



# GF3000

## Surface Mounted Shear Lock

### Overview

The GF3000 Series Shear Lock features a patented design offering advances over any Shear Lock on the market.

A microprocessor-based control module provides advanced electronic features. This circuitry automatically senses and adjusts input voltage, allowing for operation from 12 to 24 volt DC power sources.

The surface Shear Lock offers the advantage of a totally concealed locking mechanism, providing superior security and appearance. The patented design incorporates locking “tabs” on the magnet assembly with mating grooves in the armature plate. While the strength afforded by this design is a major advantage, the flexible mounting features are as important. This design allows for normal door and frame movement.

This Surface Shear Lock offers maximum versatility in application. The GF3000SM model provides a low profile, surface mount lock for outswinging doors. The GF3000TJ model provides a low profile, surface mount lock for inswinging doors. It provides a unique mounting solution with no brackets needed, which are standard with direct pull magnets.

The GF3000SM and TJ models feature a black anodized housing with the choice of modular finish plates.



### Features and Benefits

- Automatic Voltage Selection 12/24 VDC (filtered)
- 3000 lbs. of holding force
- Requires filtered, regulated power supply
- Built-in Automatic Relock Switch
- Adjustable time delay on relock, 0-30 seconds
- Low temperature operation
- Microprocessor controlled
- Optional Magnetic Bond Sensor (MBS) to monitor the secure/not secure condition of the lock
- Optional Door Status Monitor (DSM) to sense the open/closed position of the door
- Modular, slide-in in finish plates on SM and TJ models
- UL10C Positive Pressure Fire Test of Door Assemblies, cUL, CSFM and MEA listed to use on fire labeled openings
- Meets ANSI/BHMA 156.23 standards

<b>Specifications</b>	
<b>Holding Force</b>	3000 lbs
<b>Current Draw</b>	0.90 Amp @ 12 VDC 0.45 Amp @ 24VDC
<b>Weight</b>	9 lbs
<b>Lock Housing: Length x Height x Depth</b>	9-13/16" x 1-7/8" x 2"
<b>Armature Housing: Length x Height x Depth</b>	9-13/16" x 1-1/4" x 2"
<b>Certifications</b>	UL 10C Positive Pressure Fire Tests of Door Assemblies  ANSI/BHMA A156.23

*Selections Correspond With the Numbers to the left*

<b>1 Model</b>		
<b>GGF3000SM</b>		Standard Unit (outswinging doors). Adjustable from top edge of armature. Available in special finishes.
<b>GF3000TJ</b>		Top Jamb Unit (inswinging doors). Magnet mounts on inside top jamb. Adjustable from top edge of armature. Available in special finish.
<b>2. Options</b>		
<b>DSM/MBS</b>		Door Status Monitor/Magnetic Bond Sensor
<b>3. Finish (for GGF3000SM &amp; GF3000TJ only)</b>		
<b>628</b>	US28	Satin Aluminum, Anodized (standard)
<b>335</b>	US19	Satin Black, Anodized
<b>613</b>	US10B	Dark Satin Bronze, Anodized
<b>626</b>	US26D	Satin Chrome
<b>606</b>	US4	Satin Brass
<b>630</b>	US32D	Satin Stainless Steel
<b>612</b>	US10	Satin Bronze
<b>625</b>	US26	Bright Chrome
<b>605</b>	US3	Bright Brass

