

60J Dynamic  
Impact Resistance



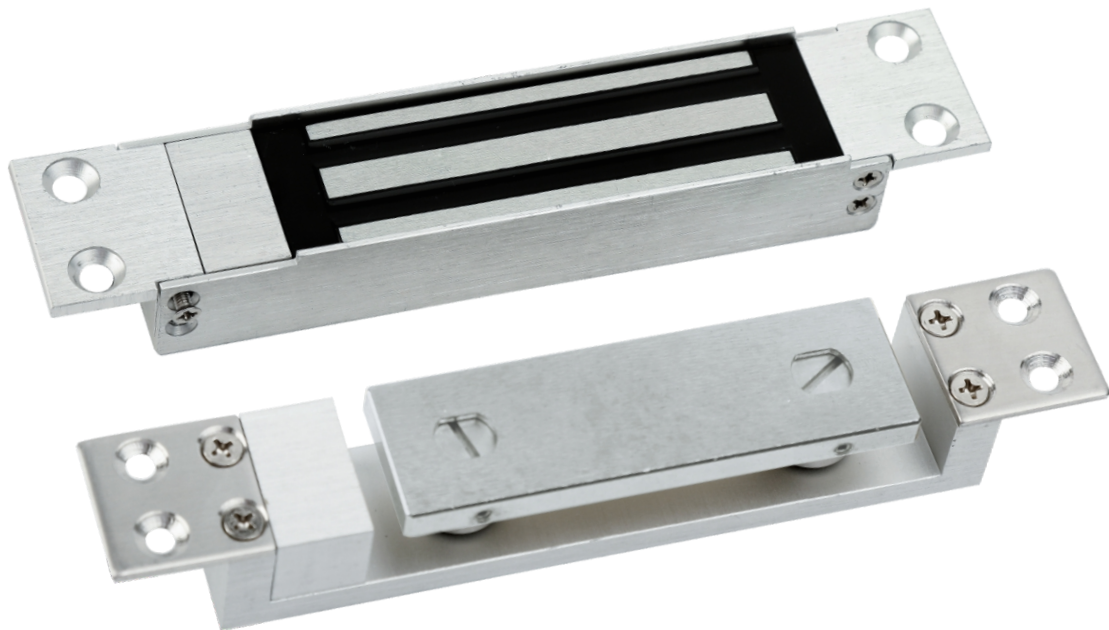
250Kg Holding Force



Over 1 Million Cycles  
Usage Lifespan



Power to Lock



Anti-Corrosion Plating  
Passed 96Hrs Salt Spray Test



Gap At Least 3mm

## FEATURE

SH2500 shear locks are designed for 90° degree door swings application. It is small to be install concealed under the top door and frame, it operates on 12 to 24VDC shear force with no residual magnetism. A temporary high 1.2A rush current sucks up the plate then return it to normal 0.2A current operation after 2 seconds. Ensure that the gap in between the magnet and armature plate attracting surface is within 3mm so that the lock can work.

## SPECS



EN 1634-1:2014  
BS EN 1634-1:2014  
BS 476-22:1987  
4 Hrs Fire  
Resistance Integrity



### Fail Safe

#### Dimension

#### Weight

#### Operating Voltage

#### Operating Current

#### Holding Force

#### Impact Energy

#### Operating Conditions

#### Gap At Least 3mm

#### Output Signals

#### Surface Finishes

### Power to Lock

Lock Body L 165 x W 31 x H 21mm

Armature Plate L 86 x W 25.4 x H 6mm

0.7Kg

12-24VDC  $\pm 10\%$

12VDC – 1200mA (Rush) 24VDC – 600mA (Rush)  
200mA (Hold) 100mA (Hold)

250Kg

60J

Temperature  $-10^{\circ}\text{C} \sim 60^{\circ}\text{C}$

Humidity 0 ~ 85% (non-condensing)

After installation, ensure that the gap in between the lock and armature plate surface is within 3mm so the lock can work.

Lock Status Output  
(LSS) Option  
COM/NC/NO:  
Max 24VDC; Max 1A

Anodized Aluminum Housing  
High Quality Plating for Anti-corrosion  
(96 Hrs Salt Spray Corrosion Tested)

## MODELS

SH2500

Lock Status Sensor Monitoring

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