



# Electromechanical Door Solutions

**ASSA ABLOY**  
Opening Solutions



The global leader  
in access solutions



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# ASSA ABLOY

## **ASSA ABLOY in brief**

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

ASSA ABLOY is represented in all major regions, on both mature and emerging markets, with leading positions in Australia and much of Europe and North America. In the rapidly growing electromechanical security sector, the Group has a leading position in fields such as electromechanical products, access control, identification technology, automatic doors, commercial, government and institutional security.

Since its founding in 1994, ASSA ABLOY has grown from a regional company to an international group. As the world's leading lock group, ASSA ABLOY offers a more complete range of door opening solutions than any other company on the market.

## **ASSA ABLOY Australia**

### **Local manufacturing**

ASSA ABLOY Australia has long been developing innovative electromechanical products. We focus on extensive market research, developing products that exceed market demands.

ASSA ABLOY Australia boasts a precision manufacturing facility and innovative design centre in Melbourne.

### **Extensive product range**

ASSA ABLOY Australia offers one of the most comprehensive electromechanical product ranges in the Australian market today. We specialise in supplying door solutions for all market segments and industries. Our range includes electromechanical solutions for almost any application.

### **Premium quality and reliability**

Our product range is designed and manufactured to surpass the highest Australian and international standards. The Melbourne manufacturing facility includes a state-of-the-art NATA accredited test laboratory. This ensures the undisputed quality and reliability known on the market today.



# Electric Strikes



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# EL110 Electric Cabinet Lock

## General Description

The EL110 electric cabinet lock is a compact, cast aluminium lock specially designed for cabinets having either swing or sliding doors. The cabinet lock can be surface mounted either vertically or horizontally and offers maximum flexibility for ease of installation.

EL110 can also be controlled by any existing access control system or simply controlled through a remote keypad or keyswitch. The EL110 is cost efficient, robust, easy to install and suitable for one or multiple cabinet applications.

## Key Features

- Fail safe/fail secure changeable on site
- Flexible alignment:  
has a 5mm XY adjustment after installation
- Low current consumption:  
uses only 187mA @ 12Vdc
- Available in 12 or 24Vdc
- Self latching in fail secure mode
- Solenoid rated for continuous use
- Australian designed
- **TRICARE**® 5 Year Warranty

## Applications

- Cabinet locking
- Swing or sliding cabinet doors



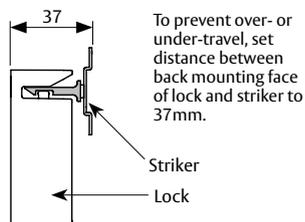
## Standards and Compliance

CE CE Approved

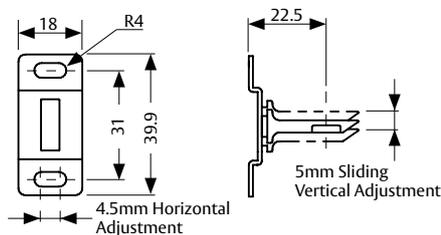
C-Tick Certified

# EL110 Electric Cabinet Lock

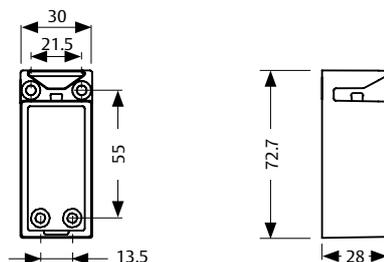
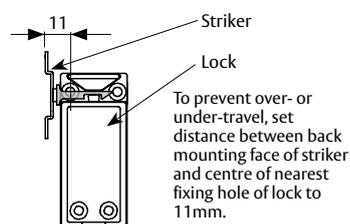
## Front Engagement



## Lock and Strike Dimensions



## Side Engagement



## EL110 Technical Information

<b>Voltage</b>	12 or 24Vdc
<b>Current</b>	187mA @ 12Vdc, 87mA @ 24Vdc
<b>Solenoid</b>	Solenoids are rated for continuous use
<b>Monitoring</b>	None
<b>Strength</b>	Holding force 150kg
<b>Endurance</b>	Cycle tested to 1,000,000 operations
<b>Environment</b>	Operational temperature range -20c to +60c
<b>Body</b>	Cast Aluminium Construction

## Specification Statement

The strike which is to be surface mounted and constructed of cast aluminium, should be self latching when used in fail secure mode. The lock must be capable of being changed from fail safe to fail secure on site. Lock alignment must be adjustable up to 5mm in both "x" and "y" directions both during and after installation. The lock should consume not greater than 187mA @12Vdc or 87mA @ 24Vdc and have a solenoid rated for continuous use. Electrical certifications must include CE and C-tick.

## Ordering Information

Product Description	Part Number
12V Fail Safe Cabinet Lock	111301-000
12V Fail Secure Cabinet Lock	111302-000
24V Fail Secure Cabinet Lock	111304-000

# ES100 Series Electric Strike

## General Description

The ES100 is a cost efficient robust electric strike with a solid construction of one-piece cast aluminium body and stainless steel striker. The ES100 offers the same level of security and reliability usually provided by more expensive electric locking solutions.

Extension lips are available to accommodate the installation of electric strikes on door frames with different thickness. The ES100 product range of patented electric strikes are suitable for use with all access control installations where flexibility, security and lower cost are required.

## Key Features

- Fail safe/fail secure changeable on site
- Stainless steel striker for extra strength and durability
- Stainless steel locking pins
- Multi Voltage 12Vdc and 24Vdc
- Optional mounting kit
- Installation template
- Suitable For 15mm latch with a 3mm door gap
- Australian designed
- **TRICARE**® 5 Year Warranty

## Applications

- Exposed areas
- High traffic areas
- Open in/open out doors
- Suitable for use with all access control systems



## Standards and Compliance



Successfully fire rated up to 4hrs on fire door assemblies in accordance with AS1905.1. 2005 (Part 1: Fire resistant door sets)



Approved to UL1034 (highest level)



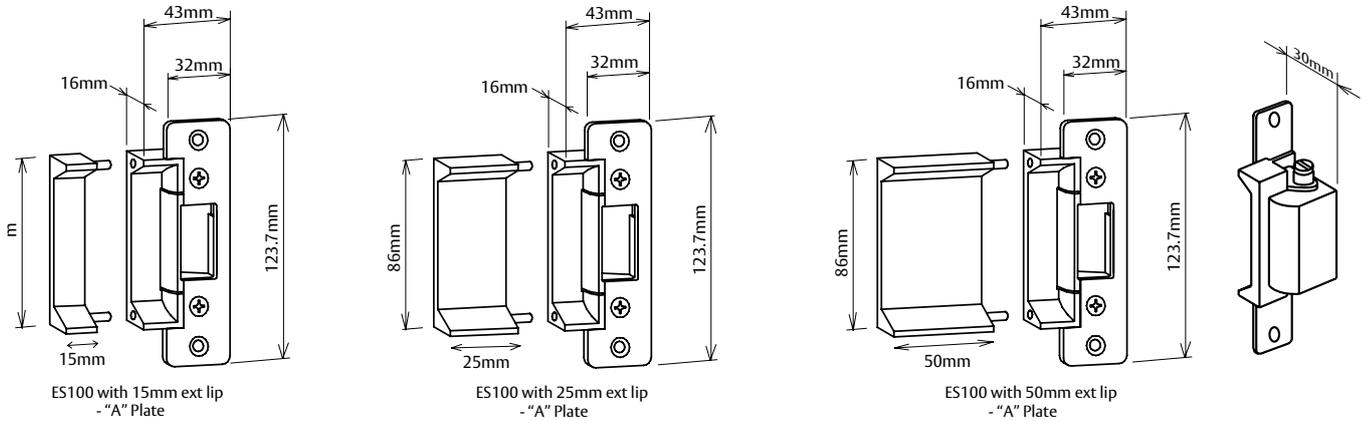
CE Approved



C-Tick Certified

Weather Resistant IP56

# ES100 Series Electric Strike



## ES100 Technical Information

<b>Voltage</b>	12Vdc and 24Vdc
<b>Current</b>	250 mA @ 12Vdc - 125mA @ 24Vdc
<b>Solenoid</b>	Solenoids are rated for continuous use.
<b>Monitoring</b>	None
<b>Holding Force</b>	680 kg Static Strength Rating
<b>Endurance</b>	Cycle tested to 1,000,000 operations
<b>Environment</b>	Operational temperature range -20°C to +60°C Weather resistant construction. (IP56)
<b>Body</b>	Cast Aluminium Construction
<b>Keeper</b>	Stainless Steel

## Ordering Information

Product Description	Part Number
ES101 12/24Vdc PTL W/Res A-Type Rnd Cnr S/Steel F/Plate with Extension Lip Holes	110101-030M
ES101 12/24Vdc PTL W/Res A-Type Rnd Cnr S/Steel F/Plate Lipless	110101-070M

**Note:** For additional face plate options see page 12.

Abbreviation Key	
<b>PTO</b>	Power to Open (Fail Secure)
<b>PTL</b>	Power to Lock (Fail Safe)
<b>W/RES</b>	Weather Resistant
<b>A-Type</b>	Short style face plate with round corners
<b>H-Type</b>	Long style face plate with square corners
<b>H/RND</b>	Long style face plate with round corners (Accessory)
<b>LIPLESS</b>	No Lip on the Lock body
<b>S/STEEL</b>	Stainless Steel
<b>F/PLATE</b>	Face Plate

## Accessories

Product Description	Part Number
15mm Extension Lip	220100-506
25mm Extension Lip	220100-507
50mm Extension Lip	220100-508
Mounting Kit	220200-518
13mm Rebate Plate	210100-523

## Specification Statement

Where Power to Lock and Power to Open functions may be required in the same building, the strike must be interchangeable from either "Power to Lock" or "Power to Open" on site.

The electric strike should not consume current greater than 250 mA @ 12Vdc - 125mA @ 24Vdc and have a solenoid suitable for continuous use. Certifications must include CE, C-tick and 4hr fire rating.

The strike should have a minimum holding force of 680kg, and an endurance rating of 1 million cycles.

# ES110 Series Electric Strike

## General Description

The ES110 is a cost efficient robust electric strike with a solid construction of one-piece cast aluminium body and stainless steel striker. Having a deeper than normal strike-keeper area, ES110 is designed to work with an extensive range of locks and offers the same level of security and reliability usually provided by more expensive electric locking solutions.

Extension lips are available to accommodate the installation of electric strikes on door frames with different thickness. The ES110 product range of patented electric strikes are suitable for use with all access control installations where flexibility, security and lower cost are required.

## Key Features

- Fail safe/fail secure changeable on site
- Stainless steel striker for extra strength and durability
- Stainless steel locking pins
- Multi Voltage 12Vdc and 24Vdc
- Optional mounting kit
- Installation template
- Suitable For 18mm latch with a 3mm door gap
- Australian designed
- **TRICARE**® 5 Year Warranty

## Applications

- Exposed areas
- High traffic areas
- Open in/open out doors
- Suitable for use with all access control systems



## Standards and Compliance



Successfully fire rated up to 4hrs on fire door assemblies in accordance with AS1905.1. 2005 (Part 1: Fire resistant door sets)



Approved to UL1034 (highest level)



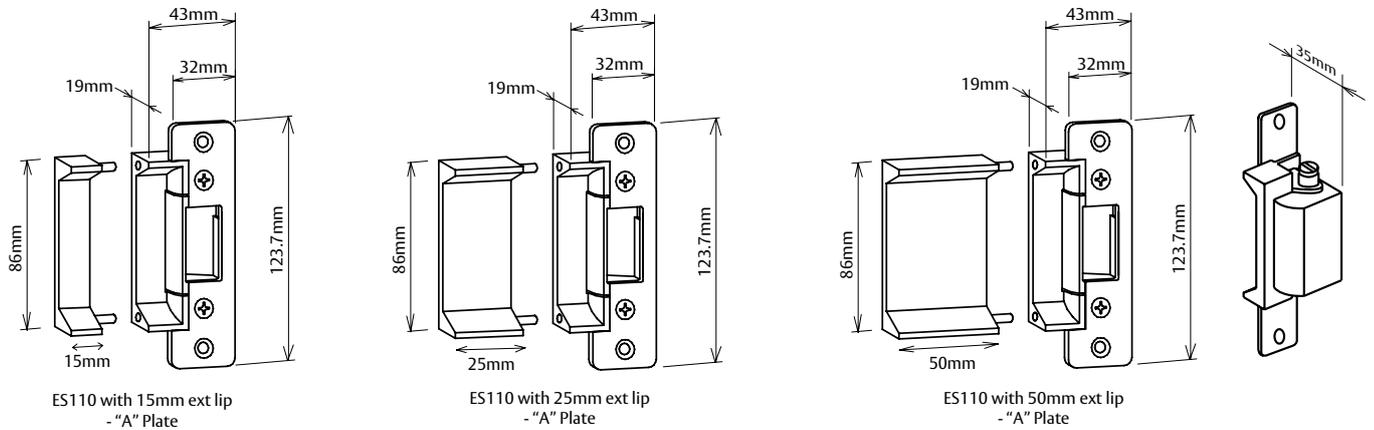
CE Approved



C-Tick Certified

Weather Resistant IP56

# ES110 Series Electric Strike



## ES110 Technical Information

<b>Voltage</b>	12Vdc and 24Vdc
<b>Current</b>	250 mA @ 12Vdc - 125mA @ 24Vdc
<b>Solenoid</b>	Solenoids are rated for continuous use
<b>Monitoring</b>	None
<b>Holding Force</b>	680 kg Static Strength Rating
<b>Endurance</b>	Cycle tested to 1,000,000 operations
<b>Environment</b>	Operational temperature range -20°C to +60°C Weather resistant construction (IP56)
<b>Body</b>	Cast Aluminium Construction
<b>Keeper</b>	Stainless Steel

## Ordering Information

Product Description
ES111 12/24Vdc PTL W/Res A-Type Rnd Cnr S/Steel F/Plate & H/Rnd
ES111 12/24Vdc PTL W/Res H-Type Sq Cnr S/Steel F/Plate Lipless
ES111 12/24Vdc PTL W/Res-H-Type Sq Cnr S/Steel F/Plate & H/Rnd
ES111 12/24Vdc PTL W/Res A-Type Rnd Cnr S/Steel F/Plate Lipless & H/Rnd
ES112 12/24Vdc PTO W/Res A-Type Rnd Cnr S/Steel F/Plate & H/Rnd
ES112 12/24Vdc PTO W/Res H-Type Sq Cnr S/Steel F/Plate

Part Number	Product Description	Part Number
110111-060M	15mm Extension Lip	220110-502
110111-150M	25mm Extension Lip	220110-503
110111-160M	50mm Extension Lip	220110-504
110111-190M	Mounting Kit	220200-518
110112-060M	Rebate Plate	210100-523
110112-140M		

**Note:** For additional face plate options see over the page

**Note:** Strikes comes standard with Extension Lip Holes

### Abbreviation Key

<b>PTO</b>	Power to Open (Fail Secure)
<b>PTL</b>	Power to Lock (Fail Safe)
<b>W/RES</b>	Weather Resistant
<b>A-Type</b>	Short style face plate with round corners
<b>H-Type</b>	Long style face plate with square corners
<b>H/RND</b>	Long style face plate with round corners (Accessory)
<b>LIPLESS</b>	No Lip on the Lock body
<b>S/STEEL</b>	Stainless Steel
<b>F/PLATE</b>	Face Plate

## Specification Statement

Where Power to Lock and Power to Open functions may be required in the same building, the strike must be interchangeable from either "Power to Lock" or "Power to Open" on site.

The electric strike should not consume current greater than 250 mA @ 12Vdc - 125mA @ 24Vdc and have a solenoid suitable for continuous use. Certifications must include CE, C-tick and 4hr fire rating.

The strike should have a minimum holding force of 680kg, and an endurance rating of 1 million cycles.

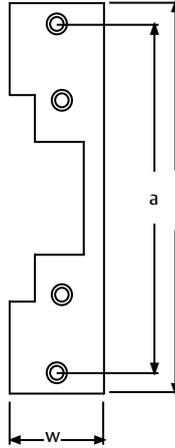
## Accessories

# ES100 / ES110 Faceplate Options

## Faceplates

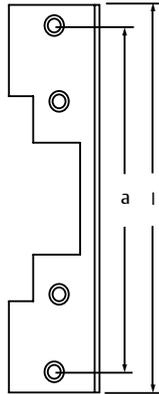
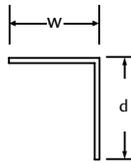
Faceplate Style	l	w	a	Part Number
A (ANSI Short) - SS	123.7	31.7	104.8	210100-544
B (ANSI Long) - SS	201.6	36.3	185.7	210100-530

Note: SS - Stainless Steel



Faceplate Style	l	w	d	a	Part Number
J - AL	201.6	32	16	185.7	210100-523

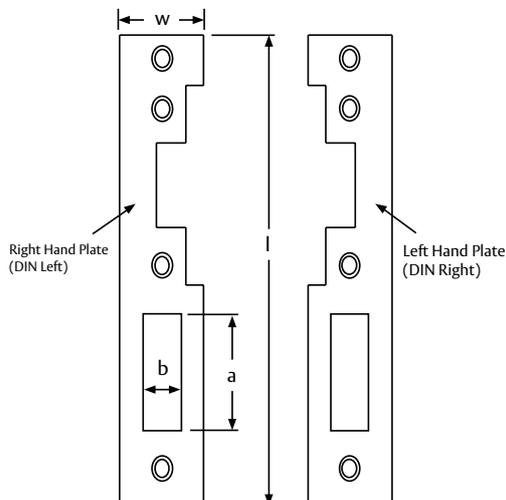
Note: AL - Aluminium



Faceplate Style	l	w	a	b	Part Number
D (Euro Sash RH) [DIN Left] - SS	209	31.7	60	11.7	219100-538
E (Euro Sash LH) [DIN Right] - SS	209	31.7	60	11.7	219100-539
F (UK Sash RH) [DIN Left] - SS	251	25	74	12	210100-528
G (UK Sash LH) [DIN Right] - SS	251	25	74	12	210100-527

Note: SS - Stainless Steel

All face plates are sold separately





# ES150 Series Surface Mounted Electric Strike

## General Description

ES150 is a surface mounted electric strike suitable for use with rim or surface type dead latches. This strike is easy to install and can be simply controlled by a keypad, keyswitch or integrated into any access control system.

ES150 offers high levels of security and features usually provided by more expensive electric locking solutions. The electric strike can be easily installed on steel and wooden door frames.

## Key Features

- Fail safe/fail secure changeable on site
- Easy installation suitable for steel and wooden door frames
- Stainless steel striker for extra strength and durability
- Multi Voltage 12Vdc and 24Vdc
- Solenoid rated for continuous use
- IP56 weather resistant
- Australian designed
- **TRICARE**® 5 Year Warranty

## Applications

- Surface or rim mounted applications
- Suitable for use with all access control systems
- Exposed areas
- Exterior Applications



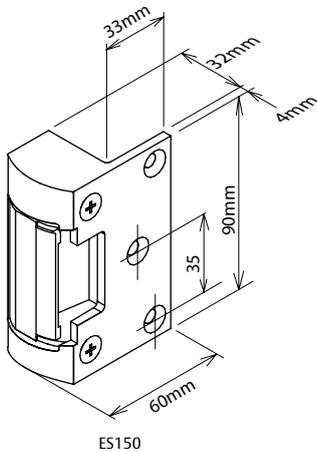
## Standards and Compliance

 CE Approved

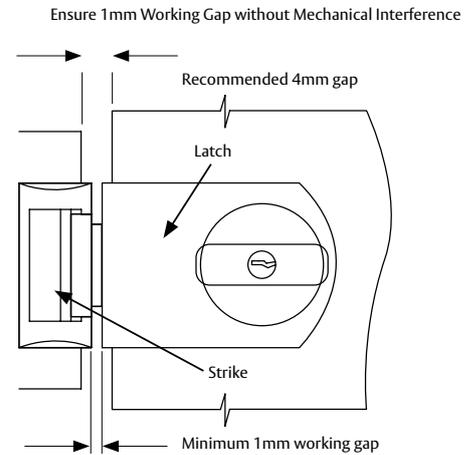
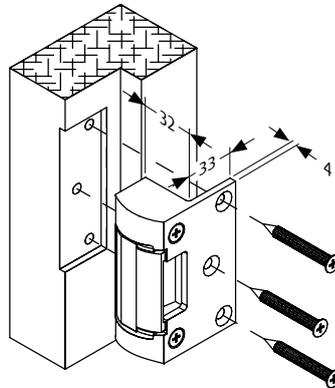
 C-Tick Certified

IP56 Rated

# ES150 Series Surface Mounted Electric Strike



ES150



## ES150 Technical Information

<b>Voltage</b>	12VDC and 24Vdc
<b>Current</b>	250mA @12Vdc / 125mA @ 24VDC
<b>Solenoid</b>	Solenoids rated for continuous use
<b>Monitoring</b>	None
<b>Holding Force</b>	680kg Static Strength Rating
<b>Endurance</b>	Cycle tested to 1,000,000 operations
<b>Environment</b>	Operational temperature range - 20°C to +60°C Weather resistant (IP56)
<b>Body</b>	Solid Stainless Steel Construction
<b>Keeper</b>	Stainless Steel

## Ordering Information

Product Description	Part Number
ES151 12/24Vdc PTL W/Res	110151-010M
ES152 12/24Vdc PTO W/Res	110152-010M

Abbreviation Key	
<b>PTO</b>	Power to Open (Fail Secure)
<b>PTL</b>	Power to Lock (Fail Safe)
<b>W/RES</b>	Weather Resistant
<b>A-Type</b>	Short style face plate with round corners
<b>H-Type</b>	Long style face plate with square corners
<b>H/RND</b>	Long style face plate with round corners (Accessory)
<b>LIPLESS</b>	No Lip on the Lock body
<b>S/STEEL</b>	Stainless Steel
<b>F/PLATE</b>	Face Plate

## Specification Statement

The electric strike must be suitable for surface mount applications for use with rim or surface mount door locks.

Where Power To Lock and Power To Open functions may be required in the same building, an individual strike is interchangeable from either "Power to Lock" or "Power to Open" on site.

The electric strike should not consume current greater than 250mA @ 12Vdc / 125mA @ 24Vdc. Certifications must include CE and C-Tick.

The strike should be tested to 1 million operations and have a minimum holding force not less than 680kg.

# ES200 Series Electric Strike

## General Description

The ES200 series electric strikes are high security products manufactured from cast stainless steel and designed for use with all access control systems. The strikes are suitable for use with hinged doors which require either fire or security control as part of a building management system.

These strikes are flexible and can be changed from fail safe to fail secure, mounted on the left or right hand side of the door and are available in 12 or 24Vdc.

They offer a strong, dependable and long-lasting electric strike solution.

## Key Features

- Fail safe/fail secure changeable on site
- High security
- 4 Hour fire rating
- 850kg holding force
- 1 million cycles endurance rating
- Cast stainless steel body
- Stainless steel locking pins
- Low Current consumption – Max 175mA @12Vdc
- Mounting kit supplied as standard
- Australian designed
- **TRICARE**® 5 Year Warranty

## Applications

- High traffic areas
- Fire rated door sets
- Open in/open out doors
- Suitable for use with all access control systems



## Standards and Compliance

**S3** (Security) Australian Lock Standard (AS4145.2.1993)

**D3** (Durability) Australian Lock Standard (AS4145.2.1993)

**BSI** BS 5872 Approved

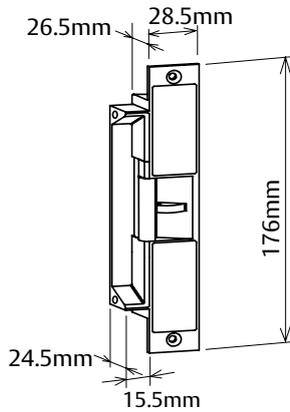
 Successfully fire rated up to 4hrs on fire door assemblies in accordance with AS1905.1. 2005 (Part 1: Fire resistant door sets)

 Approved to UL1034 (highest level)

 CE Approved

 C-Tick Certified

# ES200 Series Electric Strike



ES200 with 75mm Extension Lip

## ES200 Technical Information

<b>Voltage</b>	12 or 24Vdc
<b>Current</b>	175 mA @ 12Vdc - 88 mA @ 24Vdc
<b>Solenoids</b>	Solenoids are rated for continuous use
<b>Monitoring</b>	None
<b>Holding Force</b>	850kg Static Strength Rating
<b>Endurance</b>	Cycle tested to 1,000,000 operations
<b>Latch</b>	Suitable for 15mm latch bolt with 3mm door gap
<b>Environment</b>	Operational temperature range -20°C to +60°C
<b>Body</b>	Solid Stainless Steel Construction
<b>Keeper</b>	Stainless Steel

## Ordering Information

Product Description	Part Number
12V Fail Safe Electric Strike	110201-000
12V Fail Secure Electric Strike	110202-000
24V Fail Safe Electric Strike	110203-000

**Note:** If an Extension Lip is required use Model ES2100 Page 20.

## Specification Statement

The strike should be constructed of solid stainless steel, have a minimum holding force of 850kg and have an endurance rating of 1 million cycles. The one strike must be changeable from fail safe to fail secure on site where required. The strike should not consume current greater than 175mA at 12Vdc and have a solenoid rated for continuous use. Certifications must include CE, C-Tick and 4 hr fire rating.

## Accessories

Product Description	Part Number
13mm Rebate Plate	210100-541

# ES2000 Series Monitored Electric Strike

## General Description

The ES2000 series electric strikes are fully monitored high security products manufactured from cast stainless steel and designed for use with all access control systems. The strikes are suitable for use with hinged doors which require either fire or security control as part of a building management system.

These strikes are flexible and can be changed from fail safe to fail secure, mounted on the left or right hand side of the door and are available in 12 Vdc.

They offer a strong, dependable and long-lasting electric strike solution with a 850kg holding force and endurance rating of 1 million cycles.

## Key Features

- Fully monitored – strike locked and door latched
- Fail safe/fail secure changeable on site
- High security
- 4 Hour fire rating
- 850kg holding force
- 1 million cycles endurance rating
- Cast stainless steel body
- Stainless steel locking pins
- SCEC Endorsed
- Low Current consumption – Max 175ma @12Vdc
- Solenoid rated for continuous use
- Mounting kit supplied as standard
- Australian designed
- **TRICARE**® 5 Year Warranty

## Applications

- High traffic areas
- Fire rated door sets
- Open in/open out doors
- Suitable for use with all access control systems



## Standards and Compliance

**S3** (Security) Australian Lock Standard (AS4145.2.1993)

**D3** (Durability) Australian Lock Standard (AS4145.2.1993)

**BSI** BS 5872 Approved

 Successfully fire rated up to 4hrs on fire door assemblies in accordance with AS1905.1. 2005 (Part 1: Fire resistant door sets)

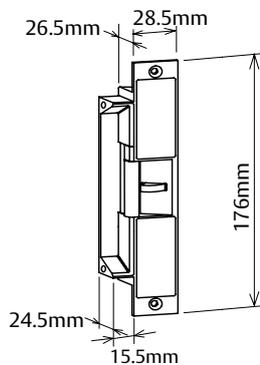
 Approved to UL1034 (highest level)

 CE Approved

 C-Tick Certified

SCEC endorsed for secure areas

# ES2000 Series Monitored Electric Strike



ES2000 with 75mm Extension Lip

## ES2000 Technical Information

<b>Voltage</b>	12Vdc
<b>Current</b>	175 mA @ 12Vdc
<b>Solenoids</b>	Solenoids are rated for continuous use
<b>Monitoring</b>	Solenoid Monitor - 1 amp NO/NC microswitch Door/Latch Monitor - 1 amp NO/NC microswitch
<b>Holding Force</b>	850kg Static Strength Rating
<b>Endurance</b>	Cycle tested to 1,000,000 operations
<b>Latch</b>	Suitable for 15mm latch bolt with 3 mm door gap
<b>Environment</b>	Operational temperature range - 20°C to +60°C
<b>Body</b>	Solid Stainless Steel Construction
<b>Keeper</b>	Stainless Steel

## Ordering Information

Product Description	Part Number
12V Fail Safe Electric Strike	112001-000
12V Fail Secure Electric Strike	112002-000
12v ES2400 Fail Safe Electric Strike	112401-000

**Note:** If an Extension Lip is required use Model ES2100 Page 20.

## Specification Statement

The strike should be constructed of solid stainless steel, have a minimum holding force of 850kg and have an endurance rating of 1 million cycles. Monitoring must include independent door / latch & solenoid monitoring. The one strike must be changeable from fail safe to fail secure on site where required. The strike should not consume current greater than 175mA at 12Vdc and have a solenoid rated for continuous use. Certifications must include CE, C-Tick and 4 hr fire rating.

## Accessories

Product Description	Part Number
13mm Rebate Plate	210100-541

# ES2100 Series Monitored Electric Strike



## General Description

The ES2100 is the latest product to join the iconic Trimec range of electric strikes. Tested in accordance with Australian standards this strike offers superior strength, and is durability tested to 1.5 million operations.

Standard features include variable voltage, patented field selectable fail safe/fail secure mode change and a unique integrated door position switch.

## Integrated Door Position Switch

The ES2100 now offers a unique new monitoring feature not available in other strikes on the market today. The strike has an integrated reed switch that when combined with a specialised Lockwood mortice lock, provides door position monitoring. The strike is supplied with a standard door magnet for use with cylindrical latches. Lockwood mortice locks and face plate accessories are sold separately.

## Key Features

- Patented field selectable fail safe/fail secure
- Multi voltage 10–30Vdc
- Fully monitored:
  - Integrated door position (reed) switch
  - Solenoid/Locked
  - Latch position

- 1000kg holding force
- 4hr fire rating
- Mounting tabs as supplied standard
- **TRIGARE**® 5 Year Warranty

## Applications

- High traffic areas
- Fire rated door sets
- Open in/open out doors
- Suitable for use with all access control systems
- Doors requiring additional door position monitoring

## Standards and Compliance

**SL8** (Security) Australian Lock Standard (AS4145.2.2008)

**D8** (Durability) Australian Lock Standard (AS4145.2.2008)



Successfully fire rated up to 4hrs on fire door assemblies in accordance with AS1905.1. 2005



CE Approved

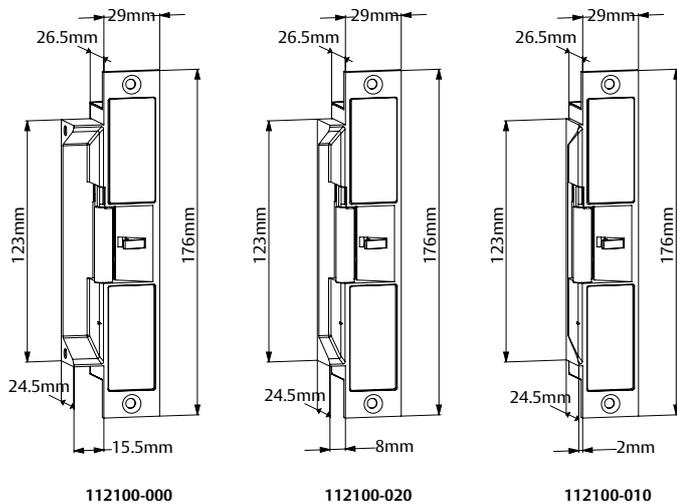


C-Tick Certified

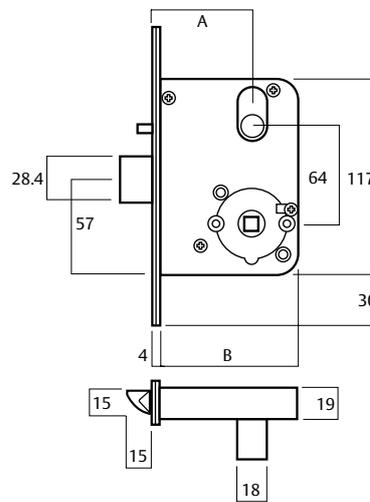
SCEC Approved for Security Level 3

IP 54 Rated

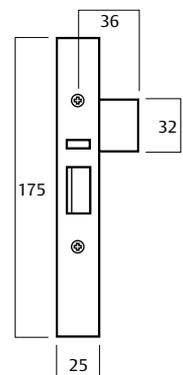
# ES2100 Series Monitored Electric Strike



ES2100 Electric Strike



3570 Series Mortice Lock



Magnet Faceplate

ES2100 Technical Information	
<b>Voltage</b>	Variable 10–30Vdc
<b>Current</b>	200mA @ 12Vdc – 120mA @ 24Vdc
<b>Solenoids</b>	Rated for continuous use
<b>Monitoring</b>	Latch Strike locked Door position (reed switch)
<b>Holding force</b>	1000kg static strength rating
<b>Endurance</b>	Cycle tested to 1.5 million operations
<b>Latch</b>	Suitable for 15mm latch bolt with 3mm door gap
<b>Body</b>	Stainless Steel
<b>Keeper</b>	Stainless Steel
<b>Environment</b>	Operational temperature range -20°C to +60°C

	STD Backset	Extended Backset
<b>Dimension A</b>	60	127
<b>Dimension B</b>	84	151

## Specification Statement

The strike should be constructed of solid stainless steel, have a minimum holding force of 1000kg and an endurance rating of 1.5 million cycles. Monitoring must include independent latch and solenoid monitoring. The strike shall have an integrated reed switch for door position monitoring and used in conjunction with Lockwood 3572MAGSC mortice lock or tubular latch with door magnet. Certifications must include CE, C-tick and 4 hr fire rating.

## Ordering Information

Product Description	Part Number
ES2100 Multifunction Strike 10-30Vdc Standard Lip with Extension Lip Holes	112100-000
ES2100 Multifunction strike 10-30Vdc No Lip	112100-010
ES2100 Multifunction strike 10-30Vdc 8mm Lip	112100-020

## Accessories

Product Description	Part Number
Lockwood 3572 Series Primary lock with magnet face plate	3572MAGSC
Magnet face plate – suits Lockwood 3570 series mortice lock	SP3570-2100SSS
Mounting Kit	220200-519
13mm Rebate Plate	210100-541
25mm Extension Lip (40.5mm total)	220200-505
50mm Extension Lip (65.5mm total)	220200-506
75mm Extension Lip (90.5mm total)	220200-507

## Ordering Notes:

When using integrated door position switch monitoring:

- Electric strikes are supplied with door magnet for cylindrical locksets only.
- Lockwood Mortice Locks and face plates are sold separately.
- All strikes are factory set to fail safe (PTL) configuration. Lock mode is easily set, post purchase, to fail secure (PTO) configuration, if required

# ES2600 Series Monitored Electric Strike

## General Description

The ES2600 Series surface mounted electric strikes are high security products manufactured from solid stainless steel and designed to be used with existing and new panic bars fitted to emergency doors.

When used in conjunction with a standard access control system, these strikes convert “Exit only” doors with “Pullman type” latches into a full access controlled door, thereby allowing authorised access from the secure side.

The ES2600 series are fully monitored with both solenoid and latch/door monitoring functions & can be changed from fail safe to fail secure on site.

## Key Features

- Fail safe/fail secure changeable on site
- High security
- Available in 12 or 24Vdc
- 650kg holding force
- 1 million cycles endurance rating
- Body depth only 27mm
- Cast stainless steel body
- Low current consumption – max 175Ma @ 12Vdc
- Continuously rated solenoid
- Installation template
- Australian designed
- **TRICARE**® 5 Year Warranty

## Applications

- For use with panic bars
- Surface mount
- Egress doors
- Fire rated door sets
- Open out door sets
- Suitable for use with all access control systems



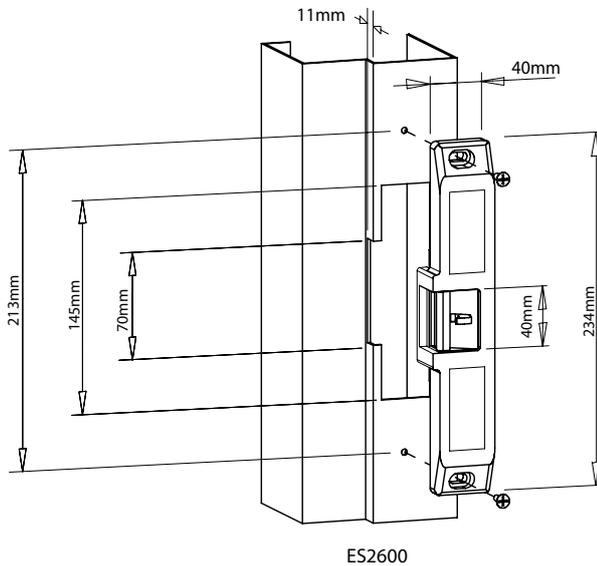
## Standards and Compliance

 Approved to UL1034 (highest level)

 CE Approved

 C-Tick Certified

# ES2600 Series Monitored Electric Strike



## ES2600 Technical Information

<b>Voltage</b>	12 or 24Vdc
<b>Current</b>	175mA @ 12Vdc – 88mA @ 24Vdc
<b>Solenoids</b>	Solenoids rated for continuous use
<b>Monitoring</b>	Solenoid Monitor – 1 amp NO/NC microswitch Door / Latch Monitor – 1 amp NO/NC microswitch
<b>Holding Force</b>	650kg Static Strength Rating
<b>Endurance</b>	Cycle tested to 1,000,000 operations
<b>Additional</b>	Anti friction roller (patented) Suits panic bars with 15 to 20mm Pullman latch projection
<b>Environment</b>	Operational temperature range - 20C to +60C
<b>Body</b>	Solid Stainless Steel Construction
<b>Keeper</b>	Stainless Steel

## Specification Statement

The strike should be constructed of solid stainless steel, have a minimum holding force of 650kg and have an endurance rating of 1 million cycles. Maximum penetration into the door frame should not exceed 12mm. The one strike must be changeable from fail safe to fail secure on site where required. The strike should not consume current greater than 175mA at 12Vdc and have a solenoid rated for continuous use. Certifications must include CE and C-Tick.

## Ordering Information

Product Description	Part Number
12V Fail Safe with Roller Keeper for Panic Bar	112601-000

# ES300 Series Electric Strike

## General Description

The ES300 series electric strikes are designed for high security applications and manufactured from solid stainless steel.

These strikes are extremely flexible and can be changed from fail safe to fail secure and mounted on the left or right hand side of the door, thus reducing the amount of variants needed to cover each application.

## Key Features

- Fail safe/fail secure changeable on site
- Available in 12 or 24Vdc
- 850kg holding force
- 1 million cycles endurance rating
- Stainless Steel locking pins
- Continuously rated solenoid
- Optional mounting kit
- **TRICARE**® 5 Year Warranty

## Applications

- Timber or metal doors
- Open in/open out doors
- Suitable for use with all access control systems



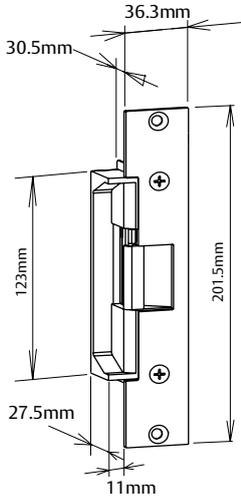
## Standards and Compliance

 Approved to UL1034 (highest level)

 CE Approved

 C-Tick Certified

# ES300 Series Electric Strike



ES300 Wide Extension Lip

## ES2600 Technical Information

<b>Voltage</b>	12 or 24Vdc
<b>Current</b>	175mA @ 12Vdc – 88mA @ 24Vdc
<b>Solenoids</b>	Solenoids rated for continuous use
<b>Monitoring</b>	None
<b>Holding Force</b>	850kg Static Strength Rating
<b>Endurance</b>	Cycle tested to 1,000,000 operations
<b>Environment</b>	Operational temperature range -20°C to +60°C
<b>Body</b>	Solid Stainless Steel Construction
<b>Keeper</b>	Stainless Steel
<b>Latch</b>	Suit 18mm latch bolt with 3 mm door gap

## Ordering Information

Product Description
12V Fail Safe Large Stainless Steel Faceplate - Wide Ext Lip (SEC)
12V Fail Secure Large Stainless Steel Faceplate - Wide Ext Lip (SEC)
24V Fail Safe Large Stainless Steel Faceplate - Wide Ext Lip (SEC)
24V Fail Secure Large Stainless Steel Faceplate - Wide Ext (SEC)

Part Number
110321-030
110322-030
110323-030
110324-030

## Specification Statement

The strike should be constructed of stainless steel, have a minimum holding force of 850kg and have an endurance rating of 1 million cycles. The one strike must be changeable from fail safe to fail secure on site where required. The strike should not consume current greater than 175mA @ 12Vdc and have a solenoid rated for continuous use. Certifications must include CE and C-Tick.

## Accessories

Product Description	Part Number
Mounting Kit	220200-519

# ES3000 Monitored Series Electric Strike

## General Description

The ES3000 series electric strikes are designed for high security applications and manufactured from solid stainless steel.

These long ANSI strikes offer a strong dependable and long-lasting electric strike solution and are suitable for use with any access control system.

These strikes are extremely flexible and can be changed from fail safe to fail secure and mounted on the left or right hand side of the door, thus reducing the amount of stock needed to cover each application.

## Key Features

- Fail safe/fail secure changeable on site
- Available in 12 or 24Vdc
- 850kg holding force
- Suitable for 18mm latches with 3mm door gap
- 1 million cycles endurance rating
- Stainless Steel locking pins
- Continuously rated solenoid
- Optional mounting kit
- Australian designed
- **TRICARE**® 5 Year Warranty

## Applications

- Timber or metal doors
- Open in/open out doors
- Suitable for use with all access control systems



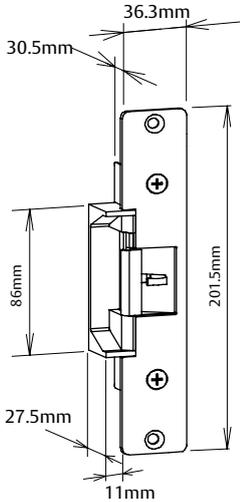
## Standards and Compliance

 Approved to UL1034 (highest level)

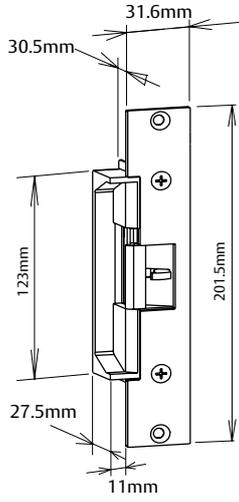
 CE Approved

 C-Tick Certified

# ES3000 Monitored Series Electric Strike



ES3000 ANSI Extension Lip



ES3000 Harcor Face Plate Wide Extension Lip

## ES3000 Technical Information

<b>Voltage</b>	12 or 24Vdc
<b>Current</b>	175mA @ 12Vdc – 88mA @ 24Vdc
<b>Solenoid</b>	Solenoids rated for continuous use
<b>Monitoring</b>	Solenoid Monitor - 1 amp NO/NC microswitch Door / Latch - 1 amp NO/NC microswitch
<b>Holding Force</b>	850kg static strength rating
<b>Endurance</b>	Cycle tested to 1,000,000 operations
<b>Environment</b>	Operational temperature range -20°C to +60°C
<b>Body</b>	Solid stainless steel construction
<b>Keeper</b>	Stainless Steel

## Specification Statement

The strike should be constructed of solid stainless steel, have a minimum holding force of 850kg and have an endurance rating of 1 million cycles. Monitoring must include independent door / latch & solenoid monitoring. The one strike must be changeable from fail safe to fail secure on site where required. The strike should not consume current greater than 175mA @ 12Vdc and have a solenoid rated for continuous use. Certifications must include CE and C-Tick.

## Ordering Information

Product Description	Part Number
<b>ES3000 Series - ANSI Extension LIP</b>	
12V Fail Safe Large Stainless Steel Faceplate	113101-000
<b>ES3000 Series - Wide Extension LIP</b>	
12V Fail Safe Large Stainless Steel Faceplate (SEC)	113201-030
24V Fail Safe Large Stainless Steel Faceplate (SEC)	113203-030

# ES9000 Series Pre-Load Strike

## General Description

The ES9000 has been designed to suit the harshest commercial environments, and has the unique feature of the ability to operate with up to 25kg of pre-load pressure on the keeper. Pre-load is a common condition that is caused by pulling on a door before it unlocks, the weight of warped or drooping doors, seals on fire doors, or by differential air pressure created when heating and cooling systems are in use.

Standard features include multi voltage 10 - 30Vdc and field changeable settings from fail safe to fail secure.

Built to last, this is a premium locking solution that has been tested in excess of 2 million cycles and boasts unique features like no other available on the market today.

## Key Features

- Operates under pre load up to 25kg
- Easy field selectable fail safe/fail secure
- Multi voltage 10-30Vdc
- 1300kg holding force
- 2.5 million cycles endurance rating
- Latch keeper is significantly quieter in operation
- Weather resistant
- Mounting tabs as standard
- Non handed
- Australian designed and made
- **TRICARE**® 5 Year Warranty

## Applications

- High traffic areas
- Doors subjected to side load (pre load)
- Fire rated door sets
- Open in/open out doors
- Suitable for use with all access control systems



## Standards and Compliance

**S8** S8 (Security) Australian Lock Standard (AS4145.2.2008)

**D8** D8 (Durability) Australian Lock Standard (AS4145.2.2008)



For Australian fire door applications, this Electric lock has been successfully fire rated for up to 4 hours on fire door assemblies in accordance with AS1905.1.2015 (Part 1: Fire resistant door sets). With a fire resistance level of 4 hours in accordance with AS1530.4-2014. Contact the supplier for further details, such as door type and door thickness etc that may affect the fire door suitability and rating.



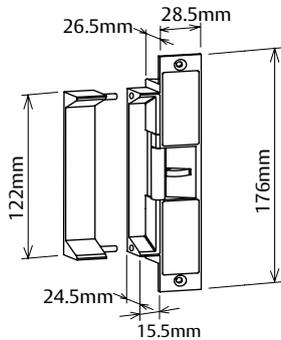
CE & UKCA approved (EMC, RoHS and REACH)



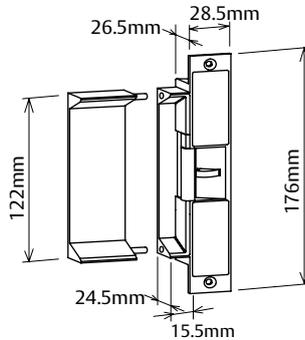
RCM compliant

SCEC Endorsed for SL3 Medium Threat Level Areas

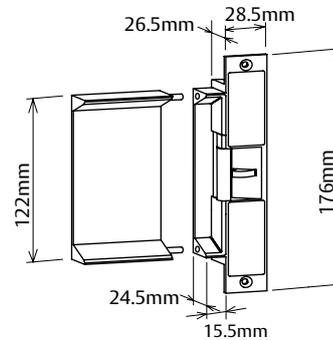
# ES9000 Series Pre-Load Strike



ES9000 with 25mm Extension Lip



ES9000 with 50mm Extension Lip



ES9000 with 75mm Extension Lip

## ES9000 Pre-Load Strike Technical Information

<b>Voltage</b>	10 – 30Vdc
<b>Current</b>	250mA @12Vdc – 130mA @24Vdc
<b>Solenoids</b>	Solenoid rated for continuous use
<b>Electrical protection</b>	Polarity and back EMF protected
<b>Monitoring</b>	Solenoid Monitor – 1 amp NO/NC microswitch Door / Latch Monitor – 1 amp NO/NC microswitch
<b>Holding force</b>	1300kg static strength rating
<b>Endurance</b>	1,200,000 cycles endurance rating @ 25kg pre-load 2,500,000 cycles general durability without pre-load conditions
<b>Latching</b>	Suitable for 15mm latch with 3mm door gap
<b>Environment</b>	Operational temperature range - 20C to +60C
<b>Body</b>	Solid Stainless Steel Construction
<b>Keeper</b>	Stainless Steel

## Ordering Information

Product Description	Part Number
ES9000 Pre - Load Multi Function Strike with Standard 15.5mm Lip	119001-000
ES9000 Pre - Load Multi Function Strike - No Lip	119001-010
ES9000 Pre - Load Multi Function Strike - 8mm Lip	119001-020
ES9000 Pre - Load Multi Function Strike - with Extension Lip Holes	119001-060
25mm Lip Extension (40.5mm Total) to suit 119001-060	220200-505
50mm Lip Extension (65.5mm Total) to suit 119001-060	220200-506
75mm Lip Extension (90.5mm Total) to suit 119001-060	220200-507

Note: All ES9000 series electric strikes are supplied in Fail Safe configuration.

## Specification Statement

The electric strike should be fully monitored and have independent door / latch and solenoid monitor switches. Holding force for the strike should be not less than 1300kg.

Where Power to Lock and Power to Open functions may be required in the same building, a single electric strike should be interchangeable from either fail safe or fail secure from the rear of the strike.

The electric strike should not consume current greater than 250mA @ 12Vdc and have a solenoid rated for continuous use. A fire rating not less than 4 hours is required where applicable. The strike must be capable of operating with up to 25kg of pre-load pressure applied to the keeper, be tested to 2.5 million operations and carry a minimum warranty of 5 years.

# ES9100 Series Pre-Load Strike with Door Position Monitoring

## General Description

Following on from the extremely popular and industry leading Trimec ES9000 Pre-Load Electric Strike, the Trimec ES9100 Electric Strike provides all the key features and specifications of the ES9000 but with the added inclusion of Door Position Monitoring (DPS) via an integrated Reed Switch. The ES9100 body is also pre-drilled for the inclusion of 25mm, 50mm or 75mm Extension Lips, if required.

The Trimec Series ES9100 has been designed to suit the harshest commercial environments, and has the unique feature of the ability to operate with up to 25kg of pre-load pressure on the keeper. Pre-load is a common condition that is caused by pulling on a door before it unlocks, the weight of warped or drooping doors, seals on fire doors or by differential air pressure created when heating and cooling systems are in use. Standard features include multi voltage 10 - 30VDC and field changeable settings from fail safe to fail secure. Built to last, this is a premium locking solution that has been tested in excess of 2 million cycles and boasts unique features like no other available on the market today.

## Key Features

- Operates under pre load up to 25kg
- Door Position Monitoring Output
- Lock Status and Latch Position Monitoring Output
- Easy field selectable fail safe/fail secure
- Multi voltage 10-30VDC
- 1300kg holding force
- 2.5 million cycles endurance rating
- Latch keeper is significantly quieter in operation
- Weather resistant (IP54)
- Pre-Drilled for Extension Lips
- Mounting tabs included
- Non handed
- **TRIGRE®** 5 Year Warranty (Padde Series)
- Built in Protection Diode

## Applications

- High traffic areas
- Doors subjected to side load (pre load)
- Fire rated door sets
- Inward and Outward opening doors
- Suitable for use with all access control systems



## Standards and Compliance

**S8** S8 (Security) Australian Lock Standard (AS4145.2.2008)

**D8** D8 (Durability) Australian Lock Standard (AS4145.2.2008)



For Australian fire door applications, this Electric lock has been successfully fire rated for up to 4 hours on fire door assemblies in accordance with AS1905.1.2015 (Part 1: Fire resistant door sets). With a fire resistance level of 4 hours in accordance with AS1530.4-2014. Contact the supplier for further details, such as door type and door thickness etc that may affect the fire door suitability and rating.

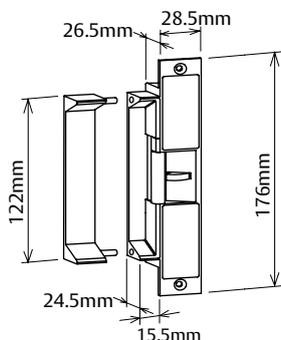


CE & UKCA approved (EMC, RoHS and REACH)

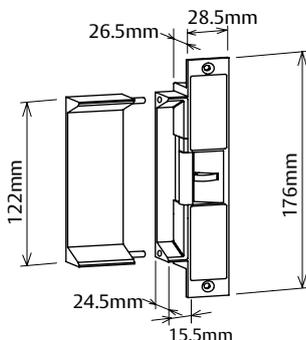


RCM compliant

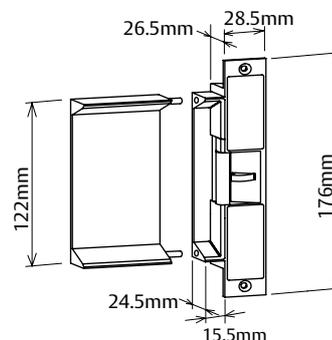
# ES9100 Series Pre-Load Strike with Door Position Monitoring



ES9100 with 25mm Extension Lip



ES9100 with 50mm Extension Lip



ES9100 with 75mm Extension Lip

## ES9100 Pre-Load Strike Technical Information

<b>Voltage:</b>	10 to 30VDC
<b>Current:</b>	250mA @ 12VDC, 130mA @ 24VDC
<b>Monitoring:</b>	Solenoid (1 Amp NO/NC), Door/Latch (1 Amp NO/NC) Door Position (1 Amp NC)
<b>Holding Force:</b>	1300kg Static Strength Rating
<b>Endurance:</b>	1,200,000 cycles @ 25kg Pre-Load, 2,500,000 cycles without Pre-Load
<b>Latching:</b>	Suitable for use with 15mm Latch and 3mm Door Gap
<b>Environment:</b>	Operating Temperature range -20C to +60C, IP54 Rating
<b>Body:</b>	Solid Stainless Steel Construction
<b>Keeper:</b>	Stainless Steel

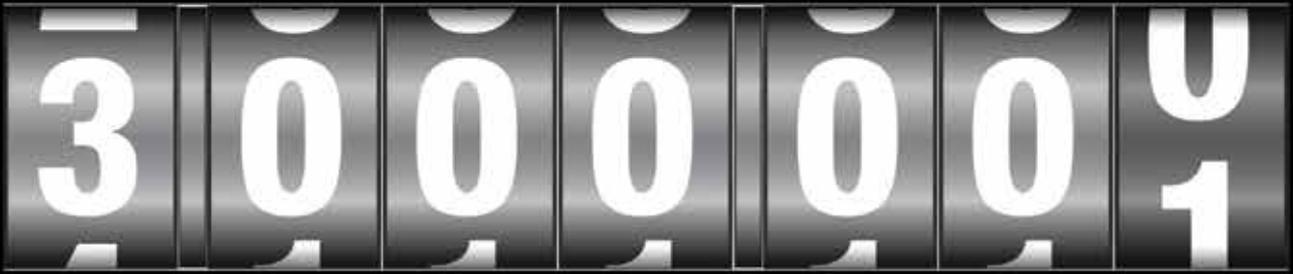
## Specification Statement

The electric strike should be fully monitored, including Door Position, independent door/latch and solenoid monitoring outputs. Holding force for the strike should be not less than 1300kg. Where Power to Lock and Power to Open functions may be required in the same building, a single electric strike should be interchangeable from either fail safe or fail secure from the rear of the strike. The electric strike should not consume current greater than 250mA @ 12Vdc and have a solenoid rated for continuous use. A fire rating not less than 4 hours is required where applicable. The strike must be capable of operating with up to 25kg of pre-load pressure applied to the keeper, be tested to 2.5 million operations and carry a minimum warranty of 5 years.

## Ordering Information

Product Description	Part Number
Trimec ES9100 Electric Strike, 10-30VDC, Preload, Door Position Monitoring, Ext Lip Holes	119100-000
13mm Rebate Plate	210100-541
25mm Extension Lip (40.5mm total)	220200-505
50mm Extension Lip (65.5mm total)	220200-506
75mm Extension Lip (90.5mm total)	220200-507

Note: All ES9100 series electric strikes are supplied in Fail Safe (PTL) configuration.



## Tested to 3 million cycles... and counting

The ES9000 is now approved by the Security Construction and Equipment Committee (SCEC) for Access Control in Secure Areas (Security Level 3).

- Operates under Pre-load up to 25 kg
- Easy field selectable fail safe / fail secure
- Multi voltage 10- 30 Vdc
- Designed and manufactured in Australia





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**ASSA ABLOY**  
Opening Solutions

**Head Office**

ASSA ABLOY Australia Pty Limited  
235 Huntingdale Road  
Oakleigh Victoria 3166  
Australia

+61 (3) 8574 3888  
exportem@assaabloyasiapacific.com  
assaabloyopeningsolutions.com.au

