

# 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
- Available in 12 or 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)



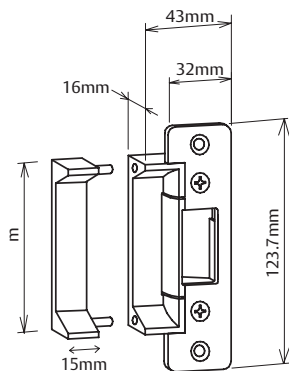
CE Approved



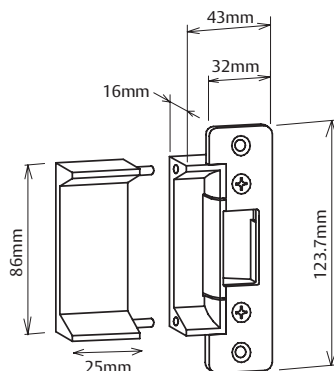
C-Tick Certified

Weather Resistant IP56

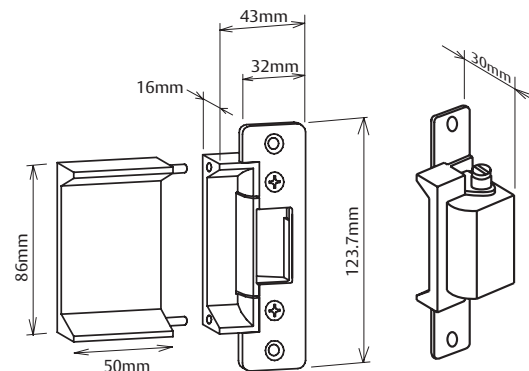
# ES100 Series Electric Strike



ES100 with 15mm ext lip  
- "A" Plate



ES100 with 25mm ext lip  
- "A" Plate



ES100 with 50mm ext lip  
- "A" Plate

## ES100 Technical Information

<b>Voltage</b>	12 or 24Vdc
<b>Current</b>	243 mA @ 12Vdc – 187mA @ 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 available. (IP56)
<b>Body</b>	Cast Aluminium Construction
<b>Keeper</b>	Stainless Steel

## Accessories

Product Description	Part Number
15mm Extension Lip	220100-506
25mm Extension Lip	220100-507
50mm Extension Lip	220100-508
Mounting Kit	220200-518

## Ordering Information

Product Description	Part Number
<b>12V Electric Strike</b>	
12V Fail Safe Stainless Steel Faceplate (A) - Lipless	110101-030
12V Fail Safe Weather Resistant Stainless Steel Faceplate (A)	110101-070
12V Fail Secure Weather Resistant Stainless Steel Faceplate (A)	110102-070
<b>24V Electric Strike</b>	
24V Fail Safe Weather Resistant Stainless Steel Faceplate (A)	110103-070
24V Weather Resistant Fail Secure Stainless Steel Face Plate (A)	110104-070

**Note:** For additional face plate options see page 12.  
All strikes come Standard with Extension Lip Holes.

## 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 243mA @ 12Vdc or 187mA @ 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
- Available in 12 or 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)



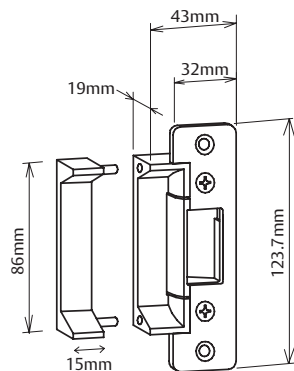
CE Approved



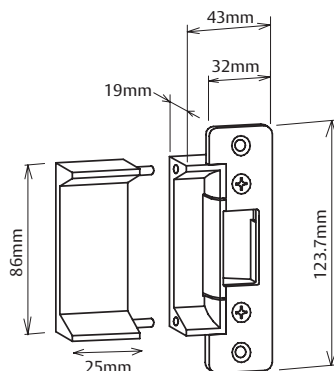
C-Tick Certified

Weather Resistant IP56

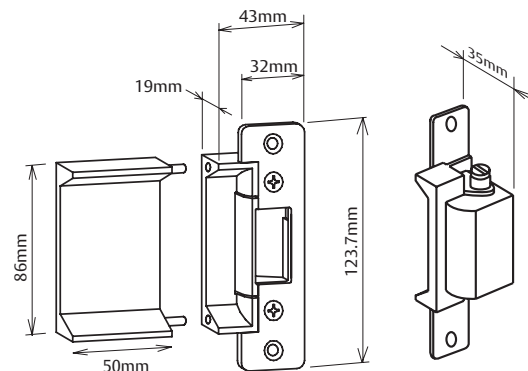
# ES110 Series Electric Strike



ES110 with 15mm ext lip  
- "A" Plate



ES110 with 25mm ext lip  
- "A" Plate



ES110 with 50mm ext lip  
- "A" Plate

## ES110 Technical Information

<b>Voltage</b>	12 or 24Vdc
<b>Current</b>	243 mA @ 12Vdc – 187mA @ 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 available (IP56)
<b>Body</b>	Cast Aluminium Construction
<b>Keeper</b>	Stainless Steel

## Ordering Information

Product Description	Part Number
<b>12V Electric Strike</b>	
12V Fail Safe Weather Resistant Stainless Steel Face Plate (A)	110111-060
12V Fail Safe Weather Resistant Stainless Steel Face Plate Lipless (H)	110111-150
12V Fail Safe Weather Resistant Stainless Steel Face Plate (H)	110111-160
12V Fail Safe Weather Resistant Stainless Steel Face Plate Lipless (A)	110111-190
12V Fail Secure Weather Resistant Stainless Steel Face Plate (A)	110112-060
12V Fail Secure Weather Resistant Stainless Steel Face Plate (H)	110112-140
<b>24V Electric Strike</b>	
24V Fail Safe Weather Resistant Stainless Steel Face Plate (A)	110113-060
24V Fail Safe Weather Resistant Stainless Steel Face Plate (H)	110113-140
24V Fail Secure Weather Resistant Stainless Steel Face Plate (A)	110114-060

## 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 243mA @ 12Vdc or 187mA @ 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

Product Description	Part Number
15mm Extension Lip	220110-502
25mm Extension Lip	220110-503
50mm Extension Lip	220110-504
Mounting Kit	220200-518

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

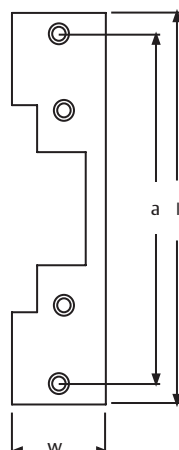
**Note:** Strikes comes standard with Extension Lip Holes

# ES100 / ES110 Faceplate Options

## Faceplates

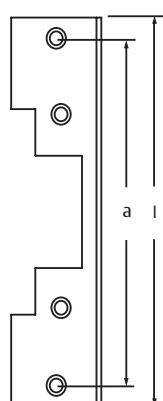
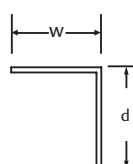
Faceplate Style	l	w	a	Part Number
A (ANSI Short) - SS	123.7	31.7	104.8	210100-544
B (ANSI Long) - SS	201.6	36.3	185.7	210100-530
C (Slim) - SS	150	28.6	136.1	200100-519

**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
K (Short Sash LH) [DIN Left] - SS	182	32	36.5	14.7	210100-532
L (Short Sash RH) [DIN Right] - SS	182	32	36.5	14.7	210100-534

**Note:** SS - Stainless Steel

All face plates are sold separately

