### FACEPLATE

 Measures 1-1/4" x 6-7/8". 7430 has flat faceplate; 7431 is radiused to match nose on inactive leaf in a pair of aluminum stile glass doors. Available in a wide range of architectural finishes.

#### VOLTAGE

• Field selectable to match power source of 12, 16, or 24 VAC/VDC.

#### **CURRENT DRAW/AMPS**

AC INTERMITTENT	DC CONTINUOUS
0.163	0.440
0.228	0.458*
0.084	0.230
	0.163 0.228

\*Requires 16 DC adapter (P/N VA 7400-16VDC)

#### STANDARD PACKAGE

 Individually boxed with mounting screws, mounting tabs, adhesive shims to accommodate jamb or stile extrusion thickness greater or less than nominal 1/8", an adjustable jaw shim pack and two plug-in voltage adapters for 12/16/24 VAC and 12/24 VDC.

#### **OPTIONS**

- Monitoring Two internally mounted switches (Form "C") to indicate when the latchbolt is engaged in the strike jaws and a locked/unlocked solenoid status.
- Lip Extension Kits For various dimensions of door centerline to jamb edge.
- Modular Packaging Consult factory or sales representative for details.
- ELX-ElectroLynx ™ Adapter Connects Adams Rite electrified products to ElectroLynx system.
- 16 VDC Adapter VA7400-16VDC required when using 16 VDC power.



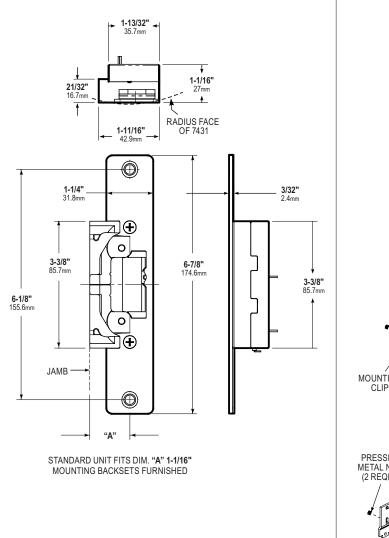
10027 S. 51st Street, Ste 102 Phoenix, Arizona 85044 www.adamsrite.com

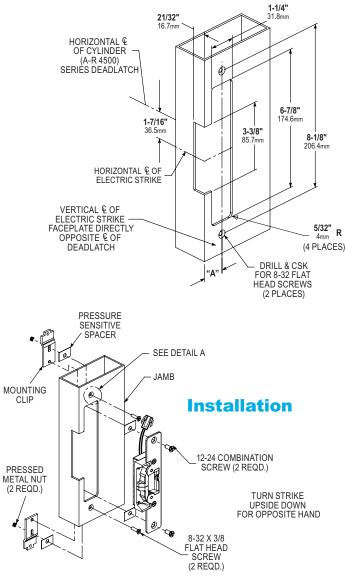
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All measurements are approximate and are provided for informational purposes only. Refer to the product Installation Instructions.

## **Dimensions**

## **Jamb Preparation**





### HOW TO ORDER 7430, 7431 ELECTRIC STRIKE Specify quantity and the following information. Order related products separately.

PRODUCT NO.	FACEPLATE SHAPE	FEATURES	FINISH	
743	0	Μ		628
	0 Flat	- None	STANDARD FINISHES	RITECOAT FINISH (7431 ONLY)
	1 Radius	M Monitored	313 Dark Bronze Anodized	119 To match 335 Black Anodized
			335 Black Anodized	121 To match 313 Dark Bronze Anodized
			628 Clear Anodized	130 To match 628 Clear Anodized

Fail-secure can be field converted to fail-safe or vice-versa

RELATED PRODUCTS When purchasing this product, please consider the following related products, available separately:

Options	Power	Deadlatches	
Lip extensions.	4603 Rectifier, 4605/4606 Transformer, Piezo	4500 and 4900 Series Deadlatches. Note that 4700 Deadlatch	
ELX-ElectroLynx™ Adapter.	Horn audible indicator, PS-1.	is discontinued and replaced by 4900 Deadlatch.	
VA7400-16VDC Adapter.			