

# Door Entry Direct

## 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
- IP56 weather resistant version available
- Suitable For 18mm latch with a 3mm door gap
- Australian designed and made
- **TR CARE** 5 Year Warranty

### Applications

- Exposed areas (weather resistant models)
- 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)



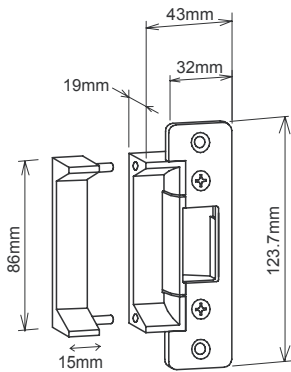
Approved to UL1034 (highest level)



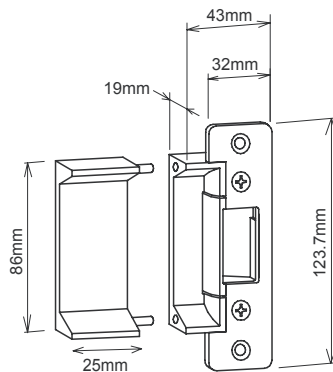
CE Approved

Weather Resistant Version (IP56) available

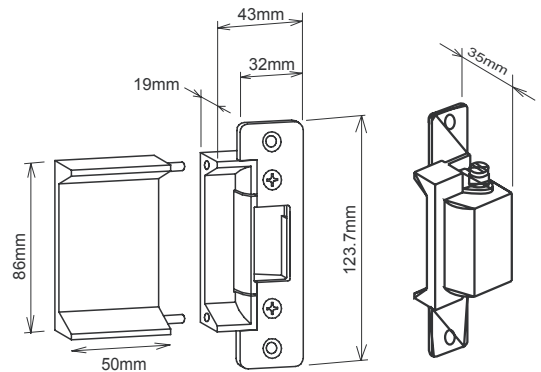
## ES110 Series Electric Strike



ES110 with 15mm ext lip  
- "A" Plate



ES110 with 25mm ext lip  
- "A" Plate



ES110 with 50mm ext lip  
- "A" Plate

### ES110 Technical Information

|               |  |
|---------------|--|
| Voltage       | 12 or 24Vdc  |
| Current       | 243 mA @ 12Vdc – 187mA @ 24Vdc   |
| Solenoid      | Solenoids are rated for continuous use.  |
| Monitoring    | None   |
| Holding Force | 680 kg Static Strength Rating  |
| Endurance     | Cycle tested to 1,000,000 operations   |
| Environment   | Operational temperature range -20°C to +60°C<br>Weather resistant construction available. (IP56) |
| Body          | Cast Aluminium Construction  |
| Keeper        | Stainless Steel  |

### Ordering Information

| Product Description  | Part Number |
|--|-------------|
| 12V Electric Strike  |             |
| 12V Fail Safe Stainless Steel Face Plate (A)                           | 110111-050  |
| 12V Fail Safe Weather Resistant Stainless Steel Face Plate (A)         | 110111-060  |
| 12V Fail Safe Long Stainless Steel Face plate (B)                      | 110111-100  |
| 12V Fail Safe Weather Resistant Long Stainless Steel Faceplate (B)     | 110111-110  |
| 12V Fail Safe Adams Rite Faceplate Stainless Steel                     | 110111-140  |
| 12V Fail Safe Weather Resistant Adams Rite Faceplate Stainless Steel   | 110111-160  |
| 12V Fail Safe Adams Rite Faceplate Stainless Steel - No Lip            | 110111-150  |
| 12V Fail Safe Stainless Steel Faceplate - No Lip                       | 110111-190  |
| 12V Fail Secure Adams Rite Faceplate Stainless Steel                   | 110112-140  |
| 12V Fail Secure Weather Resistant Adams Rite Faceplate Stainless Steel | 110112-160  |
| 12V Fail Secure Long Stainless Steel Faceplate (B)                     | 110112-100  |
| 12V Fail Secure Stainless Steel Faceplate - No Lip                     | 110112-190  |
| 12V Fail Secure Stainless Steel Faceplate (A)                          | 110112-050  |
| 12V Fail Secure Weather Resistant Stainless Steel Faceplate (A)        | 110112-060  |
| 24V Electric Strike  |             |
| 24V Fail Safe Stainless Steel Faceplate (A)                            | 110113-050  |
| 24V Fail Safe Adams Rite Faceplate Stainless Steel                     | 110113-140  |
| 24V Fail Safe Adams Rite Faceplate Stainless Steel - No Lip            | 110113-150  |
| 24V Fail Safe Weather Resistant Stainless Steel Faceplate              | 110113-060  |
| 24V Fail Safe Adams Rite Faceplate Stainless Steel                     | 110113-160  |
| 24V Fail Safe Long Stainless Steel Faceplate (B)                       | 110113-100  |
| 24V Fail Safe Weather Resistant Long Stainless Steel Faceplate (B)     | 110113-105  |
| 24V Fail Secure Stainless Steel Faceplate (A)                          | 110114-050  |
| 24V Fail Secure Weather Resistant Adams Rite Faceplate Stainless Steel | 110114-140  |

Note: For additional face plate options see page 10.

### 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  |
| Pins-spring-stopkit (x5) | 200110-100  |
| 24V Solenoid             | 220100-502  |