



Patent:
ZL 2006 2 0122522.X
Nr.20 2006 012 052.1
M308308
GB 06 16099.8
06 07229 (France)

● Features

- MOV provides spike and surge protection
- Aluminum anodized casing
- Mounting plate & housing for easy installation
- Dual voltage 12 or 24 VDC (selectable)
- Anti-Residual magnetism function

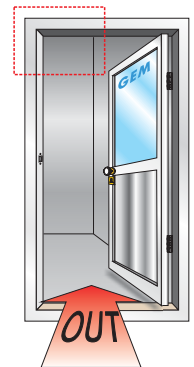
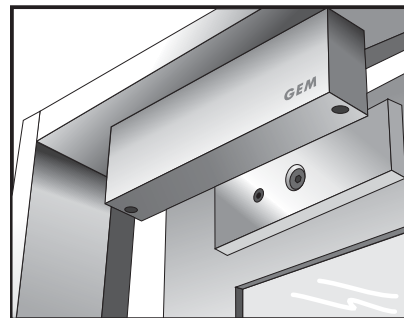
● Statement

EM-NH300 is designed for surface mount on outgoing doors. Its slide-in mounting plate simplifies the process of installation and firmly secures the magnet. EM-NH300M comes with magnetic bond sensor indicating locked and unlocked status. EM-NH300M-TD is equipped with magnetic bond sensor and relock time delay.

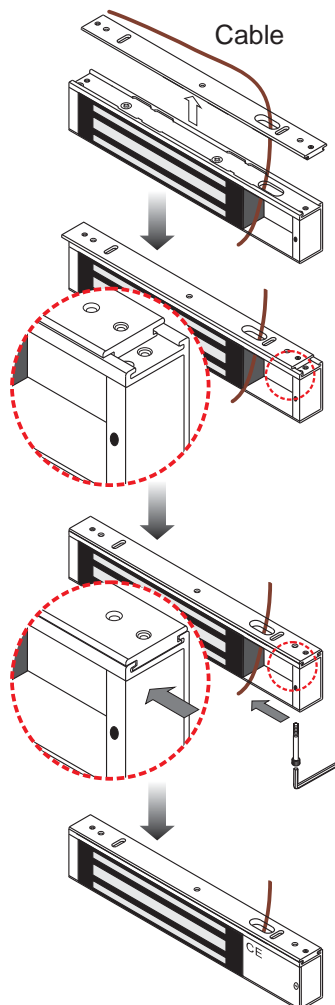
● Specification

- Operating Voltage: 12/24 VDC (Dual voltage)
- 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 600 lbs (272 Kg)
- Dimensions:
 - Magnet: (L) 250, (W) 46, (D) 25 mm
 - Armature Plate: (L) 185, (W) 38, (D) 12 mm
 - Mounting Plate: (L) 250, (W) 25, (D) 5 mm
- Special Finishes for magnet and armature plate: Zinc Plated
- Epoxy Potting Compound: E87252 (S), UL94V-0
- Net Weight: 2.0Kg

● Regular Installation



● Special Mounting Plate design



1. Pass the power cable through the mounting plate and the hole of the maglock.

2. Place the mounting plate above the maglock. Leave a length of 1 cm from either end of the maglock.

3. Slide the mounting plate into the maglocks. Fit the maglock from the bottom to the mounting plate.

4. Use the Allen wrench and fixing screws to tighten the mounting plate and maglock.

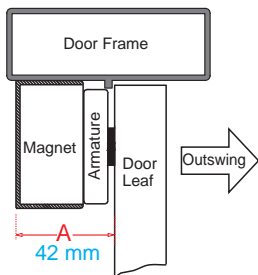
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Optional Brackets

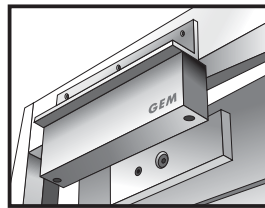
Bracket installation is according to door swing direction and door frame type, e.g. narrow frame door, frameless glass door, inswing door, etc.

L-bracket for narrow door frames

When "A" < 42 mm, must installed with "L" brackets.

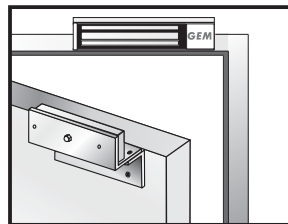
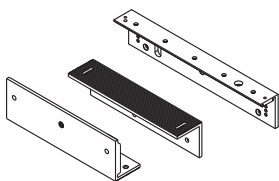


L-NH300



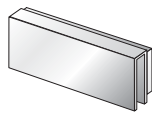
LZ-bracket for inswing doors

LZ-NH-300N

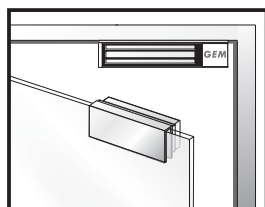


U-bracket for frameless glass doors

UBK-013 For 10~12 mm thickness of glass door



UBK-013



Operating Features

xxxx-M: Bond sensor output



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

Indicate the locked & unlocked status with visible LED indicator.

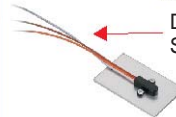


xxxx-TD: Relock time delay

Ensure the automatic lock mode after the door is closed properly and it can be adjusted from 1 to 80 seconds.



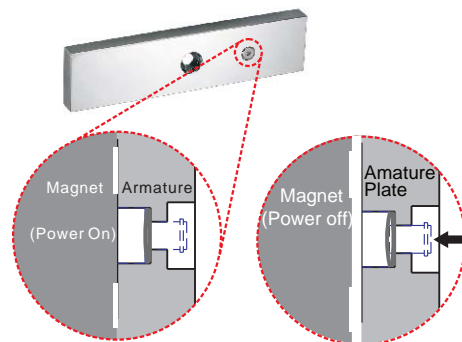
xxxx-DS: Door status



Door status output
SPDT rated: 0.2A/12VDC

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

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 leftover magnetic 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 client. The GEM policy is one of continual development and improvement; therefore GEM reserves the right to change specifications without notice.

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