

ONETOP

EM5000G SERIES

Weather Resistant
Electromagnetic
Lock



Up to 680Kg
Holding Force



Fail Safe Operation



Built-in varistor (MOV)
surge protection



Ingress
Protection
Certification



Over 1 Million Cycles
Usage Lifespan



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



Full Weather Resistant
SS316 Stainless Construction



FEATURE

EM5000G 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



WEATHER
RESISTANT SERIES
MODELS

Fail Safe

Dimension

Weight

Operating Voltage

Operating Current

Holding Force

Operating Conditions

Output Signals

Surface Finishes

Residual Magnetism

EM5000G

ZB5000G

Power to Lock

Lock Body L 225 x W 63 x H 44mm

Armature Plate L 190 x W 61 x H 16mm

4.75Kg

12/24VDC $\pm 10\%$

12VDC – 480mA 24VDC – 240mA

Up to 680Kg

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

Humidity $0 \sim 80\%$ (non-condensing)

Lock Status NC/NO/C
Sensor Max 24V; Max 0.2A

Full weather resistant SS316 stainless Steel finish; Electro galvanized to prevent from rusting

No residual magnetism

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

Weather Resistant EM Lock with LSS and 680Kg holding Force

Z Bracket for swing door application