

ES2100 Series Monitored Electric Strike



The Lockwood Padde Series ES2100 is the latest product to join the iconic Lockwood 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
- 5 Year Tricare Warranty (Padde Series)
- Weather Resistant (IP54)
- Built in Protection Diode




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

Product Details

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

Standards and Compliance

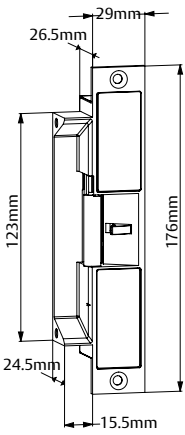
| | |
|---|---|
| SL8 | (Security) Australian Lock Standard (AS4145.2.2008). |
| D8 | (Durability) Australian Lock Standard (AS4145.2.2008) |
|  | Successfully fire rated up to 4hrs on fire door assemblies in accordance with AS1905.1.2005 |
|  | CE Approved |
|  | C-Tick Certified |

SCEC Endorsed for SL3 Medium Threat Level Areas

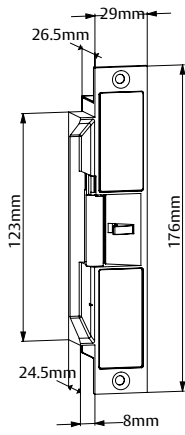
ES2100 Series Monitored Electric Strike



Integrated magnets
Align with integrated reed switch.

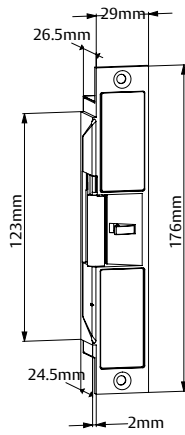


ES2100

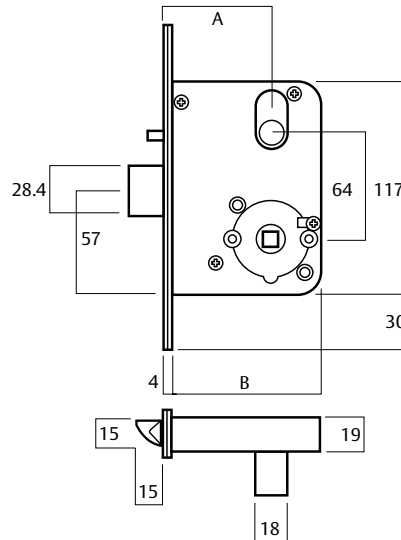


ES2100-020

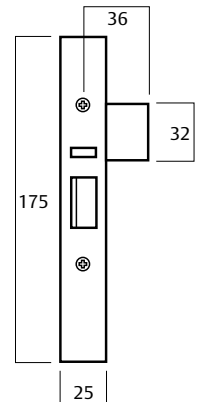
ES2100 Electric Strike



ES2100-010



3570 Series Mortice Lock



Magnet Faceplate

STD Backset

Extended Backset

| | | |
|-------------|----|-----|
| Dimension A | 60 | 127 |
| Dimension B | 84 | 151 |

ES2100 Series Monitored Electric Strike

Ordering Information

| Part Number | Product Description |
|-------------------|--|
| ES2100 | ES2100 Multifunction Strike 10-30Vdc Standard Lip with Extension Lip Holes |
| ES2100-010 | ES2100 E/Strike 12-30Vdc M/Function Door Monitored No Lip |
| ES2100-020 | ES2100 E/Strike 12-30Vdc M/Function Door Monitored 8mm Lip |

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. Configuration to Fail Secure (PTO) is easily set on site.

Specification Statement

The strike should be constructed of 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. Certifications must include CE, C-tick and 4 hr fire rating.

Accessories Ordering Information

| Part Number | Product Description |
|-----------------------|--|
| 3772AF-2100SS | ES2100 Magnet Faceplate – suits 3770 series mortice locks – Aluminium Door |
| 3772-2100SS | ES2100 Magnet Faceplate – suits 3770 series mortice locks – Timber Door |
| SP3570-2100SSS | ES2100 Magnet Faceplate – suits 3570 series mortice locks – Timber Door |
| 3782-2100SS | ES2100 Magnet Faceplate – suits 3782 series mortice locks – Aluminium Door |
| 3782TF-2100SS | ES2100 Magnet Faceplate – suits 3782 series mortice locks – Timber Door |
| 220200-519 | Mounting Kit |
| 210100-541 | 13mm Rebate Plate |
| 220200-505 | 25mm Extension Lip (40.5mm total) |
| 220200-506 | 50mm Extension Lip (65.5mm total) |
| 220200-507 | 75mm Extension Lip (90.5mm total) |