

Electromagnetic Door Holders

Reliable Door Control for Emergency Release



GD840S

GD850F

GEM electromagnetic door holders are designed for use with self-closing fire and smoke barrier doors. They usually use independently or with any fire or smoke detector system. Typical installations include hospitals, schools, and public buildings. Electromagnetic door holders can also be operated by manual release for safety and convenience.

Standard Features

- Standard voltage AC or DC
- Typical high holding force up to 80 lbs.
- No residual magnetism
- Swivel/Self-adjustable armature plate for easy installation
- Flush/Floor/Surface mounted
- Extension rods for increased operational alignment
- Manual release button allows to release the door at any time

Patents, Approvals, and Listings

- UL 228, ULC C228 listed: R21907 (GD900 series)
- NF S 61-937 compliant (GD840S, GD850F, GD860S)



European Standard Electromagnetic Door Holders

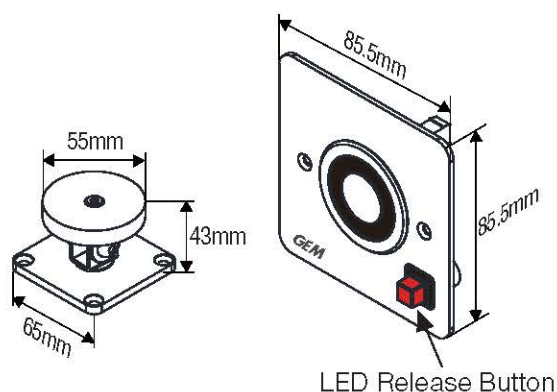
Models	Voltage	Holding Force (lbs.)	Manual Release Button	Mount	Finish/ Color	LED	Bond Sensor	Armature Plate Type	
*GD640S	24 VDC *(12 VDC)	70	●	Flush Surface	Stainless steel	●	—	Square	Swivel
*GD840S	24 VDC *(12 VDC)	80	●	Surface	Black	●	—	Round	Swivel or Self-adjustable
*GD850F	24 VDC *(12 VDC)	80	●	Floor	Black	●	—	Round	Swivel or Self-adjustable
*GD860S	24 VDC *(12 VDC)	80	●	Surface	White	●	—	Round	Swivel or Self-adjustable
*RM90	24VDC *(12VDC) Dual 12/24 VDC	550	—	Surface	White	—	Optional	Square	Fixed

*Special order for 12VDC operation

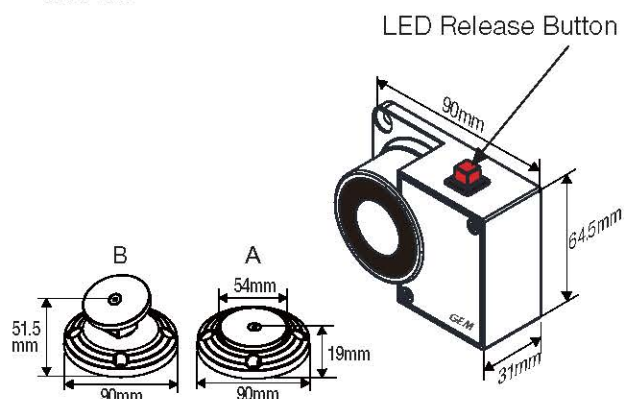


European Standard Electromagnetic Door Holder Dimensions

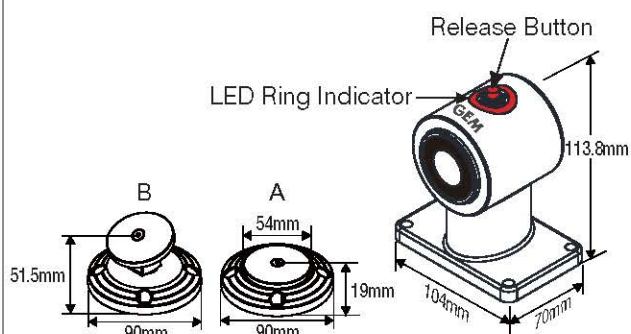
GD640S



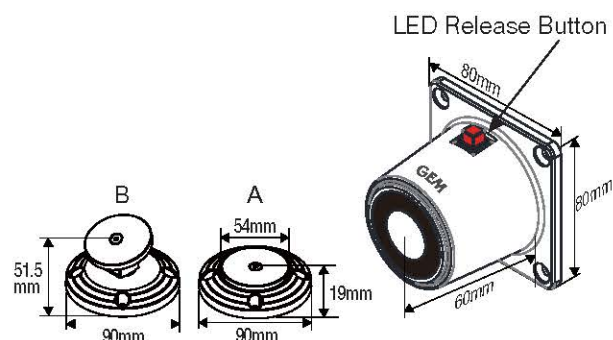
GD840S



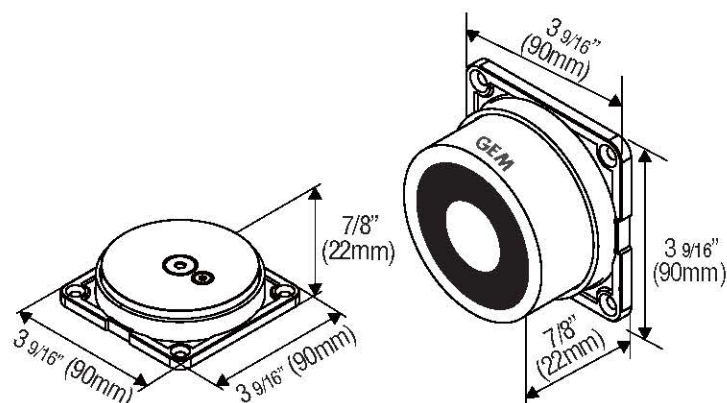
GD850F



GD860S



RM90



Notes:

A: Self-adjustable armature plate

B: Swivel armature plate

Warranty

The product is warranted against defects in material and workmanship while used in normal service for a period of 1 year 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.