Adams Rite

ASSA ABLOY

Experience a safer
and more open world

Architectural Hardware
2022 Product Catalog

UL LISTED

1 Grade 1

Burglary Listed

Electrified Product

7100 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.

7100   7101

7130   7131

7110   7111

7140

Function

Remote electrical control of any door 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 burglary-resistant listed

UL 294 (6th Edition) listed

Features

Case
 1" x 3-3/8" x 1-5/8" deep
[25.4 mm x 85.7 mm x 41.3 mm deep].

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

Strike Lip
Basic 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, specified by last dash number.

• Lip extension kits not available on 7101 or 7131.

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

Faceplate
Available in a variety of architectural finishes.

7100	1-1/4" x 4-7/8" [31.8 mm x 123.8 mm]	Flat with radius corners
7101	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.
7110	1-7/16" x 7-15/16" [36.5 mm x 201.6 mm]	Flat with radius corners
7111	1-7/16" x 10-1/4" [36.5 mm x 260.4 mm]	Flat with radius corners
7130	1-1/4" x 6-7/8" [31.8 mm x 174.6 mm]	Flat with radius corners
7131	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
7140	1-1/4" x 4-7/8" [31.8 mm x 123.8 mm]	Flat with square corners

7130/7131: Large 6-7/8" faceplate is designed to cover strike opening when converting from an MS® pivoted-bolt deadlock to deadlatch.

Adams Rite
ASSA ABLOY

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

7100 | 107
Series ELECTRIC STRIKES
Electric
Strikes

Standard Package

Individually boxed with mounting screws, mounting clips, adhesive shims to accommodate jamb or stile extrusion thickness greater or less than nominal 1/8" [3.2 mm].

7140 Includes mounting clips and adhesive shims for use where welded tabs are omitted.

Shipping Weight

2 lbs [0.91 kg].

Electrical

Voltage

Available in 12, 16, or 24 Volt AC and DC. DC continuous units are silent, AC intermittent units "buzz" on operation.

Current Draw

0.33 A at 12 VDC	1.42 A at 12 VAC
0.22 A at 16 VDC	0.63 A at 16 VAC
0.17A at 24 VDC	0.74 A at 24 VAC

Fail Safe | Fail Secure

Field selectable at time of installation. However, AC intermittent solenoid must not be used continuously in either.

Options

• Available with two Form 'C' monitoring switches to indicate when the 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 or 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. Please contact factory or sales representative for details.

Related Products

7100/7101, 7110/7111, 7130/7131, 7140

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	Lip Extension Kits, Modular Kits, Monitor Kits	PS-1 Power Supply, 4603 Rectifier, 4605/4606 Transformer, Piezo Horn audible indicator, ElectroLynx connector

Experience a safer and more open world
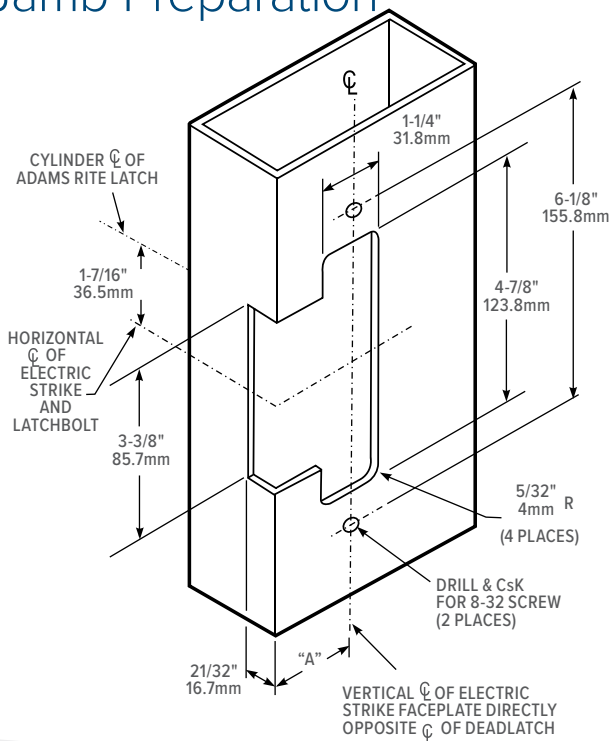
Adams Rite
ASSA ABLOY

Aluminium

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

7100/7101 Dimensions

1-15/32" 37.3mm
1/4" 6.4mm
1-1/8" 28.6mm
1" 25.4mm
1-5/8" 41.3mm
1-1/16" 27mm
21/32" 16.7mm
2-5/8" 66.7mm RADIUS FACE OF 7101

1-1/4" 31.8mm
3/32" 2.4mm
4-1/8" 104.8mm
3-3/8" 85.7mm
4-7/8" 123.8mm
3-3/8" 85.7mm
JAMB EDGE
"A"
STANDARD UNIT FITS DIM. "A" UP TO 1-1/16" (see how to order) MOUNTING BRACKETS FURNISHED

Jamb Preparation

CYLINDER ℄ OF ADAMS RITE LATCH
1-7/16" 36.5mm
HORIZONTAL ℄ OF ELECTRIC STRIKE AND LATCHBOLT
3-3/8" 85.7mm
21/32" 16.7mm
"A"
VERTICAL ℄ OF ELECTRIC STRIKE FACEPLATE DIRECTLY OPPOSITE ℄ OF DEADLATCH
1-1/4" 31.8mm
6-1/8" 155.8mm
4-7/8" 123.8mm
5/32" 4mm R (4 PLACES)
DRILL & CsK FOR 8-32 SCREW (2 PLACES)

Installation

MOUNTING CLIP
PRESSURE SENSITIVE SPACER
PRESSED METAL NUT
JAMB
TURN STRIKE UPSIDE DOWN FOR OPPOSITE HAND

How to Order

7100/7101 Electric Strikes: Specify quantity and the following information. Order related products separately.

MODEL	FACEPLATE SHAPE	VOLTAGE	CURRENT AND DUTY	FEATURES*	FINISH**	LIP EXTENSIONS (DIM. A)*** (DOOR CENTERLINE TO JAMB EDGE)	
710	0	-3	1	0	-628	-00	
	0 Flat	3 12 Volt	1 DC Continuous or Intermittent	0 Standard/Fail-Secure	313 Dark Bronze Anodized	00 1-1/16" or less	05 2"
	1 Radius	4 16 Volt	4 AC Intermittent	5 Fail-Safe	335 Black Anodized	01 1-1/2"	07 2-1/4"
		5 24 Volt		7 Monitored/ Fail-Safe	626 Satin Chrome	02 1-5/8"	09 2-1/2"
				9 Monitored/ Fail-Secure	628 Clear Anodized	03 1-3/4"	12 2-7/8"

*Fail-secure can be field converted to fail-safe or vice-versa. **7101 available in 313, 335, 628 only. ***Lip Extensions not available on 7101.

Adams Rite
ASSA ABLOY

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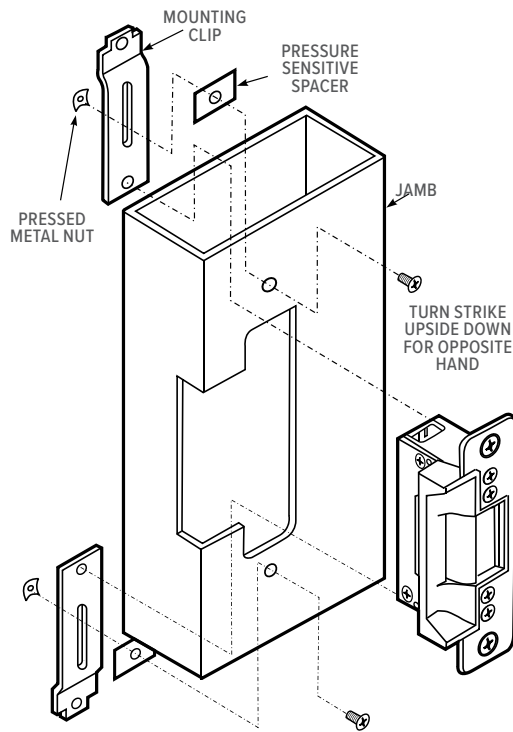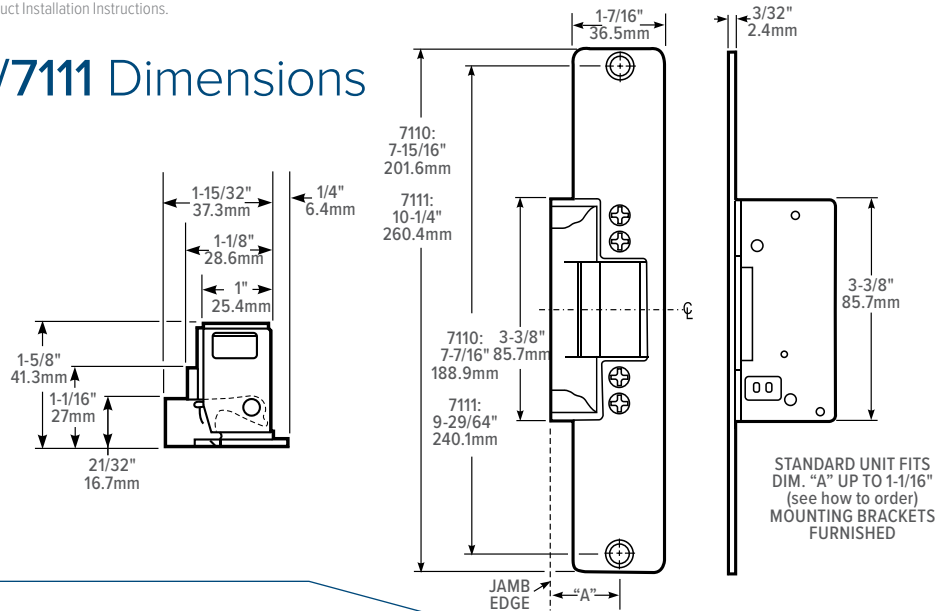Refer to the product Installation Instructions.

7110/7111 Dimensions

1-7/16" 36.5mm

3/32" 2.4mm

7110: 7-15/16" 201.6mm

7111: 10-1/4" 260.4mm

7110: 7-7/16" 188.9mm

7111: 9-29/64" 240.1mm

7110: 3-3/8" 85.7mm

3-3/8" 85.7mm

1-15/32" 37.3mm

1/4" 6.4mm

1-1/8" 28.6mm

1" 25.4mm

1-5/8" 41.3mm

1-1/16" 27mm

21/32" 16.7mm

JAMB EDGE

"A"

STANDARD UNIT FITS
DIM. "A" UP TO 1-1/16"
(see how to order)
MOUNTING BRACKETS
FURNISHED

Aluminium

Hollow Metal

Wood

Jamb Preparation in Aluminium

HORIZONTAL ℄ OF CYLINDER (A-R 4500/4900 SERIES DEADLATCH)

HORIZONTAL ℄ OF ELECTRIC STRIKE AND LATCHBOLT

1-7/16" 36.5mm

3-3/8" 85.7mm

7110: 9-3/16" 233.4mm

7111: 11-1/2" 292.1mm

7110: 7-15/16" 201.6mm

7111: 10-1/4" 260.4mm

5/32" R 4mm (4 PLACES)

DRILL & CsK FOR 8-32 SCREW (2 PLACES)

21/32" 16.7mm

1-7/16" 36.5mm

"A"

VERTICAL ℄ OF ELECTRIC STRIKE FACEPLATE DIRECTLY OPPOSITE ℄ OF DEADLATCH

Installation in Wood

VERTICAL ℄ OF ELECTRIC STRIKE FACEPLATE DIRECTLY OPPOSITE ℄ OF DEADLATCH SERIES 4500/4900

1-3/16" 30.23mm

1-3/64" 26.6mm

HORIZONTAL ℄ OF CYLINDER (A-R 4500/4900 SERIES DEADLATCH)

1-7/16" 36.5mm

3-3/8" 85.7mm

HORIZONTAL ℄ OF ELECTRIC STRIKE

21/32" 16.7mm

1-5/64" 27.4mm

1-41/64" 41.7mm

3/32" 2.4mm

"A"

17/64" 6.7mm

23/32" 18.6mm

1-7/16" 36.5mm

7110: 7-7/16" 188.9mm

7111: 9-29/64" 240.1mm

7101: 7-15/16" 201.6mm

7111: 10-1/4" 260.4mm

TURN STRIKE UPSIDE DOWN FOR OPPOSITE HAND

How to Order

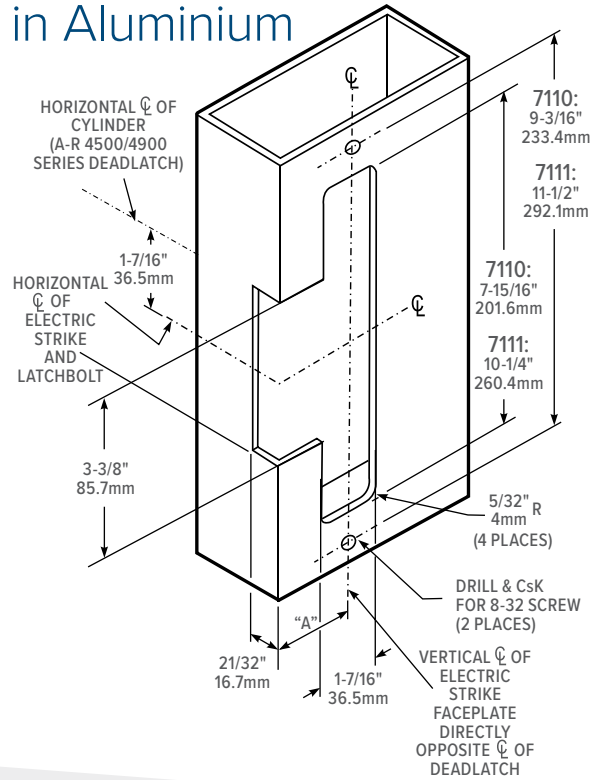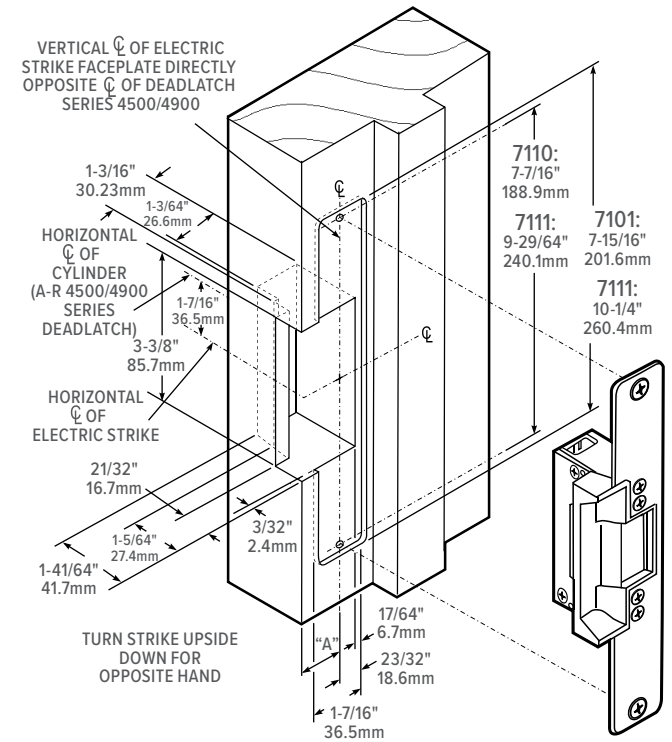**7110/7111 Electric Strikes:** Specify quantity and the following information. Order related products separately.

MODEL	FACEPLATE LENGTH	VOLTAGE	CURRENT AND DUTY	FEATURES*	FINISH	LIP EXTENSIONS (DIM. A) (DOOR CENTERLINE TO JAMB EDGE)	
711	**0**	**-3**	**1**	**0**	**-652**	**-00**	
	0 7-15/16"	3 12 Volt	1 DC Continuous or Intermittent	0 Standard/Fail-Secure	652 Satin Chrome	00 1-1/16" or less	05 2"
	1 10-1/4"	4 16 Volt	4 AC Intermittent	5 Fail-Safe		01 1-1/2"	07 2-1/4"
		5 24 Volt		7 Monitored/ Fail-Safe		02 1-5/8"	09 2-1/2"
				9 Monitored/ Fail-Secure		03 1-3/4"	12 2-7/8"

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

Adams Rite
ASSA ABLOY

Experience a safer and more open world