

Specialist bolts and strikes

ES6000

Hook Lock

Application:

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. 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 elegant satin stainless steel faceplate. The surface mounted version is completed with a cast aluminium cover.

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



Specification:

- 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
- 680kg holding force
- Robust Construction: Stainless steel components used
- Low Profile: Will protrude only 40mm 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 300kg pre load capability

Finish:

- Heavy Duty Applications
- Sliding & Swing door applications
- High Air Pressure Environments (High Pre Load rating)

Standards:

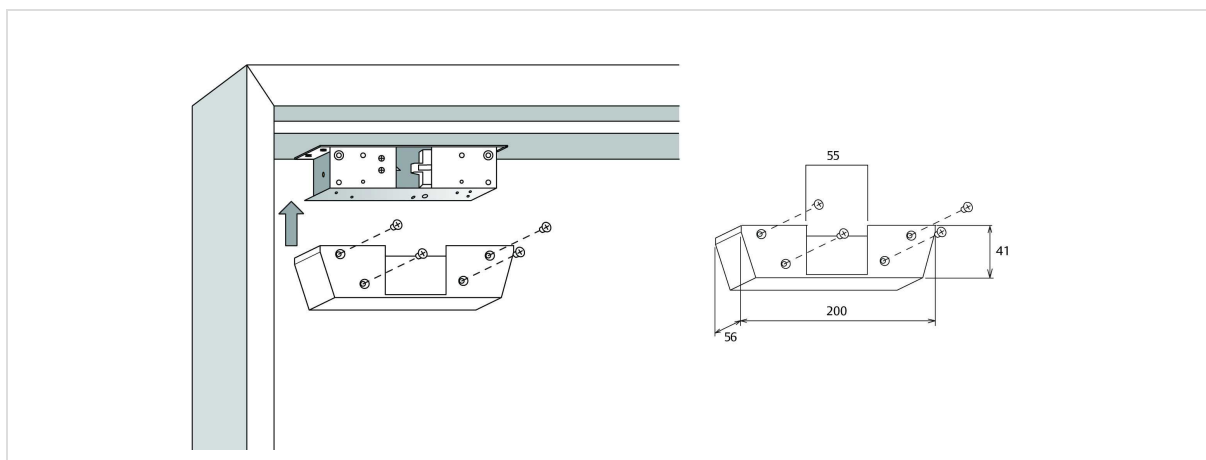
Voltage	Supply Voltage 12-30Vdc Ground (OV)
Current	12Vdc – 250 mA after 1 sec. (initial current 830 mA) 24Vdc – 140 mA after 1 sec. (initial current 530 mA)
Monitoring	Door locked (Solenoid) – Door Closed (Latch)
Strength	1500 lbs. (680kg) static strength rating 70 foot-lbs. dynamic strength rating
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 Body	Solid Stainless Steel Construction
Lock Bolt	Solid Stainless Steel

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Technical Design:



Variants:

Code	Description
116001-000	TRIMEC ES6001M-TFAS PTL MORTISE
116001-010	TRIMEC ES6001S-TA SURFACE
116002-000	TRIMEC ES6002M-TFAS PTO MORTISE
116002-010	TRIMEC ES6002S-TA SURFACE