

Adams Rite Electric Strike Overview

Full line of electric strikes and related hardware

Adams Rite
ASSA ABLOY

Experience a safer and more open world



Adams Rite provides a rounded range of electric strikes compatible with deadlatches, cylindrical and mortise locksets, and rim exit devices in aluminum, hollow metal, and wood applications. From basic, cost-efficient Grade 1 electric strikes to premium preload-capable Ultraline® Series, and with an extensive range of options and finishes, Adams Rite has the electric strike to fit any need with unmatched dependability.

adamsrite.com/electricstrikes

7100 Series

for Adams Rite Deadlatches and Cylindrical Locksets

- Designed for use with Adams Rite 4500 and 4900 Series deadlatches and an array of cylindrical locksets with 1/2" to 5/8" latchbolt projection
- Factory configured and field selectable fail safe / fail secure
- Faceplates available in a variety of size, shape, architectural finishes



Related Products

Deadlatches
4510, 4530, 4900, 4920AN Series

Exit Devices
8300, 8400 Mortise

Power
PS-1: Provides filtered and regulated voltage output to power electric strikes.

Power Accessories
4605 & 4606 Transformer, 4603 Rectifier, 29-0218 Piezo Horn

7160, 7170 Series

for Mortise or Cylindrical Locksets

- Designed for use with mortise or cylindrical type locksets with up to ¾" latchbolt projection without deadbolt
- Factory configured and field selectable fail safe / fail secure
- Faceplates available in a variety of size, shape, architectural finishes



Related Products

Power
PS-1: Provides filtered and regulated voltage output to power electric strikes.

Power Accessories
4605 & 4606 Transformer, 4603 Rectifier, 29-0218 Piezo Horn

7200 Series

Fire-Rated for Mortise or Cylindrical Locksets

Fire Rated
3 hour single door (fail secure only)

- 7240 is designed for cylindrical locksets with up to 5/8" latchbolt projection
- 7270 is designed for mortise or cylindrical locksets with up to 3/4" latchbolt projection without deadbolt.
- Assembled and fire-rated in fail secure mode only.



Related Products

Power
PS-1: Provides filtered and regulated voltage output to power electric strikes.

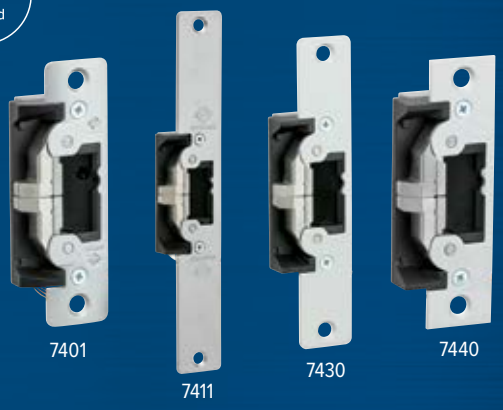
Power Accessories
4605 & 4606 Transformer, 4603 Rectifier, 29-0218 Piezo Horn

UltraLine® 7400 Series

Preload

for Adams Rite Deadlatches, Cylindrical Locksets

- Designed for use with Adams Rite 4500 and 4900 Series deadlatches and an array of cylindrical locksets with 1/2" to 5/8" latchbolt projection
- Opens electrically under 25 lbs of preload
- Dual voltage 12/24 VDC
- Field selectable fail safe / fail secure
- Faceplates available in a variety of size, shape, architectural finishes



Related Products

Deadlatches
4510, 4530, 4900, 4920AN Series

Exit Devices
8300, 8400 Mortise

Power
PS-1: Provides filtered and regulated voltage output to power electric strikes.

Power Accessories
4605 & 4606 Transformer, 4603 Rectifier, 29-0218 Piezo Horn

UltraLine® 74R1, 74R2 Series

Preload

for Rim Exit Devices with Pullman Latchbolts

- **74R1** is designed for use with rim exit devices with ¾" Pullman latchbolts
- **74R2** is designed for narrow stile rim exit devices with ½" Pullman latchbolts.
- Opens electrically under 25 lbs of preload
- Dual voltage 12/24 VDC
- Field selectable fail safe / fail secure
- Faceplate is not separate



Related Products

Exit Devices
EX89 Pullman Rim Exit Device

Power
PS-1: Provides filtered and regulated voltage output to power electric strikes.

Power Accessories
4605 & 4606 Transformer, 4603 Rectifier, 29-0218 Piezo Horn

About Preload

Preload

Preload is pressure exerted on a door, often by air conditioning systems, warping, or misaligned hardware, which can disable common electric strikes leaving doors unlocked and a building vulnerable.

With a robust and compact design featuring adjustable stainless steel split-jaws and over 1500 lbs of holding force, UltraLine 7400 Series Electric Strikes can release electrically with up to 25 lbs of door preload.

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

7800 Series

for Rim Exit Devices with Starwheel/Interlocking Type Latchbolts

- ▶ Designed for use only with Adams Rite rim exit devices with a Starwheel or Interlocking latchbolt
- ▶ Dual voltage 12/24 VDC
- ▶ Field selectable fail safe / fail secure
- ▶ Faceplate available in a variety of architectural finishes

Related Products

Exit Devices
8700, 8800, EX88 Starwheel/Interlocking Rim Exit Devices

Power
PS-1: Provides filtered and regulated voltage output to power electric strikes.

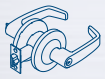
Power Accessories
4605 & 4606 Transformer, 4603 Rectifier, 29-0218 Piezo Horn



7800

Options & Accessories

Form 'C' Monitoring Switches	Indicates when latchbolt is engaged in the strike and whether the strike jaw is blocked. *Not available on 7130/7131, 7140*
Lip Extension Kits	For various dimensions of door centerline to jamb edge; for flat faceplates only. *Not available on 7101, 7131*
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. *Not available on 7200 Series.*
ELX-ElectroLynx® Adapter	Connects Adams Rite electrified products to ElectroLynx system. *Available only for 7400, 74R1, 74R2 Series.*
16 VDC Adapter	VA7400-16VDC required when using 16 VDC Power for 7400 Series. *Available only for 7400, 74R1, 74R2 Series.*
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. *Available only for 7400, 74R1, 74R2 Series.*

		7100 Series	7160, 7170	7200 Series	7400 Series	74RX Series	7800
							
Application	Aluminum 	7100/7101 7110/7111 7130/7131	7160		7100/7401 7410/7411 7430/7431	74R1 74R2	✔
	Hollow Metal, Wood 	7110/7111 7140	7170	✔	7410/7411 7440	74R1	✔
	Surface Mounted – no cutting required						✔
	Strike Body Depth	1-5/8"	1-7/8"	7240: 1-5/8" 7270: 1-7/8"	1-1/16"	74R1: 1-1/16" 74R2: 1-1/8"	9/16" (Installation Template Available)
	Deadlatches 	✔			✔		
	Cylindrical Lockset 	✔	✔	7240 7270	✔		
	Mortise Lockset 		✔	7270			
	Pullman Rim Exit Device 					74R1 (1/2") 74R2 (3/4")	
	Starwheel/ Interlocking Rim Exit Device 						✔
Holding Force	Static Strength	1500 lbs	1500 lbs		1500 lbs	1500 lbs	1500 lbs
	Dynamic Strength	70 ft lbs	70 ft lbs		70 ft lbs	70 ft lbs	70 ft lbs
Electrical	Dual Voltage 12/24	Must specify voltage when ordering: 7100,7160/7170, 7200			✔	✔	✔
	12 VDC / VAC Current Draw	0.33A / 1.42A VAC	0.33A / 1.42A VAC	0.33A / 1.42A VAC	0.44A	0.44A VDC	0.45A
	16 VDC Current Draw / VAC Current Draw	0.22A / 0.63A VAC	0.22A / 0.63A VAC		0.46A Requires 16 DC adapter (P/N VA7400-16VDC)	0.46A Requires 16 DC adapter (P/N VA7400-16VDC)	
	24 VDC Current Draw / VAC Current Draw	0.17A / 0.74A VAC	0.17A / 0.74A VAC	0.17A / 0.74A VAC	0.23A	0.23A	0.25A
	Field Selectable (Fail Secure/Fail Safe)	✔	✔	Assembled fail secure only	✔	✔	✔



		7100 Series	7160, 7170	7200 Series	7400 Series	74RX Series	7800
							
Certifications & Listings	UL 1034 Burglary-Resistant Listed (indoor)	✔	✔				✔
	UL 1034 Burglary-Resistant Listed (outdoor)						✔
	UL 294 Listed	✔	✔				✔
	UL 305 listed						✔
	ANSI/BHMA A156.23 Grade 1	✔	✔				
	ANSI/BHMA A156.31, Grade 1				✔	✔	✔
	UL 10C Fire Rated (3 hour single door)			✔ fail secure only			
	CAN/ULC-S104 Fire Door Conformant			✔			
	Rohs Compliant						✔
Specifications	Preload Capable				✔	✔	
	Cycle Testing	250 K	250 K	250 K	250 K	250 K	1 M
	Finish Options	7 (varies by model)	4	1	7 (varies by model)	3	7
	Monitoring Type (factory configured)	Latchbolt + Strike Status	Latchbolt + Strike Status	Latchbolt + Strike Status	Latchbolt + Strike Status	Latchbolt + Strike Status	Latchbolt + Strike Status
	Warranty	5 years	5 years	5 years	5 years	5 years	5 years
	Construction (bolt retaining keeper)	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
Options	Lip Extension Kits	✔	✔	✔	✔		
	Modular Packaging (1 strike body kit + 1 faceplate kit)	✔	✔		✔		
	ELX-ElectroLynx® Adapter				✔	✔	
	16 VDC Adapter				✔	✔	✔
	Wood Door Cover				✔		





The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, frames, door and window hardware, locks, perimeter fencing, access control and service.

Adams Rite
ASSA ABLOY

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Patent pending and/or patent www.assaabloydss.com/patents.

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