

TITLE	<b>ELECTRIC STRIKE ES-2100 SERIES</b>	SHEET No. <b>7:16</b>
SUB TITLE	<b>ASSEMBLY DETAILS ES-2100 ELECTRIC STRIKE</b>	

The Axim Electric Strike range is an access control device used for remote access control for doors fitted with the Axim LK-2100 deadlatch product.

The Electric Strike replaces the standard fixed strikeplate of the deadlatch.

The ES-2100 is supplied with a flat faceplate for installation into a frame of a single leaf door or the inactive leaf of a pair of doors.

Supplied as Fail Safe or Fail Secure

Note: A fail-safe electric strike can be converted to a fail-secure electric strike (And Vice Versa) without any additional components or specialised tools.

**Key Points**

Suitable for use on Aluminium Doors  
Tested to 500,000 Cycles

Powered by Internal Solenoid

The compact mechanism fits into an Non Handed aluminium jamb section as shallow as 44.45mm.

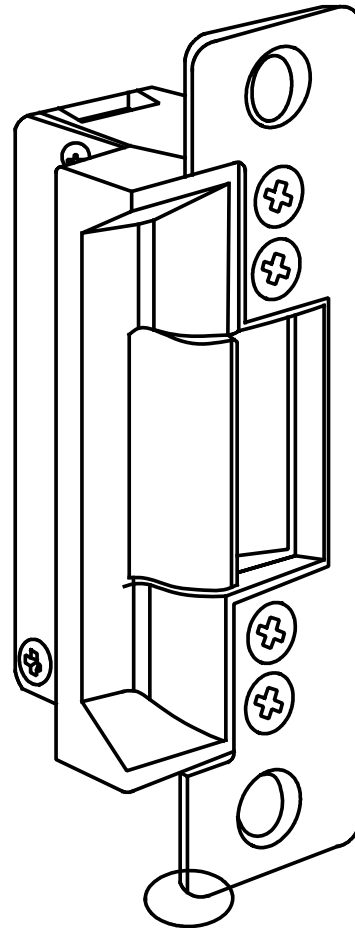
Electrical actuation unlocks the strike jaw, therefore releasing the latchbolt without having to operate the latch

Axim Products are guaranteed for 30 months against defects in material and / or manually workmanship. This guarantee is Void if the product has been incorrectly specified or installed, or has been damaged due to incorrect use.

**Related Hardware**

LK2100 - E  
Reversible  
Euro Profile Deadlatch

ES2100 - R  
Electric Strike



Rounded corners to assist installation



**THE PARKSIDE GROUP LTD**

THE WILLOW CENTRE  
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Email: axim@parksidegroup.co.uk  
Web Site: http://www.axim.co.uk

SCALE	NTS @A4
DATE	AUGUST 2016
For scaled technical or CAD drawings, please contact AXIM.	

**Current Draw:**

12vDC = 260mA  
24vDC = 150mA . 24VAC: 260mA

**Voltage Tolerance:**

DC Intermittent and Continuous units are silent  
AC intermittent units make a "Buzz" sound on operation.

**Application**

Fail - Safe or Fail Secure  
Note: DC Power supply required for Fail Safe Operation.

**Maximum Holding Force**

500kgs

**Case Detail:**

85.6mm x 28.6mm x 41.6mm  
Zinc Aluminium Alloy Material

**Faceplate:**

123.7mm x 31.8mm - Flat Design, Aluminium material,  
Finish: Brushed / Satin Anodised Aluminium.

**Mechanism Design:**

Stainless Steel Internal Blocking Mechanism.

**Strike Aperture Detail:**

36.5mm (Length) x 15.9mm (Width) x 12.7mm (Depth)  
Stainless Steel retaining jaw.

**Suitable Door Gap:**

Min. 3mm (1/8") Operational 3-5mm

**Testing:**

Cycle tested to exceed 500,000 cycles  
ANSI / BHMA 156.5 Grade 1  
UL Listed for burglary resistance  
CE Marked - Electrical

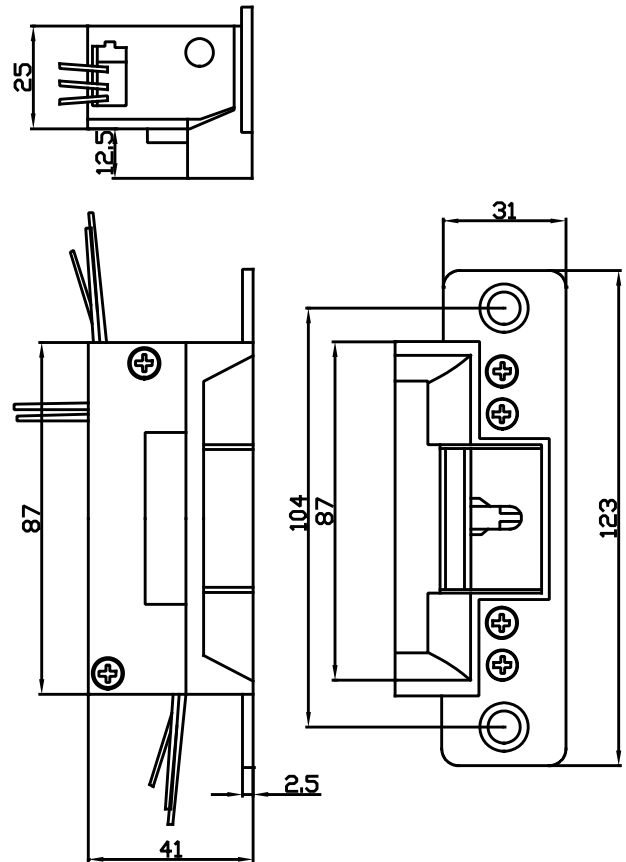
**Sub Cover - (Extension Lip)**

Standard Product Supplied to suit a 44.45mm door thickness,  
that closes flush with frame. For Extended "Bolt on" extension  
Lips see left hand table:

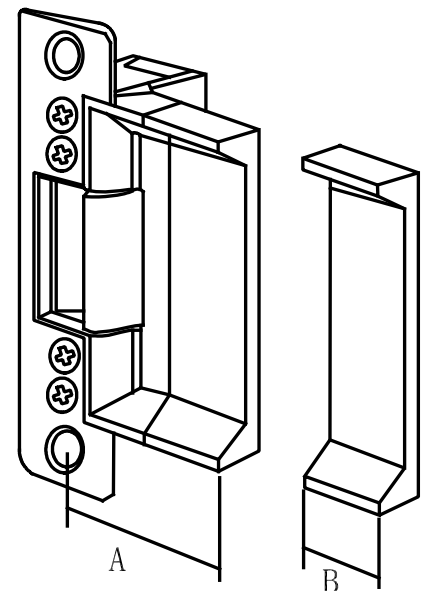
Part NO.	A(mm)	B(mm)
ES-2100-381	38.1	11.3
ES-2100-414	41.4	14.6
ES-2100-445	44.5	17.7
ES-2100-478	47.8	21
ES-2100-508	50.8	24
ES-2100-541	54.1	27.3
ES-2100-572	57.2	30.4
ES-2100-605	60.5	33.7
ES-2100-635	63.5	36.7
ES-2100-668	66.8	40
ES-2100-699	69.9	43.1
ES-2100-732	73.2	46.4
ES-2100-762	76.2	49.4

**Ordering Info**

ES-2100-12VFSAF	Electric Strike 12VDC Fail Safe
ES-2100-12VFSEC	Electric Strike 12VDC Fail Secure
ES-2100-24VFSAF	Electric Strike 24VDC Fail Safe
ES-2100-24VFSEC	Electric Strike 24VDC Fail Secure



**Dimensioned Elevations**



**Sub Cover - (Extension Lip) Detail**

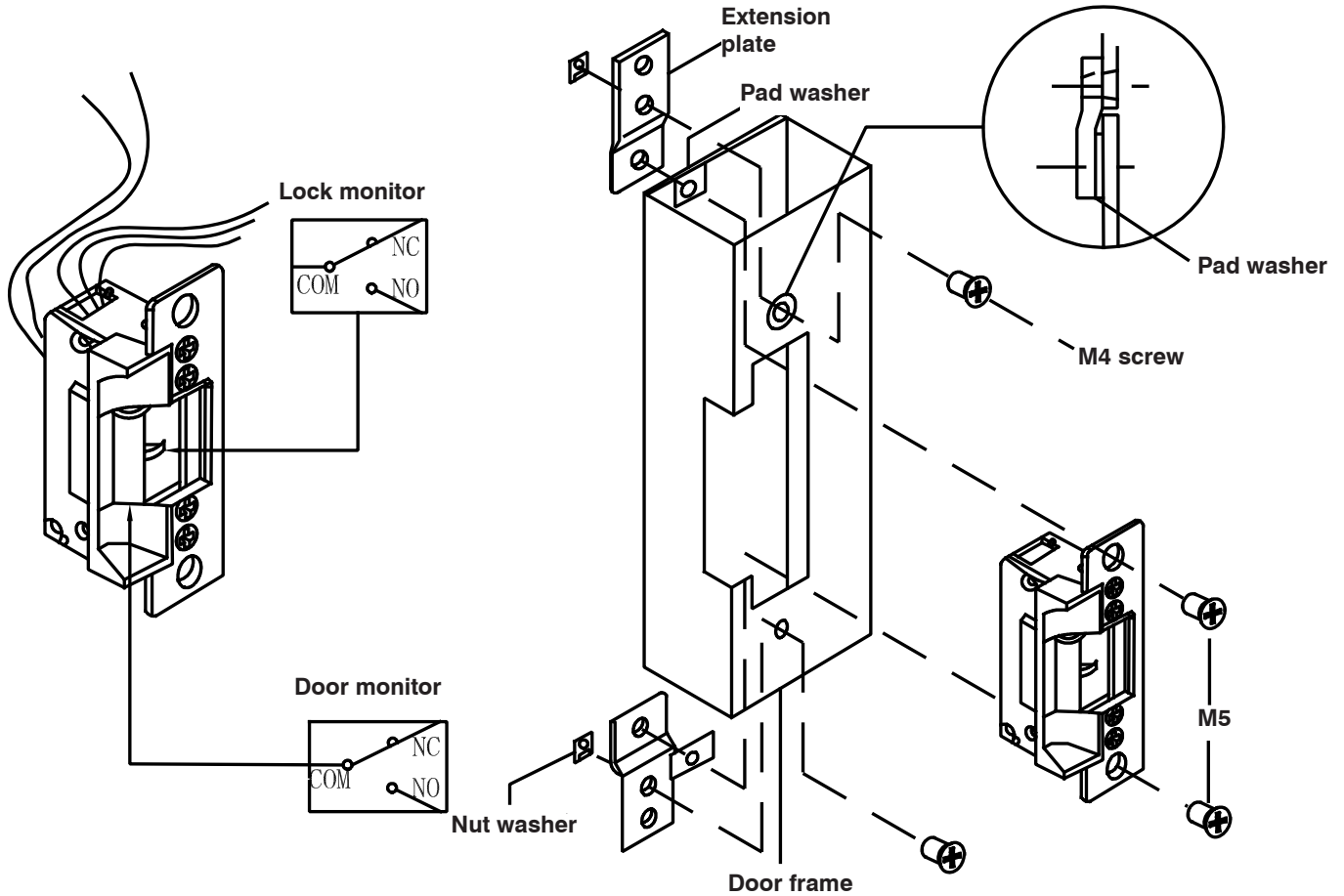


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**Typical Installation Detail**



**Installation Detail**

12vDC = 260mA  
 24vDC = 150mA . 24VAC: 260mA



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