UltraLine® 7400 Series

Electric Strikes for Adams Rite Deadlatches, Cylindrical Locks

Designed for use with Adams Rite deadlatches or cylindrical locksets with 1/2" [12.7 mm] to 5/8" [15.9 mm] latchbolt projection. For use in aluminum, hollow metal, or wood applications.

Open electrically under 25 lbs [11.3 kg] of preload. Preload is pressure exerted on doors by air conditioning systems, warping or misaligned hardware which can disable common electric strikes.



7400 7401



7410 7411 7430



7431 7440

Function

This non-handed strike features an ultra-compact design and adjustable stainless steel keepers with over 1,500 lbs [680.4 kg] of holding force in fail secure mode. The strike releases electrically with up to 25 lbs of door preload. Single solenoid operates on 12/16/24 VDC power.

Remote electrical control of narrow stile aluminum doors equipped with an Adams Rite 4500, 4700 (discontinued), or 4900 Deadlatch or cylindrical lockset with 1/2" [12.7 mm] to 5/8" [15.9 mm] latchbolt projection. Electrical actuation unlocks the keeper, releasing the latchbolt so the door may be opened without operating the latch itself.

Certifications

UL 1034
UL 294
ULC-S319
ANSI/BHMA A156.18
ANSI/BHMA A156.31 Electric Strikes and Frame Mounted Actuators, Grade 1

Features

Case
1-13/32" x 3-3/8" x 1-1/16" deep [35.7 mm x 85.7 mm x 27 mm deep]

Strike Lip
Basic 7400 strike has lip of proper length for 1-3/4" [44.5 mm] thick door that closes flush with jamb edge. Where door thickness or jamb shape differs from this standard relationship, lip extension kits are available. Lip extension kits not available on 7401, 7431

Strike Opening
5/8" adjustable x 1-7/16" x 1/2" deep [15.9 mm adjustable x 36.5 mm x 12.7 mm deep]. Bolt retaining keeper is stainless steel. Strike accepts bolt of Adams Rite 4500, 4700 (discontinued), or 4900 Deadlatch or cylindrical locksets.

Latchbolt Projection
1/2" to 5/8" [12.7 mm to 15.9 mm]

Preload
7400 Series Electric Strikes open electrically under 25 lbs [11.3 kg] of preload. Preload is pressure exerted on doors by air conditioning systems, warping or misaligned hardware which can disable common electric strikes.

Using jaw inserts of various sizes, the Ultraline 7400 Series electric strikes are adjustable to compensate for door and frame related preload and security problems.

Faceplate
Available in a variety of architectural finishes.

7400	1-1/4" x 4-7/8" [31.8 mm x 123.8 mm]	Flat with radius corners
7401	1-1/4" x 4-7/8" [31.8 mm x 123.8 mm]	Radiused to match nose on inactive leaf in a pair of narrow stile doors.
7410	1-7/16" x 7-15/16" [36.5 mm x 201.6 mm]	Flat with radius corners
7411	1-7/16" x 10-1/4" [36.5 mm x 260.4 mm]	Flat with radius corners
7430	1-1/4" x 6-7/8" [31.8 mm x 174.6 mm]	Flat with radius corners
7431	1-1/4" x 6-7/8" [31.8 mm x 174.6 mm]	Radiused to match nose on inactive leaf in a pair of narrow stile doors
7440	1-1/4" x 4-7/8" [31.8 mm x 123.8 mm]	Flat with square corners

7430/7431: Large 6-7/8" faceplate is designed to cover strike opening when converting from an MS® pivoted-bolt deadlock to deadlatch.

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" [3.2 mm], an adjustable keeper shim pack and two plug-in voltage adapters for 12/24 VDC.

Shipping Weight
2 lbs [0.91 kg].

Electrical

Voltage
Field selectable to match power source of 12/24 VDC. VA7400-16VDC voltage adapter required when using 16 VDC power, available separately. Equipped with a quick connect plug-in type connector.

Current Draw
.44 A at 12 VDC

.46 A at 16 VDC*

.23 A at 24 VDC

*Requires 16 DC adapter (P/N VA7400-16VDC)

Fail Safe | Fail Secure
Field selectable fail safe/fail secure

Options

- Available with two Form 'C' monitoring switches 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; for flat faceplates only.
- **Modular Packaging**
  Match one strike body kit with one faceplate kit to make a complete electric strike. Faceplate kits contain all hardware to mount electric strike. Please contact 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
- **Wood Door Cover**
  WDC7400 for use when mounting the 7400 Series Electric Strike on the inactive leaf of a pair of doors. The cover simplifies the mortise prep.

Related Products

7400/7401, 7410/7411, 7430/7431, 7440
When purchasing this product, please consider the following related products, available separately:

DEADLATCHES	EXIT DEVICES	ACCESSORIES	POWER
4510, 4530, 4900, 4920AN Series Deadlatches	8300, 8400 Mortise Exit Device	Modular Kits, Lip Extension Kits, WDC7400-Wood Door Cover	PS-1 Power Supply, 4603 Rectifier, 4605/4606 Transformer, Piezo Horn audible indicator, ElectroLynx connector, VA7400 Voltage Adapter

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