

ES6000® Hook Lock



Lockwood Padde Series ES6000 Hook Lock is suitable for swinging doors, sliding doors and is easily attached to wood or steel door frames. ES6000 is heavy duty designed with its high pre-load (side load) capability of up to 300 kg, high holding force of up to 700 kg and up to 4hr fire rating. Both Power to Open and Power to Lock models are available.

The ES6000 is available in both recess and surface mounted versions.

The ES6000 recess mounted version is completed with an elegant satin stainless steel face plate. The surface mounted version is completed with a cast aluminium cover that can be supplied in a variety of colours to match existing door frames.

ES6000 can be mounted vertically and horizontally, with self-latching ability without power for fire applications.

Features

- Power to Open or Power to Lock versions available
- Side load (pre-load) capable: operates freely with up to 300 kg of side pressure
- Self latching: will self latch without power for fire applications

- 680 kg holding force
- Robust construction: stainless steel components used
- Low profile: will protrude only 40 mm into door headroom
- Multi voltage: automatic selection 12 to 30Vdc with back EMF protection and reverse polarity protection
- Multi orientation: can be mounted vertically or horizontally
- Low current consumption 12VDC-250mA after 1 sec. (initial current 830mA) 24VDC-140mA after 1 sec. (initial current 530mA)
- Monitored: locked and unlocked
- Tested to the 300 kg pre-load capability
- 5 Year Tricare Warranty (Padde Series)

Applications

- Heavy duty applications
- Sliding and swing door applications
- High air pressure environments (high pre-load rating)

Product Details

Voltage	Supply Voltage 12-30Vdc Ground (OV)
Current	12Vdc-250 mA after 1 sec. (initial current 830mA) 24Vdc-140 mA after 1 sec. (initial current 530mA)
Monitoring	Door Locked (Solenoid) - Door Closed (Latch)
Strength	1500 lbs. (680 kg) static strength rating 70 foot-lbs. dynamic strength rating
Endurance	250,000 cycles endurance testing Internal testing achieved: 2,000,000 cycles of operation
Pre-Load	660lbs (300kg) pre-load capability
Environment	Operational temperature range: -20°C to +60°C
Lock Body	Cast Aluminium Construction
Lock Bolt	Solid Stainless Steel

Standards and Compliance



Successfully fire rated up to 2 hours on fire door assemblies in accordance with AS1905.1. 2005 (Part 1: Fire resistant door sets)

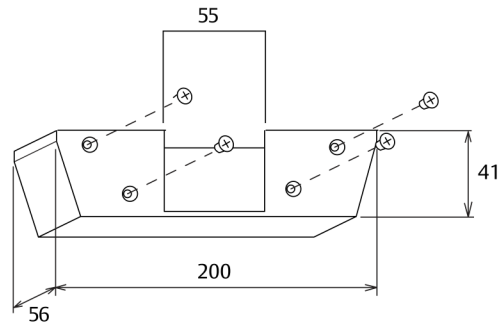
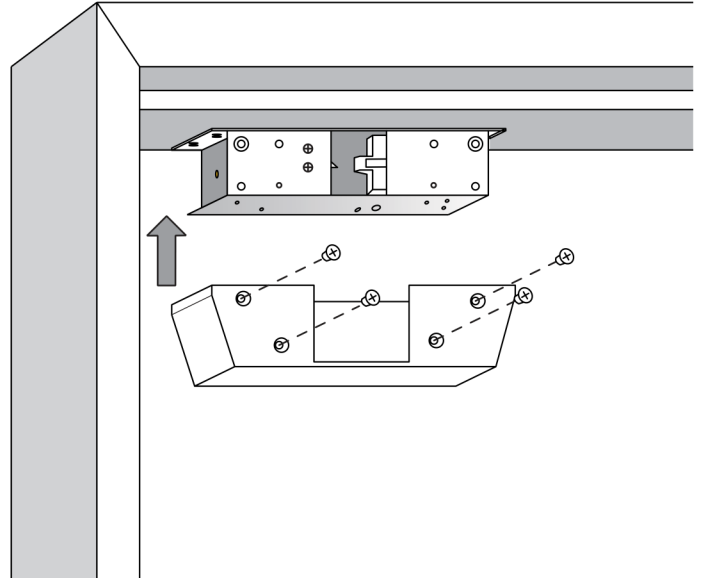


Approved to UL1034 (highest level)



C-Tick Certified

ES6000 Hook Lock



Ordering Information

Part Number	Product Description
ES6000M-1	ES6000 Hook Lock Mortise 12/24Vdc Fail Safe Monitored
ES6000S-1	ES6000 Hook Lock Surface 12/24Vdc Fail Safe Monitored
ES6000M-2	ES6000 Hook Lock Surface 12/24Vdc Fail Secure Monitored
ES6000S-2	ES6000 Hook Lock Mortise 12/24Vdc Fail Secure Monitored
Accessories	
206000-010	Spare Cover for Hook Lock, Silver

Specification Statement

This lock must be able to operate with up to 300 kg of preload pressure, with a holding force of 700 kg. The lock must be multi voltage selection 12 - 30 Volts with back EMF protection for reverse polarity. Lock can be mounted both horizontally or vertically. The lock needs to be subjected to vigorous testing and achieve a minimum of 2,000,000 cycles.