



● Features

- Hidden-Magnet design
- High reliability
- Fail- safe (Power to Lock).
- Aluminum anodized casing.
- MOV provides spike and surge protection.
- Adjustable mounting plate for easy installation.
- Dual voltage 12 or 24 VDC (selectable).
- Anti-Residual magnetism function.

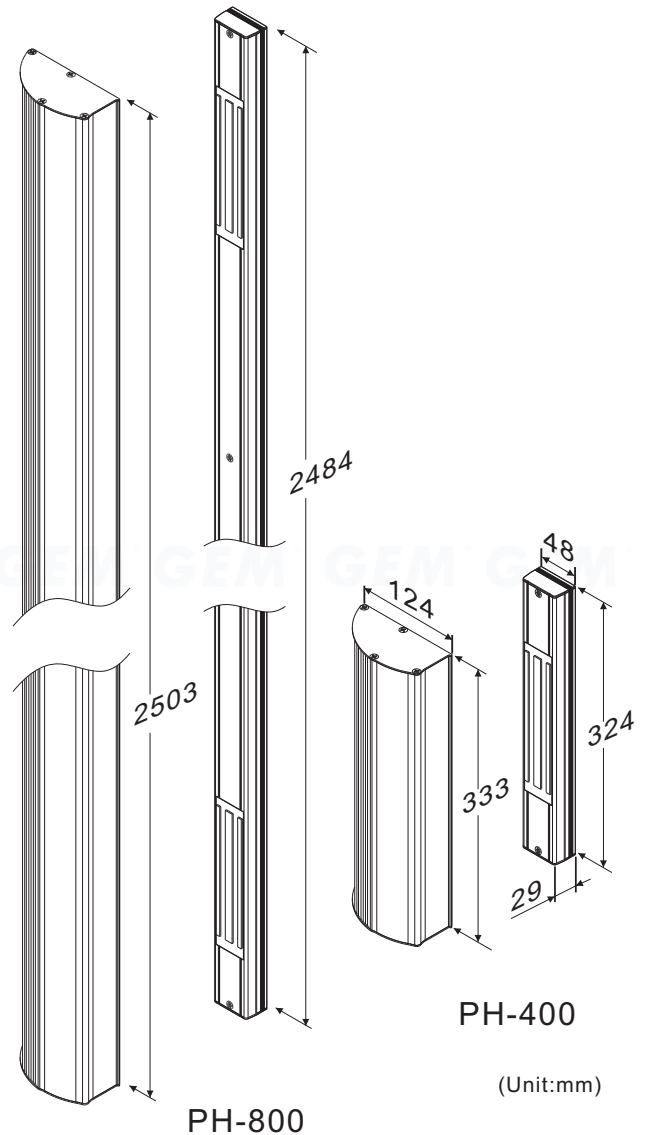
● Statement

The PH-400 and PH-800 series retain all the great features of GEM's other electromagnetic locks and have proven performance. They are a combination of the latest technologies with a new design that hides the armature plate in an enclosure that doubles as a door handle. The electromagnet itself is installed in a vertical orientation on the door frame. It is most suitable for use on metal doors and door frames but can be positioned on any type of inwards swinging door.

Installation is simple and requires no special tools. The PH-400 and PH-800 can be mounted directly onto the door and door frame since the electromagnetic lock and armature assembly are delivered built. All the necessary fasteners are provided.

The PH-400 has a holding force of up to 600lbs and the PH-800 has two electromagnets which produce a total holding force of up to 1200lbs. The PH-800 is also designed to span the height of the door at 2.5m tall. Both the PH-400 and PH-800 have an optional variant with magnet bond sensor output which can indicate the locked or unlocked status of the door.

● Dimension



(Unit:mm)

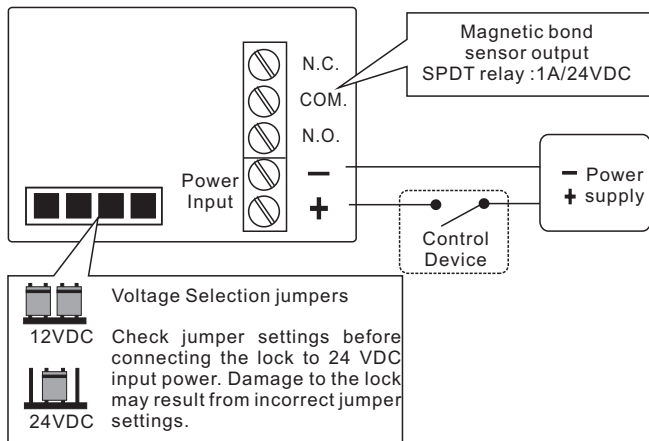
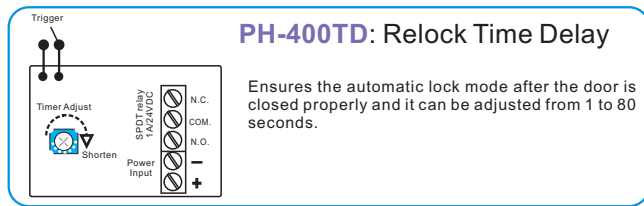
● Specifications

- Operating Voltage: 12/24 VDC
- Current Draw:
 - PH-400: 500mA/12VDC: 250mA/24VDC
 - PH-800: 500mA/12VDC: 250mA/24VDCX2
 - (at temperature 20 °C)
- Magnetic bond sensor monitor output SPDT rated: 0.5A/125VAC, 1A/24VDC
- Operating Temperature: -10~55°C (14~131°F)
- Humidity: 0~95% non-condensing.
- Holding Force:
 - PH-400 PH-400M: Up to 600 lbs. (272 Kg.)
 - PH-800 PH-800M: Up to 1200 lbs. (545 Kg.)
- Special Finishes for magnet and armature plate: Zinc plated
- Epoxy Potting Compound: E87252 (S), UL94V-0

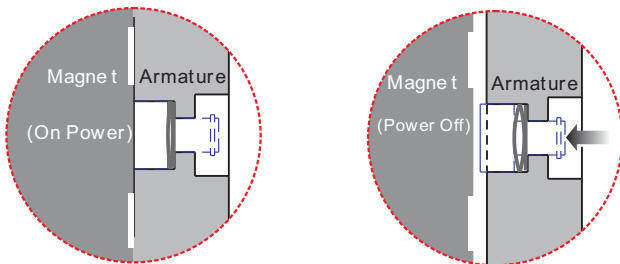
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Operating Features



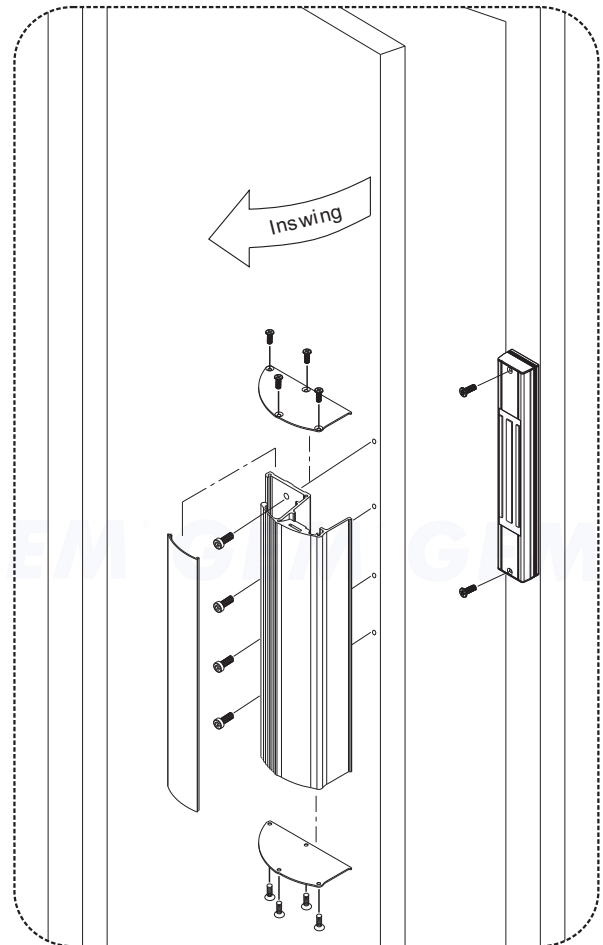
Unique Anti-Residual Magnetism Design



Unique Anti-Residual Magnetism Design

Our electromagnetic 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.

Application



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.