

UltraLine® 74R1, 74R2

Electric Strikes for Rim Exit Devices with Pullman Type Latchbolts



74R1

74R2



74R1 Electric Strike is designed for rim exit devices with 3/4" [19.1 mm] Pullman latchbolts. For use in aluminum, hollow metal or wood applications.

74R2 Electric Strike is designed for narrow stile rim exit devices with 1/2" [12.7 mm] Pullman latchbolts. Designed for use in aluminum 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.

Function

These non-handed strikes feature 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 strikes release electrically with up to 25 lbs of door preload. Single solenoid operates on 12/16/24 VDC power. Provides electrical remote control, allowing door to open without actuation of the exit device.

Certifications

UL 1034 Burglary-Resistant Listed and Suitable for Outdoor Use

UL 294
ULC-S319
ANSI/BHMA A156.18

ANSI/BHMA A156.31
Electric Strikes and Frame Mounted Actuators, Grade 1

Features

Case

74R1: 1-13/32" x 3-3/8" x 1-1/16" deep
[35.7 mm x 85.7 mm x 27 mm deep]

74R2: 1-13/32" x 3-3/8" x 1-1/8" deep
[35.7 mm x 85.7 mm x 28.6 mm deep]

Strike Opening

Bolt retaining keeper is stainless steel.

74R1: 5/8" x 1-7/16" x 9/16" deep
[15.9 mm x 36.5 mm x 14.3 mm deep].
Strike accepts Pullman latch of exit devices without deadlocking bolts.

74R2: 5/8" x 1-7/16" x 1/2" deep
[15.9 mm x 36.5 mm x 12.7 mm deep].

Faceplate

Not separate

74R1: 1-3/4" x 9 x 11/16"
[44.5 mm x 228.6 mm x 17.5 mm]

74R2: 1-5/8" x 9 x 1/2"
[41.3 mm x 228.6 mm x 12.7 mm]

Latchbolt Projection

74R1: 3/4" [19.1 mm]

74R2: 1/2" [12.7 mm]

Standard Package

Individually boxed with mounting plate shims, mounting screws, and installation instructions.

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

.44A at 12 VDC

.46A at 16 VDC*

.23A at 24 VDC

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

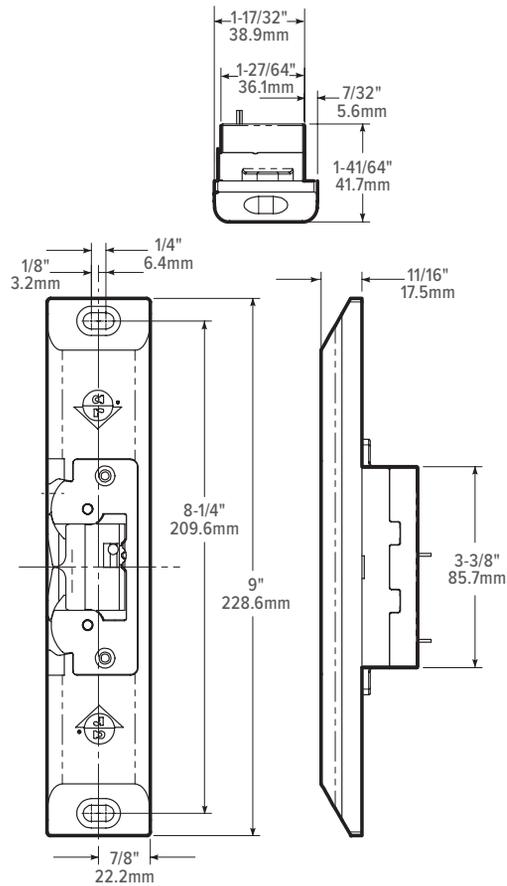
Fail Safe | Fail Secure

Field selectable fail safe/fail secure

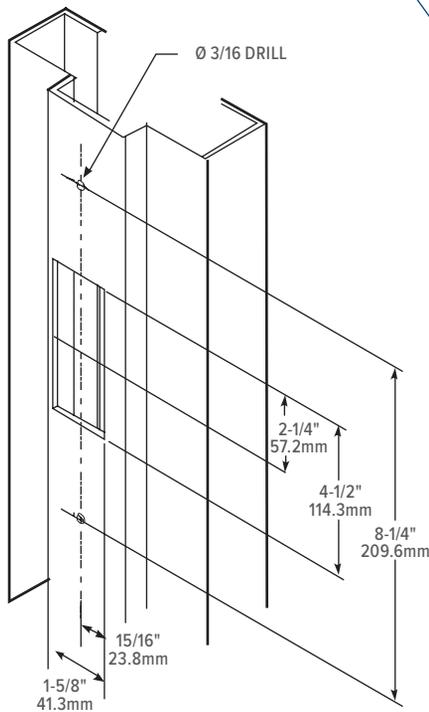
Options

- Available with two Form 'C' monitoring switches to indicate when the latchbolt is engaged in the strike jaws and a locked/unlocked solenoid status.
- **ELX-ElectroLynx® Adapter**
Connects Adams Rite electrified products to ElectroLynx system
- **16 VDC Adapter**
VA7400-16 VDC required when using 16 VDC power

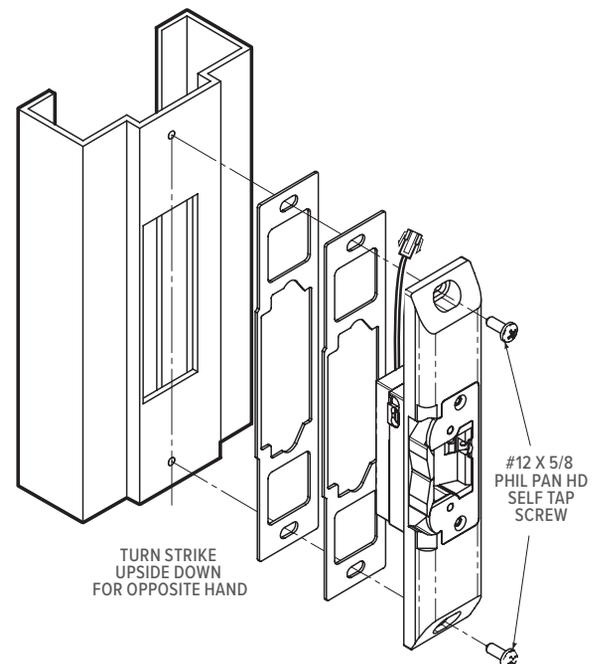
74R1 Dimensions



Jamb Preparation

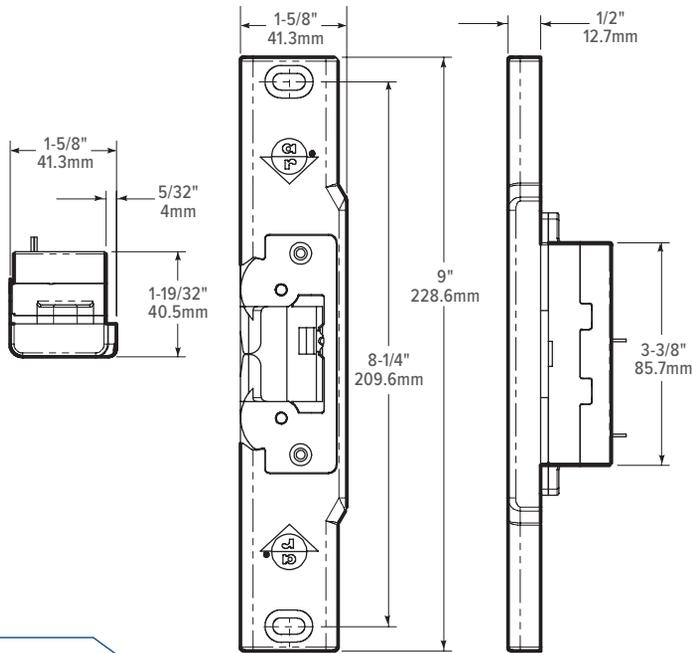


Installation

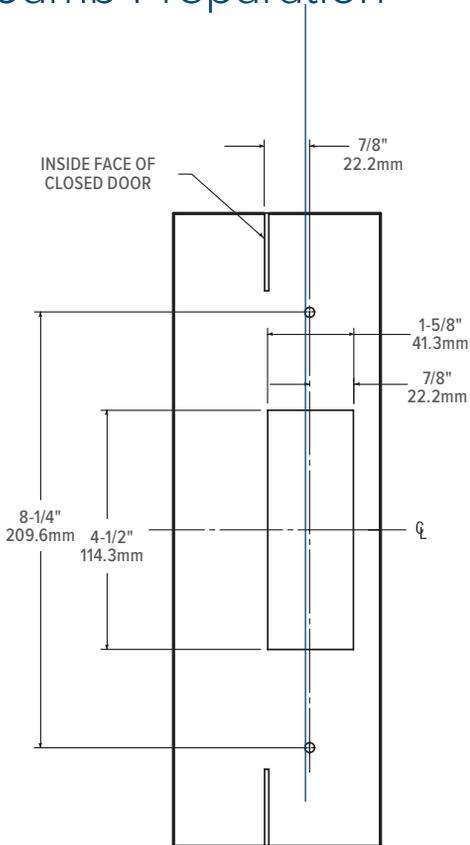


All measurements are approximate and are provided for informational purposes only. Refer to the product Installation Instructions.

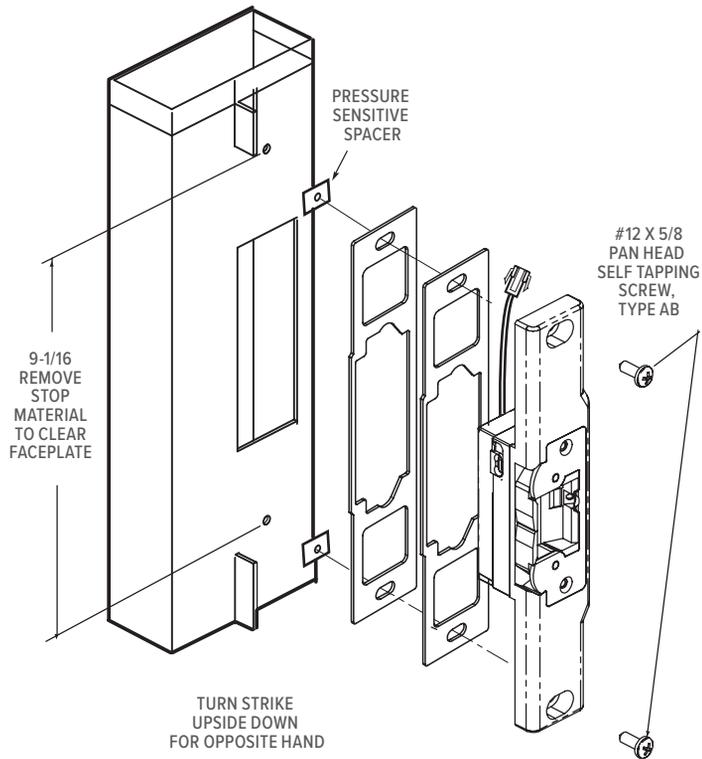
74R2 Dimensions



Jamb Preparation



Installation



How to Order & Related Products

74R1 Electric Strike: Specify quantity and the following information. Order related products separately.

MODEL	FEATURES*	FINISH
74R1	M	-130
	- None	119 To match 335 Black Anodized
	M Monitored	121 To match 313 Dark Bronze 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:

EXIT DEVICES	POWER
P8800/P8700 Pullman Rim Exit Devices	PS-1 Power Supply, 4603 Rectifier, 4605/4606 Transformer, Piezo Horn audible indicator, ElectroLynx connector, VA7400-16VDC Adapter

How to Order & Related Products

74R2 Electric Strike: Specify quantity and the following information. Order related products separately.

MODEL	FINISH
74R2	-130
	119 To match 335 Black Anodized
	121 To match 313 Dark Bronze Anodized
	130 To match 628 Clear Anodized

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

RELATED

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POWER
PS-1 Power Supply, 4603 Rectifier, 4605/4606 Transformer, Piezo Horn audible indicator, ElectroLynx connector, VA7400-16VDC Adapter