ES9000 Series Pre-Load Strike



The Lockwood Padde Series 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
- 5 Year Tricare Warranty (Padde Series)
- Weather Resistant (IP54)
- Built in Protection Diode

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

Product Details

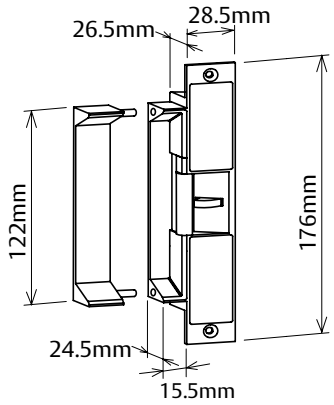
Voltage	10 or 30Vdc
Current	250mA @ 12Vdc - 130mA @24Vdc
Solenoids	Solenoids rated for continuous use.
Monitoring	Solenoid Monitor - 1 amp NO/NC microswitch Door / Latch - 1 amp NO/NC microswitch
Holding Force	1300kg Static Strength Rating
Endurance	1,200,000 cycles endurance rating @ 25kg pre-load 2,500,00 cycles general durability without pre-load conditions
Latching	Suitable for 15mm latch with 3mm door gap
Environment	Operational temperature range - 20C to +60C
Body	Solid Stainless Steel Construction
Keeper	Stainless Steel

Standards and Compliance

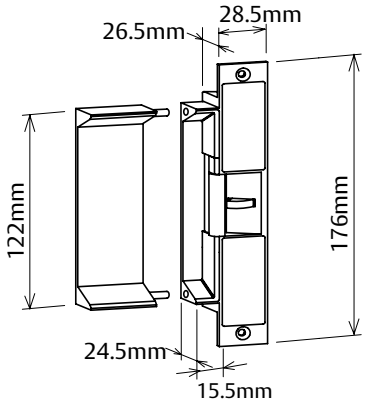
S8	S8 (Security) Australian Lock Standard (AS4145.2.2008)
D8	D8 (Durability) Australian Lock Standard (AS4145.2.2008)
	For Australian fire door applications, this Electric lock has been successfully fire rated for up to 4 hours on fire door assemblies in accordance with AS1905.1.2015 (Part 1: Fire resistant 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	CE & UKCA approved (EMC, RoHS and REACH)
	RCM compliant
	SCEC Endorsed for SL3 Medium Threat Level Areas

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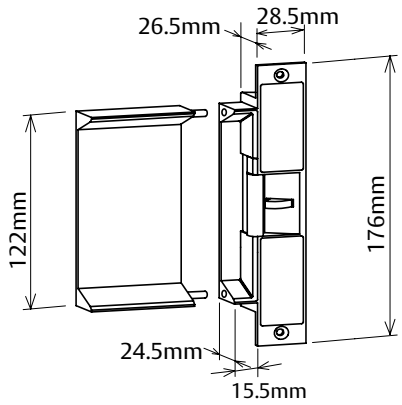




ES9000 with 25mm Extension Lip



ES9000 with 50mm Extension Lip



ES9000 with 75mm Extension Lip

Ordering Information

Part Number	Product Description
ES9000	ES9000 E/Strike 12-30Vdc M/Function Preload Monitored
ES9000-010	ES9000 E/Strike 12-30Vdc M/Function Preload Monitored No Lip
ES9000-020	ES9000 E/Strike 12-30Vdc M/Function Preload Monitored 8mm Lip
ES9000-060	ES9000 E/Strike 12-30Vdc M/Function Preload Monitored Lip Holes

Note: All ES9000 Series Electric Strikes are supplied in Fail Safe configuration.

Accessories Ordering Information

Part Number	Product Description
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)
220200-519	Mounting Kit

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.