



GS250



GS250MDT



GS250S/GS250MDT-S

GS250MDT + SMB-300 bracket



GS250VGL/GS250MDT-VGL
(For Glass Doors and Walls)

GS250MDT + SMB-300 bracket + UBK-182 bracket

Shear Locks GS250 SERIES

Bond Sensor with Time Delay

Standard Features

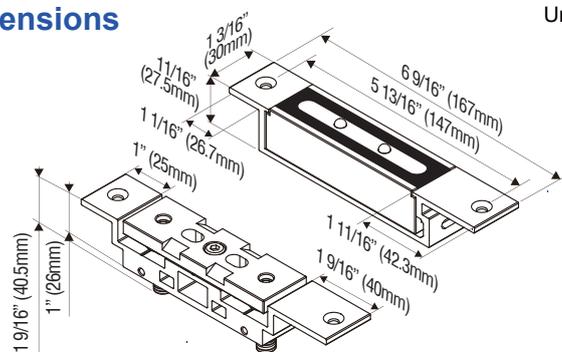
- Suitable for narrow frames, double swing doors and glass doors
- Fail-safe
- Dual voltage 12/24 VDC (Self-regulating for MDT models)
- Horizontal or vertical installation
- Surface /Mortise /Semi-Mortise mounted
- Adjustable armature screws for wide door gaps

MDT Models Features

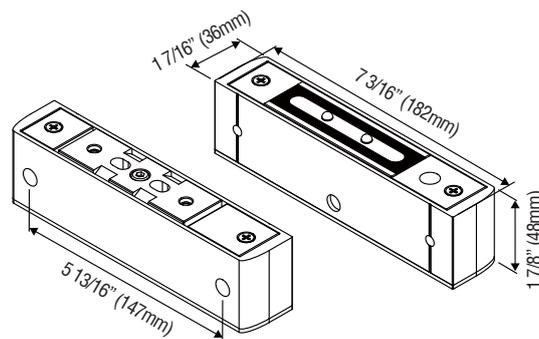
- 2 seconds time delay
- Bond sensor indicates door is locked or unlocked

Dimensions

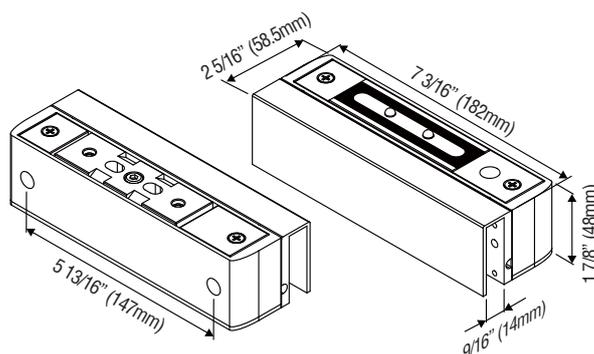
Unit:mm



GS250/GS250MDT



GS250S/GS250MDT-S

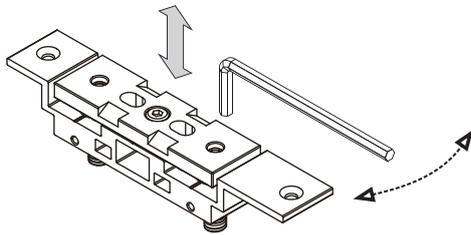


GS250VGL/GS250MDT-VGL

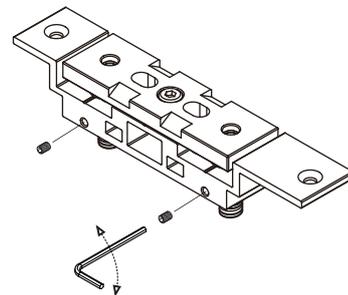
Technical Specification

| Models | GS250 | GS250MDT | GS250S | GS250MDT-S | GS250VGL | GS250MDT-VGL |
|------------------------|----------------------------------|----------------------------|---------------|----------------------------|--------------------|----------------------------|
| Time Delay (2 seconds) | - | ● | - | ● | - | ● |
| Bond Sensor | - | ● | - | ● | - | ● |
| Mode | Fail-Safe | | | | | |
| Holding Force | 1200 lbs | | | | | |
| Operating Voltage | 12/24VDC | 12-24VDC (self-regulating) | 12/24VDC | 12-24VDC (self-regulating) | 12/24VDC | 12-24VDC (self-regulating) |
| Current Draw | 500mA/12VDC ; 250mA/24VDC | | | | | |
| Operating Temperature | 32° to +120.2°F (0° to +49°C) | | | | | |
| Surface Temperature | ≤Current temperature +20°C | | | | | |
| Humidity | 0 to 85% Non condensing | | | | | |
| Door Gap | 1/16" (2mm) | | | | | |
| Finish | Magnet and Armature: Zinc plated | | | | | |
| Mounting | Standard | | Surface Mount | | Glass Door Mount | |
| Mounting Brackets | - | | SMB-300 | | SMB-300 UBK-182 | |

Armature Plate Adjustments

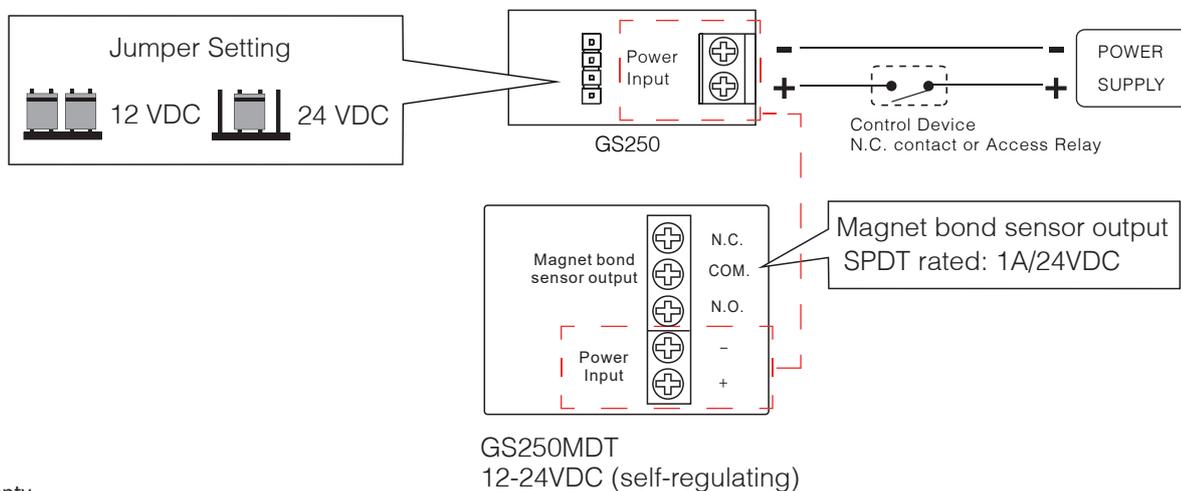


Armature plate can be adjusted to shorten or lengthen the door gap.



Armature plate set screws allow the adjustment to be tightly secured.

Wiring Diagram



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