MAGNETIC LOCK
600 LB HOLDING FORCE
12/24VDC
0E-MAG600
**Magnetic Lock Wiring Instructions**

A terminal block is provided for wiring the maglock to the power supply. Set jumpers properly for 12VDC or 24VDC operation.

*(Cover all 4 pins = 12V - Cover 2,3 middle pins = 24V)*

Connect the ground lead from a DC power source to the (-) terminal.

Connect the positive lead from a DC power source to the (+) terminal.

Current Draw: 500mA @ 12VDC, 250mA @ 24VDC nominal

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**Magnetic Lock Installation Instructions**

The magnet mounts to the door frame. The armature plate mounts to the door with hardware kit provided.

To remove the mounting plate from the magnet it is necessary to remove the two Phillips head screws on the left and right side on the face of the magnet.

Use supplied template and follow installation instructions with the door in its closed position.

Apply screw locking agent to all screws.
**Armature Plate Hardware Installation Diagram**

Armature plate must be mounted to door using the rubber washer sandwiched between the metal washers provided. Do not excessively tighten bolt. Armature must float on door. Screw locking agent should be used on each screw.

![Diagram of armature plate installation](image)

**Care and Maintenance**

Magnetic locks have no internal moving parts and require a minimum amount of maintenance. If a buildup of dirt or grime accumulates on the surface of the lock or armature plate it is recommended that they be wiped clean with a non-abrasive cloth.

The armature plate bolt and the hex head screws holding the magnet to header plate should be checked every three months to ensure a safe and secure installation.

**Trouble Shooting Guide**

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<td>Incorrect input voltage</td>
<td>Check voltage jumper position for correct voltage setting</td>
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<td></td>
<td>Low input voltage</td>
<td>Check power supply voltage Wire gauge incorrect for wire run</td>
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<td>Misalignment of armature plate</td>
<td>Armature plate must cover all magnetic poles of lock</td>
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<td>Armature plate screwed tight to door</td>
<td>Armature plate must rock on door to align with lock</td>
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<td>Wrong hardware assembly</td>
<td>A metal washer, rubber washer and metal washer must be between door and armature plate</td>
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