



200J Dynamic Impact Resistance



680Kg Holding Force



Over 1 Million Cycles Usage Lifespan



Power to Lock



EM5000G



EM5000F



EM5000S



Anti-Corrosion Plating  
Passed 96Hrs Salt Spray Test



Ingress Protection Certification



Front or Side Fixing Arrangement



Robust Stainless Construction



Up to 4 Hours\*  
Fire Resistance Integrity  
\*EN 1634-1:2014 / BS EN 1634-1:2014 /  
BS 476-22:1987

## FEATURE

EM5000 series is a weather resistant magnetic lock with a built-in varistor (MOV) surge protection designed to suit external gates, and sliding door applications. EM5000G series is a Fail-Safe lock with holding force up to 680kg, Lock Status Sensor (LSS), and dual operating voltage of 12/24VDC. The lock model is provided with a dual fixing arrangement.

## SPECS



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



**IP67**  
IEC 60529:2001

## Fail Safe

### Dimension

### Weight

### Operating Voltage

### Operating Current

### Holding Force

### Impact Energy

### Operating Conditions

### Output Signals

### Surface Finishes

### Residual Magnetism

## Power to Lock

### Lock Body

L 224 x W 63.5 x H 44.5mm

### Armature Plate

L 190 x W 61 x H 16mm

5.5Kg

12/24VDC ±10%

12VDC – 480mA

24VDC – 240mA

680Kg

200J

Temperature

-10°C ~ 60°C

Humidity

0 ~ 85% (non-condensing)

Lock Status Sensor

(LSS)

COM/NO/NC:

Max 24VDC; Max 1A

Full weather resistant stainless Steel finish;

Electrogalvanization to prevent from rusting

No residual magnetism

\*No spring rebound mechanism on armature plate is required to overcome residual magnetism

## MODELS

	Lock Status Sensor Monitoring	Side Mount	Front Mount	Conduit Head Connector
EM5000G	•	•	•	•
EM5000S	•	•		
EM5000F	•		•	

## ACCESSORIES

### L&Z EM5000G

In-swing door L&Z bracket

### BL 5000GL

L bracket and mounting plate for Sliding Door application