



● Statement

GL-1200FS-IOTB is designed for outdoor gates, sliding doors and inswing doors (with Z-500N bracket) . It is suitable for outdoor applications and severe weather conditions. 1200 lb holding force meets the needs for high security.

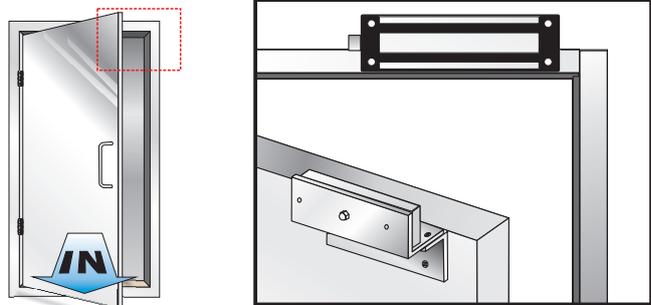
● Features

- High reliability
- Stainless steel housing
- MOV provides spike and surge protection
- Dual voltage 12 or 24 VDC (selectable)
- Anti-Residual magnetism function

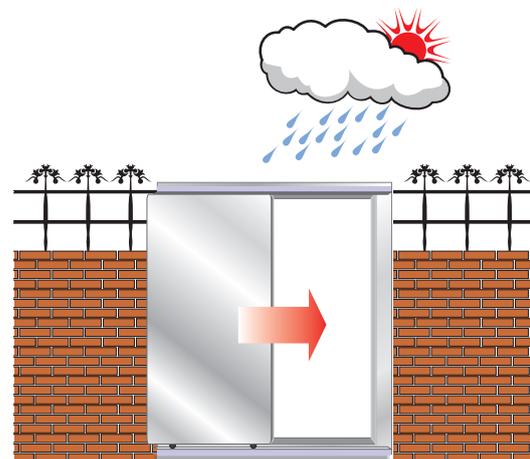
● Specification

- Voltage tolerance: ±15%
- Operating voltage: Single voltage: 12 or 24VDC  
Dual voltage: 12/24VDC
- Current Draw:  
Single voltage: 500mA/12VDC, 250mA/24VDC  
Dual voltage: 500mA/12VDC, 250mA/24VDC  
(at temperature 20°C)
- Operating Temperature: -10~55°C (14~131°F)
- Humidity: 0~95% non-condensing
- Bond sensor output: SPDT rated 0.5A/20VDC/10W
- Operation cycles: over 200,000 cycles
- Lock's Surface Temperature (when the power is on):  
Current temperature +20°C
- Holding Force: Up to 1200lbs (545Kg)
- Dimensions:  
Magnet: (L) 220, (W) 62, (D) 40mm  
Armature Plate: (L) 185, (W) 62, (D) 16mm
- Special Finishes for magnet and armature plate: Zinc plated
- Epoxy potting compound: E87252 (S), UL94V-0
- Net weight: 5.1Kg

● Regular Installation

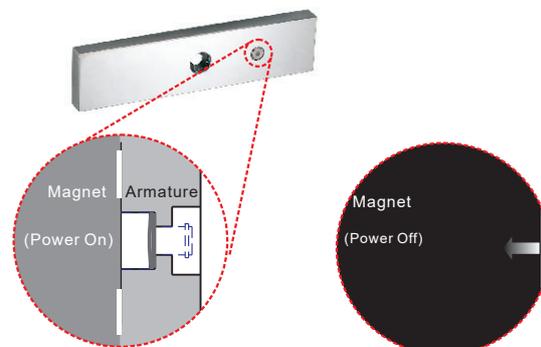


Install Z-500N bracket together with the armature plate on inswing doors.



This series of Waterproof Magnetic Lock is protected by epoxy potting compound. Also, GEM Waterproof Series Magnetic Locks have been proved to withstand water with the test procedures of IPX7, IPX8 by a trusted third party. Therefore users need not worry that the lock will rust or spark, if the lock is in outdoor applications and installed in confined space where inflammable gases are stored.

● Anti-Residual Magnetism



Our electromagnetic locks feature Anti-Residual Magnetism (ARM) which ensures the door can be opened without any resistance from leftover magnetism imparted to the armature plate.