



Fire Exposure and Hose Stream Tests were conducted in accordance with the standard, "Positive Pressure Fire Tests of Door Assemblies," ANSI / UL 10B and 10C, uniform building code standard UBC 7-2 (1997).

● Features

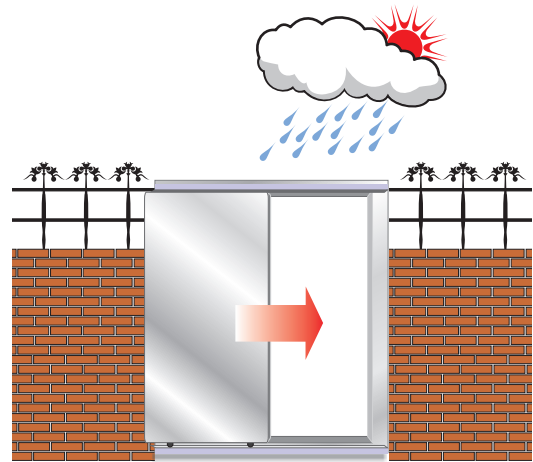
- **Low maintenance with high reliability**
- **Stainless steel casing**
- **High reliability**
- **Dual voltage 12 or 24 VDC (selectable)**
- **MOV provides spike and surge protection**
- **Anti-Residual magnetism function**
- **Holding force up to 1200lbs**

● Statement

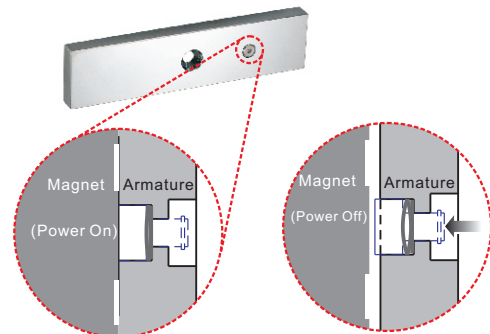
GL-1200F is designed for face mount on sliding doors or gate. The maglock can be configured to mount on in-swing doors with optional Z-shaped brackets. It achieves waterproof rating IPX 7 and is suitable for outdoor applications. GL1200R comes with magnetic bond sensor indicating locked and unlocked status.

● Specification

- Operating Voltage: Single Voltage: 12 or 24VDC
Dual Voltage: 12/24VDC
- Current Draw:
Single Voltage: 460mA/12VDC, 250mA/24VDC
Dual Voltage: 500mA/12VDC, 250mA/24VDC
(at temperature 20°C)
- Bond sensor output (GL1200R): 0.5A/20VDC
- Operating Temperature: -10~55°C (14~131°F)
- Humidity: 0~95% non-condensing.
- Holding Force: Up to 1200 lbs (545 Kg)
- Dimensions:
Magnet:(L) 202, (W) 62, (D) 40 mm
Armature Plate:(L) 185, (W) 62, (D) 16 mm
- Special Finishes for magnet and armature plate: Zinc plated
- Epoxy Potting Compound: E87252 (S), UL94V-0
- Net Weight: 4.8 Kg



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.



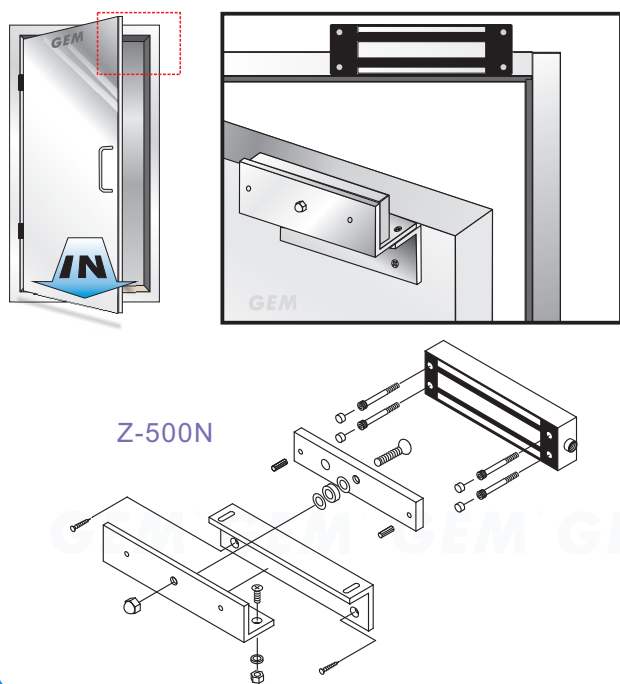
Anti-residual statement

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

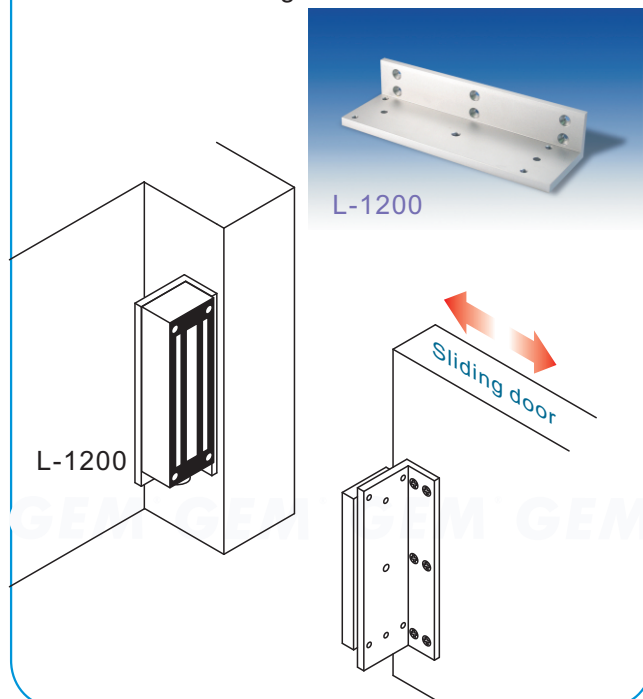
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Optional Brackets

Z-bracket for inswing doors



L-bracket for sliding door



Warranty

The product is warranted against defects in material and workmanship while used in normal service for a period of 5 years from the date of sale to the original customer. The GEM policy is one of continual development and improvement; therefore GEM reserves the right to change specifications without notice.

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