

7100

Electric Strike for Single Leaf Aluminium Doors



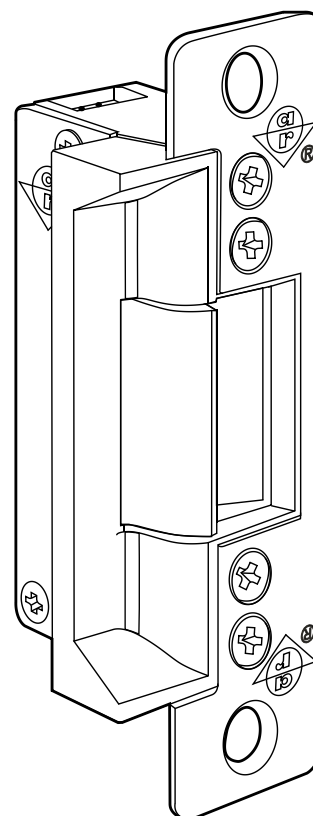
Function

For remote access control of any narrow stile aluminium door equipped with Adams Rite 4700 series (or similar) deadlatch. Electrical actuation unlocks the strike jaw, releasing the latchbolt so the door can be opened without operating the latch itself. The compact mechanism fits into an aluminium jamb section as shallow as 44.45mm. The 7100 Series have flat faceplates for mounting in the frame of single action single leaf doors - for single action pairs of doors (radius nose/faceplate), specify the 7101 Series (see page 6).

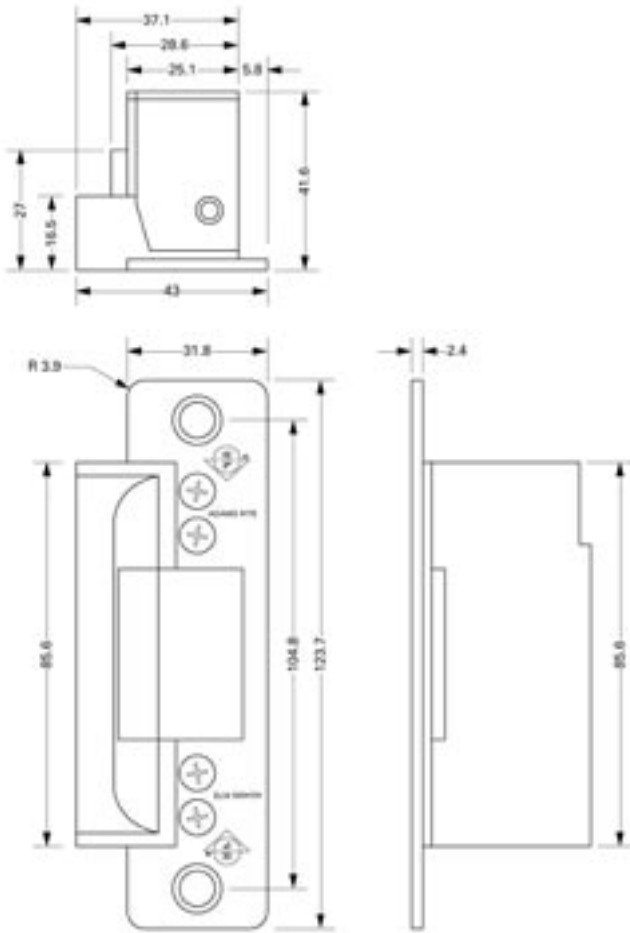
Note: For maximum security specify an MS® Deadlock in conjunction with the electric strike/latch combination.

Specifications

| | |
|--------------------|---|
| Current Draw: | 12vAC=1.48A, 12vDC=0.332A, 24vAC=0.74A, 24vDC=0.19A (nominal). DC intermittent and continuous units are silent, AC intermittent units "buzz" on operation. |
| Voltage Tolerance: | ±10%. |
| Powered By: | Internal solenoid. |
| Monitoring: | (Optional) Single: Latch only, Double: Latch & solenoid. |
| Duty: | Fail-safe or fail-secure (convertible without additional parts). DC power supply required for fail-safe operation. |
| Jaw Strength: | 907kg (2000lbs). |
| Case: | 85.6mm x 28.6mm x 41.6mm. Zinc aluminium alloy. |
| Mechanism: | Stainless steel internal blocking mechanism. |
| Strike Opening: | 36.5mm x 15.9mm x 12.7mm. Stainless steel bolt retainer jaw. |
| Door Gap: | Minimum 3mm (1/8"), operational door gap 3-5mm. |
| Faceplate: | Aluminium. 123.7mm x 31.8mm. Flat. |
| Finishes: | See ordering codes. |
| Subcover: | Basic subcover lip will suit a 44.45mm (1 3/4") thick door that closes flush with jamb edge. For extended bolt-on subcovers see ordering codes. |
| Standards: | ANSI/BHMA 156.5 Grade 1. UL Listed for burglary resistance. |



Dimensions



Ordering Codes Matrix

7100 - 3 1 0 - 628 - 1

| | | | | | |
|-------------------------|--|-------|-------|-------|-------|
| Model Number | 7100 Flat | _____ | _____ | _____ | _____ |
| Voltage | 3 12 volt | _____ | _____ | _____ | _____ |
| | 5 24 volt | _____ | _____ | _____ | _____ |
| Current and Duty | 1 DC Continuous or intermittent | _____ | _____ | _____ | _____ |
| | 4 AC Intermittent (fail-secure only) | _____ | _____ | _____ | _____ |
| Features | 0 Standard/Fail-Secure | _____ | _____ | _____ | _____ |
| | 5 Standard/Fail-Safe | _____ | _____ | _____ | _____ |
| | 7 Monitored/Fail-Safe | _____ | _____ | _____ | _____ |
| | 9 Monitored/Fail-Secure | _____ | _____ | _____ | _____ |
| Finish | 628 Satin Aluminium | _____ | _____ | _____ | _____ |
| | 605 Bright Brass | _____ | _____ | _____ | _____ |
| | 612 Satin Bronze | _____ | _____ | _____ | _____ |
| | 613 Oil Bronze | _____ | _____ | _____ | _____ |
| | 313 Bronze | _____ | _____ | _____ | _____ |
| | 335 Black | _____ | _____ | _____ | _____ |
| Options | 1 Single Monitoring (Latch only) | _____ | _____ | _____ | _____ |
| | 2 Double Monitoring (Latch and Solenoid) | _____ | _____ | _____ | _____ |

Subcover Extension Codes (order separately)

| Order Code | Dimension* | Order Code | Dimension* |
|------------|----------------|------------|----------------|
| 91-0171-01 | 38.1mm (1.50") | 91-0171-08 | 60.5mm (2.38") |
| 91-0171-02 | 41.4mm (1.63") | 91-0171-09 | 63.5mm (2.50") |
| 91-0171-03 | 44.5mm (1.75") | 91-0171-10 | 66.8mm (2.63") |
| 91-0171-04 | 47.8mm (1.88") | 91-0171-11 | 69.9mm (2.75") |
| 91-0171-05 | 50.8mm (2.00") | 91-0171-12 | 73.2mm (2.88") |
| 91-0171-06 | 54.1mm (2.13") | 91-0171-13 | 76.2mm (3.00") |
| 91-0171-07 | 57.2mm (2.25") | | |

*Dimension from door centreline to jamb edge.

Related Hardware

RiteKey Keypad (p54) ~ Push-to-Exit Button (p56) ~ Power Supply Unit (p58) ~ 4710 Deadlatch ~ 4750 Deadlatch

7101

Electric Strike for Double Leaf Aluminium Doors



Function

For remote access control of any narrow stile aluminium door equipped with Adams Rite 4700 series (or similar) deadlatch. Electrical actuation unlocks the strike jaw, releasing the latchbolt so the door can be opened without operating the latch itself. The compact mechanism fits into an aluminium door section as shallow as 44.45mm.

Virtually identical to the 7100 Series, the 7101 has a radiused faceplate for mounting in the rounded nose in the inactive leaf of paired doors.

Note: For maximum security specify an MS® Deadlock in conjunction with the electric strike/latch combination.

Specifications

| | |
|--------------------|---|
| Current Draw: | 12vAC=1.48A, 12vDC=0.332A, 24vAC=0.74A, 24vDC=0.19A (nominal). DC intermittent and continuous units are silent, AC intermittent units "buzz" on operation. |
| Voltage Tolerance: | ±10%. |
| Powered By: | Internal solenoid. |
| Monitoring: | (Optional) Single: Latch only, Double: Latch & solenoid. |
| Duty: | Fail-safe or fail-secure (convertible without additional parts). DC power supply required for fail-safe operation. |
| Jaw Strength: | 907kg (2000lbs). |
| Case: | 85.6mm x 28.6mm x 41.6mm. Zinc aluminium alloy. |
| Mechanism: | Stainless steel internal blocking mechanism. |
| Strike Opening: | 36.5mm x 15.9mm x 12.7mm. Stainless steel bolt retainer jaw. |
| Door Gap: | Minimum 3mm (1/8"), operational door gap 3-5mm. |
| Faceplate: | Aluminium. 123.7mm x 31.8mm. Radiused. |
| Finishes: | See ordering codes. |
| Subcover: | Subcover lip will suit a 44.45mm (1 3/4") thick door. |
| Standards: | ANSI/BHMA 156.5 Grade 1. UL Listed for burglary resistance. |

