



Practical Solutions for Narrow Stile Aluminum Applications



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Adams Rite offers products for narrow stile aluminum and glass applications that can easily enhance your opening and improve the security of your business.



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Mechanical Deadlock

The MS1850S Series MS® Deadlock utilizes a nearly 3" laminated stainless steel bolt to provide maximum security for a single leaf narrow stile aluminum door.

An MS1850S paired with a 4550 lever provides a code compliant solution for DOOR HARDWARE SINGLE MOTION TO EGRESS (ANSI/BHMA A156.41-2017).

4550 Levers are uniquely capable of both lock and unlock functions.

Rockwood
RM2230
Door Pull

4036
Cylinder

335 BLACK ANODIZED FINISH

OUTSIDE



4550 Lever
with Indicator

MS1850S
Deadlock

INSIDE

Interconnected Deadbolt/Deadlatch with Electrified Trim

The Dual Force® 2190 Interconnected Deadbolt/Deadlatch combines the access control capabilities of a deadlatch with the security of a deadbolt. It provides free egress for safe passageway and can be easily integrated into an access control system. The 2190 Series is available in various ANSI/BHMA lock functions and is a code compliant solution for Door Hardware Single Motion to Egress (ANSI/BHMA A156.41).

313 DARK BRONZE ANODIZED FINISH

2190 Trim

4036
Cylinder

Securiton
DK-37 Keypad

OUTSIDE



4612
Power Transfer

4066
Thumbturn

2190 Deadbolt/
Deadlatch & Trim

INSIDE

Electrified Deadlatch

The Steel Hawk® 4300 Electrified Deadlatch is an electrified no-cut replacement for MS® deadlocks and deadlatches and an easy alternative to installing maglocks or exit devices. The 4300 provides compliance to ADA and Single Motion to Egress (ANSI/BHMA A156.41) code requirements when paired with compatible Adams Rite lever or paddle trim including 4600 Handles and 4591 Paddles.

4036
Cylinder



4600
Dummy Lever



Securiton
R100 with
Aperio®
Hub

628 CLEAR ANODIZED FINISH

OUTSIDE



4612
Power Transfer

4300 Electrified Deadlatch

4591 Paddle

INSIDE

Mechanical Deadlock/Deadlatch

The MS+1890 Series MS Deadlock/Deadlatch provides a maximum security deadlock for after-hours and a deadlatch for traffic control convenience during business hours. It has three modes of door control:

- Both lock and latch bolts retracted for unrestricted entry and exit during business hours
- Handle-operated latch for exit-only traffic just after closing
- Maximum Security hookbolt for overnight lockup.

A 4591 Paddle operates the latchbolt only while the deadbolt remains locked.

4036
Cylinder

4591 Paddle

P
U
S
H

335 BLACK ANODIZED FINISH

OUTSIDE



4066
Thumbturn

MS+1890
Deadlock/Deadlatch



4591 Paddle

INSIDE

Preload Capable Electric Strike

The UltraLine 7400 Electric Strike features an ultra-compact design and an adjustable stainless steel split-jaw with 1500 lbs. of holding force in fail-secure mode and will release electrically with up to 25 lbs. of door “preload”. Operates a 4510 Deadlatch. Frame installation of the 7400 Electric Strike provides an easy electrification upgrade.

Securiton
DK-37
Keypad

7400
Electric Strike

Rockwood
RM2230
Door Pull

313 DARK BRONZE ANODIZED FINISH

OUTSIDE



4600 Deadlatch
Handle

4510 Deadlatch

INSIDE

Electrified Entry Trim

The battery-operated eForce® 3090-150 provides basic access control for openings that don't require an audit trail. It can accommodate up to 150 users and features an outdoor-rated keypad. Operates with a 4900 Heavy Duty Deadlatch.

628 CLEAR ANODIZED FINISH

4036
Cylinder

3090
Keyless Entry Trim



OUTSIDE



4591 Paddle



4900 Deadlatch

INSIDE

Exit Device

The 8800 Series Starwheel Rim Exit Device features a unique bolt design that interlocks the door to frame for enhanced strength and durability and prevents jamb spreading. Ideal for perimeter and high traffic applications. Compatible with a 7800 Electric Strike and 3080 Entry Trim to provide a fully electrified, aesthetic, and cost-effective retrofit solution without modifying the door.

4036
Cylinder

3080 Trim

Securiton
R100 with
Aperio®
Hub

335 BLACK ANODIZED FINISH

OUTSIDE



8800 Exit Device

7800
Electric Strike

INSIDE

Adams Rite Practical Solutions for Narrow Stile Aluminum Applications

The following is a list of part numbers specific to the solutions included in this brochure. Adams Rite offers a wide range of products for aluminum, hollow metal or wood doors. Please see the Adams Rite catalog to order the compatible model for your door application. For questions regarding code compliance contact your local AHJ.

DOOR & FINISHES	BRAND	PRODUCT	PART NUMBER
Mechanical Deadlock 335 – Black Anodized Finish	Adams Rite	MS1850S Series MS® Deadlock	MS1850S-310-335 (with straightbolt, 1-1/8" backset)
		4550 MS® Deadlock Lever	4550-R-01-119 (RH, 1-3/4 to 2" backset, 119 finish to match)
		4036 Mortise Cylinder	4036-01-01-335
	Rockwood	Offset Door Pull	RM2230US10BE (8" CTC, aluminum door, std door thickness 1-3/4", 10BE finish to match)
Interconnected Deadbolt/ Deadlatch with Trim 313 – Dark Bronze Anodized Finish	Adams Rite	2190 Dual Force® Interconnected Deadbolt/Deadlatch	2190-412-201-10B (1-1/2" backset with electrified trim set, 10B finish to match)
		4036 Mortise Cylinder	4036-01-01-313
		4066 Thumbturn	4066-01-313
		4612 Power Transfer	4612-1
		PS-1 Power Supply	PS-1
	Securitron	Securitron DK-37 Narrow Stile Wiegand Keypad	DK-37WBK (Black finish)
Electrified Deadlatch 628 – Clear Anodized Finish	Adams Rite	4300 Steel Hawk® Electrified Deadlatch	4300-30-101-628 (1-1/8" backset)
		4600 Heavy Duty Designer Deadlatch Handle (with Fixed Lever)	4600MV-612-US32D (1-3/4" to 1-7/8" backset, RH)
		DTK-4600 Fixed Lever Dummy Kit	DTK-4600
		4036 Mortise Cylinder	4036-01-01-628
		4591 Deadlatch Paddle	4591-02-00-628
		4612 Power Transfer	4612-1
		PS-1 Power Supply	PS-1
	Securitron	Securitron R100 Wireless Reader with Aperio® Hub	R100-IPS-B (Black finish)
Mechanical Deadlock/ Deadlatch 335 – Black Anodized Finish	Adams Rite	MS+1890 Series MS® Deadlock/Deadlatch	MS+1890-301-6-335 (1-18" backset, RH)
		4591 Deadlatch Paddle	4591-13-00-335 (1-3/4" backset, RHR)
		4036 Mortise Cylinder	4036-01-01-335
		4591 Deadlatch Paddle	4591-12-00-335 (1-3/4" backset, RHR)
		4066 Thumbturn	4066-01-335
Preload Capable Electric Strike 313 – Dark Bronze Anodized Finish	Adams Rite	7400 Series Electric Strike	7400-313
		4510 Standard Duty Deadlatch	4510-36-101-313 (1-1/8" backset, RH)
		4600 Heavy Duty Designer Deadlatch Handle	4600MV-612-10B (1-3/4" to 1-7/8" backset, RH, 10B finish to match)
		PS-1 Power Supply	PS-1
	Securitron	Securitron DK-37 Narrow Stile Wiegand Keypad	DK-37WBK (Black finish)
	Rockwood	Offset Door Pull	RM2230US10BE (8" CTC, aluminum door, std door thickness 1-3/4", 10BE finish to match)
Electrified Entry Trim 628 – Clear Anodized Finish	Adams Rite	3090 eForce® Keyless Entry Trim	3090-01-626 (Satin Chrome finish)
		4900 Heavy Duty Deadlatch	4900-36-101-628 (1-1/8",RH)
		4036 Mortise Cylinder	4036-01-01-628
		4591 Deadlatch Paddle	4591-12-00-628 (1-3/4" backset, RHR)
Exit Device 335 – Black Anodized Finish	Adams Rite	8800 Series Starwheel Rim Exit Device	8803-36-24 (36" width, 24V)
		7800 Series Electric Strike	7800-BSP (Black Suede Powder finish)
		3080 Series Entry Trim	3080-01-0-370M10B (standard curve handle, no handing, for Rim Exit Device, 10B finish to match)
		PS-1 Power Supply	PS-1
		4036 Mortise Cylinder	4036-01-01-335
	Securitron	Securitron R100 Wireless Reader with Aperio® Hub	R100-IPS-B (Black finish)

Wiring diagrams for electrified solutions can be found at adamsrite.com



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