

# 2013 Series

## Electromagnetic Gate Lock

- **For Slide or Swing Installations**
- **Custom Applications**
- **Weather Resistant**
- **Lifetime Warranty**



### Description

The 2013 Series is a full size 1200 lbs. holding force electromagnet. It is designed for high security on sliding and swinging gates, or any door subjected to the elements. Specify for outdoor commercial, industrial, institutional, or residential openings.

The 2013 is fully sealed with a 1/2" threaded conduit nipple for wiring from the side. Specify RWE option for wiring from back without a nipple (ex: mounting over a box). Optional Dynastat feature signals magnetic bond status. This allows integrated remote monitoring of the lock, reducing additional parts and labor.

The coil and housing assembly mounts rigidly to the post or frame while the armature mounts to the gate in a manner that allows it to pivot slightly to compensate for gate misalignment. When the gate is closed and the lock is energized the armature is magnetically bonded to the lock face, thus securing the gate without utilizing any moving parts. Specify the GLB option for an adjustable "Z" bracket, designed to mate with the armature or lock housing. The 2013 Lock housing mounts with easy to use face-drilled holes.

### Standard Features

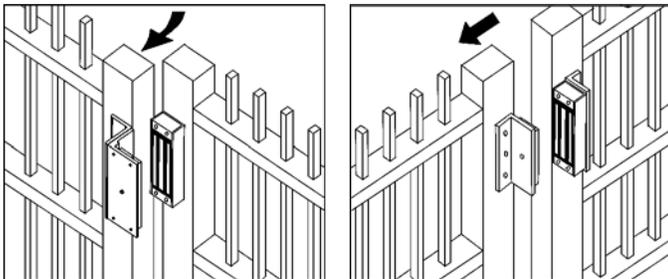
- **Weather Resistant:** Designed specifically to be used outside.
- **A totally plated coil** and armature provides protection against corrosion.
- **No moving parts** means little or no maintenance from wear and tear.
- **Low power consumption** conserves energy, reduces operation cost, and extends battery backup time.
- **12 or 24VDC:** Field Selectable. AC voltage requires optional rectifier (PN# 7088).
- **Long Leads:** 6' Long / 18 gauge flying lead connections.
- **No residual magnetism:** The gate releases without delay when lock is de-energized.
- **Includes spike suppression MOV** to protect other solid state components within the system from damage when the lock is de-energized.
- **Lifetime Warranty:** Made in the USA by DynaLock, with over 20 years experience in the manufacture of electronic security & access control products.

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## Options

- DYN** DYNASTAT FORCE SENSOR - Indicates efficient magnetic bond. SPDT contacts.  
**GLB** GATE LOCK BRACKET - "Z" Bracket for swinging gate application. Fully adjustable.  
**GLB2** GATE LOCK BRACKET - "L" Brackets for sliding gate application.  
**RWE** REAR WIRE EXIT - Coil leads exit from back of housing in lieu of conduit nipple.  
**SF** SPECIAL FINISH - Standard finish is US28 Satin Aluminum. Special anodized finishes, see price book.

## Typical Installations



Swing Gate

Slide Gate



Illustrations depict typical installations. Custom brackets may be required (by others) and/or specify GLB/GLB2 Gate Lock Bracket option.

## Specifications

### MECHANICAL

- Holding Force: 1200 Lbs.  
Lock Size: 1 $\frac{1}{2}$ "D x 2 $\frac{1}{2}$ "H x 9 $\frac{1}{4}$ "L  
Armature Size: 1 $\frac{1}{16}$ "D x 2 $\frac{9}{16}$ "H x 8 $\frac{3}{4}$ "L  
Lock Weight: 9 Lbs.  
Finish: US28 Satin Aluminum with clear anodize. Other Finishes Available

### ELECTRICAL

- Input Voltage: 12 or 24 VDC  
Current Draw: 0.42A @ 12V  
0.21A @ 24V  
Contact Ratings: DYN - 0.25A @ 24VDC/VAC

## Accessories

- **4000 Series** Installation Accessories  
-Filler plates and angle brackets
- **5000 Series** Power Supplies  
-Solid state power supplies provide proper voltage, time delay and battery backup if required.
- **6000 Series** Exit Controls  
-Push-buttons in a variety of switching configurations and exit sensor bars.
- **7000 Series** Keyswitches and Keypads  
-Keyswitches accept most mortise cylinders for controlled access.  
-Rugged digital entry keypads.
- **8000 Series** Consoles  
-Desktop, slope front and rack mount fabricated to customer specifications.

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Featuring  
  
Lifetime Warranty