



## EM5000 SERIES

Weather Resistant Series



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

<b>Fail Safe</b>
<b>Dimension</b>
<b>Weight</b>
<b>Operating Voltage</b>
<b>Operating Current</b>
<b>Holding Force</b>
<b>Impact Energy</b>
<b>Operating Conditions</b>
<b>Output Signals</b>
<b>Surface Finishes</b>
<b>Residual Magnetism</b>

<b>Power to Lock</b>	
<b>Lock Body</b>	L 224 x W 63.5 x H 44.5mm
<b>Armature Plate</b>	L 190 x W 61 x H 16mm
<b>5.5Kg</b>	
<b>12/24VDC ±10%</b>	
<b>12VDC – 480mA</b>	<b>24VDC – 240mA</b>
<b>680Kg</b>	
<b>200J</b>	
<b>Temperature</b>	-10°C ~ 60°C
<b>Humidity</b>	0 ~ 85% (non-condensing)
<b>Lock Status Sensor (LSS)</b>	
<b>COM/NO/NC:</b>	
Max 24VDC; Max 1A	
Full weather resistant stainless Steel finish; Electro galvanization 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
BL 5000GL

In-swing door L&Z bracket
L bracket and mounting plate for Sliding Door application