

# ONETOP

## EM5000G/LF

Fire Rated  
Environmental Friendly  
Weather Resistant  
Electromagnetic Lock



200J Dynamic  
Impact Resistance



600Kg Holding Force



Over 1 Million Cycles  
Usage Lifespan



Power to Lock



Anti-Corrosion Plating  
Passed 96Hrs Salt Spray Test



Robust Stainless  
Construction



Front or Side Fixing  
Arrangement

### FEATURE

The EM5000G/LF series are dual operating 12/24VDC Fail-Safe electromagnetic lock in stainless steel encase body, highly quality plated for more corrosion resistant and instantly release to unlock when powered OFF without any residual magnetism. The lock fixing arrangement can be on the front or side, for use on swing or sliding interior or exterior gate perimeter security with Lock status monitoring sensor and built-in surge protection. This new design has been tested to be fire rated for 3 hours and product has been classified to be environmental friendly.

## SPECS



### 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

6Kg

12/24VDC  $\pm 10\%$

12VDC – 480mA 24VDC – 240mA

600Kg

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

## MODEL

	Lock Status Sensor Monitoring	Side Mount	Front Mount	Conduit Head Connector
EM5000G/LF	•	•	•	•

## ACCESSORIES

### L&Z EM5000G

In-swing door L&Z bracket

### BL 5000GL

L bracket and mounting plate for Sliding Door application