

10020BZ



10020DS



10010



10020



● Features

- **High reliability**
- **Holding force up to 1200 lbs**
- **Anodized aluminum casing**
- **MOV provides spike and surge protection**
- **Dual voltage 12 or 24 VDC (selectable) 10020BZ: 12VDC**
- **Anti-Residual magnetism function**

● Statement

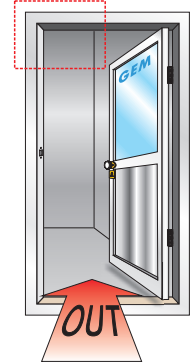
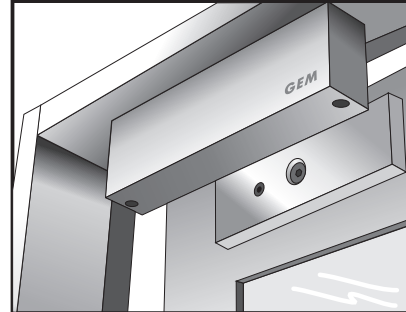
The 10010 and 10020 series are a high quality and safety range of standard fail-safe electromagnet locks that are simply and work well in order to effectively secure doors. These locks are recommended for applications which require higher levels of access control and are suitable for fire doors and emergency exit doors.

The 10010 and 10020 series are designed for single doors and are suitable for outswing applications. Installation on inswing door, narrow-style frames requires the use of additional brackets. With the accessories provided, the locks can be used on wooden, and even metal door.

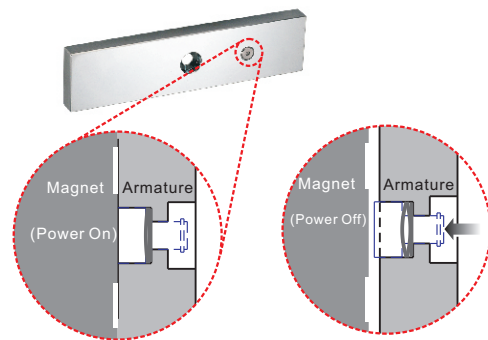
● Specification

- Operating Voltage: 12/24 VDC
- Current Draw: 500mA/12VDC, 250mA/24VDC (at 20°C)
- Operating Temperature: -10~55°C (14~131°F)
- Humidity: 0~95% non-condensing.
- Holding Force: Up to 1200 lbs (545 Kg)
- Dimensions:
 - Magnet: (L) 267(265), (W) 68, (D) 40 mm
 - Armature Plate: (L) 185, (W) 61, (D) 16 mm
 - Mounting Plate: (L) 267(265), (W) 40, (D) 5 mm
- Special Finishes for magnet and armature plate: Zinc plated
- Epoxy Potting Compound: E87252 (S), UL94V-0
- Net Weight : 4.8 Kg

● Regular Installation



● Anti-residual statement



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

● 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.

GIANNI INDUSTRIES, INC.

Operating Features



10020: Bond sensor output

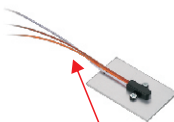
Indicate the locked & unlocked status with visible LED indicator.

Bond sensor output : SPDT rated: 0.5A/125VAC; 1A/24VDC



10020BZ: Buzzer Alarm

Door Held Open Alarm is an auditory feedback for users. The alarm sounds when the door is not closed and that has exceeded a specified time limit. VR timer is adjustable from 1 to 20 seconds.



10020DS: Door status

Door Status Sensor indicates the door is in an open or closed status.

Door status output : SPDT rated: 0.2A/12VDC

Trigger



Timer Adjust



10020TD: Relock time delay

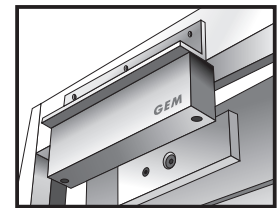
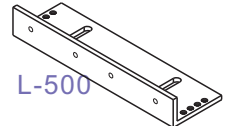
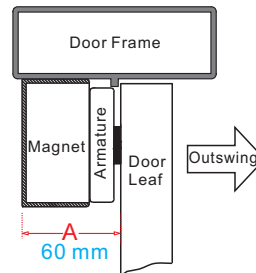
Ensure automatic locking after the door is closed properly. Relock time delay can be adjusted from 1 to 80 seconds.

Optional Brackets

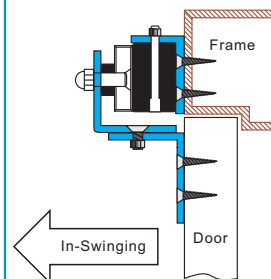
Bracket installation is according to door swing direction and door frame type , e.g. narrow frame door , frameless glass door , inswing door , etc.

With L-bracket for narrow frame doors

When "A" < 60 mm , must installed with "L" brackets.



LZ-bracket for inswing doors



LZ-500N

