Installation Manual   Model: Platinum-MAG08

HOW THEY WORK

When power is applied to the magnetic lock, it turns on the unit's powerful built-in electromagnet. This electromagnet is attracted to the steel armature plate which is mounted on a door, holding the door fast against unauthorized entry. When power to the magnetic lock is turned off, the electromagnet releases the armature plate, allowing the door to open.
(*To prevent the overheat damage to the magnet lock coil, please remove the magnet lock from the mounting bracket before welding the plate to the gate*).

SPECIFICATIONS

model	Platinum-MAG08	Current Drain	300mA/12VDC, 150mA/24VDC
Magnet size	8.0 x 1.0 x 2.0 in	Voltage Tolerance	(+/-)10%
Armature size	7.25 x 0.6 x 2.0 in	Holding force	800 lbs.
Unit Weight (Approx.)	9 lbs.	Temperature	(-10° to 55°)C(14° to 131°)F

TROUBLESHOOTING

Problem	Possible cause	Solution
Door does not lock	No power	·Check to make sure the wires are securely tightened to the terminal block ·Check that the power supply is connected and operating ·Make sure the lock switch is wired correctly
Door locks, but can be easily forced open	Poor contact between electromagnet and armature plate	·Make sure the electromagnet and armature plate are properly aligned ·Make sure the contact surfaces of the electromagnet and armature plate are clean and free from rust
	Incorrect voltage setting	·Check the power leads with a meter, and make sure 12VDC or 24VDC is present.

REGULAR MAINTENANCE

·Clean the contact surfaces of the electromagnet or armature plate with a soft cloth and non-abrasive, non-corrosive cleaner.
·Apply a light coat of a silicon lubricant to prevent rust. Wipe away the excess.
·Check that the armature plate is securely attached to the door, yet can pivot slightly around the armature screw.
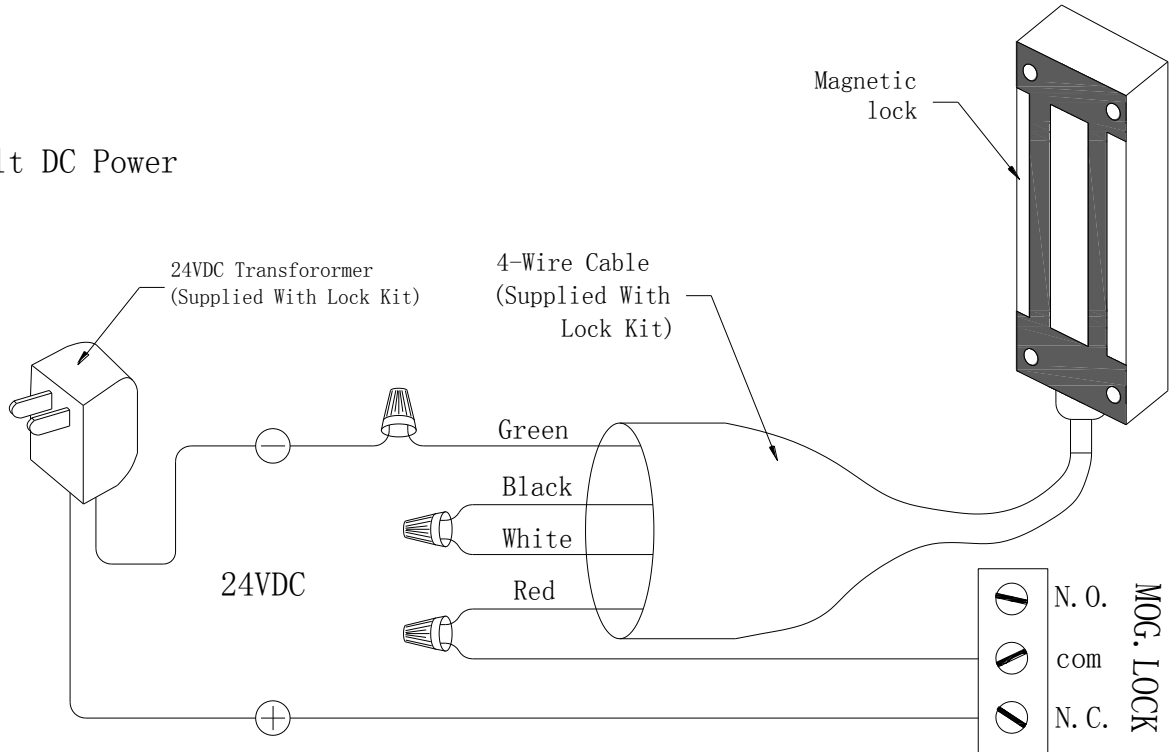·Check that the electromagnet is securely attached to the door frame.

Wiring Diagrams

External supply for the magnetic lock must be provided.
This will prevent drainage of the battery in the event of power failure.
Relay Contact 10A—250VAC

Magnetic lock

24 Volt DC Power

24VDC Transarormer
(Supplied With Lock Kit)

4-Wire Cable
(Supplied With
Lock Kit)

Green

Black

White

24VDC

Red

N. O.

com

N. C.

MOG. LOCK

Magnetic lock

12 Volt DC Power

12VDC
Transarormer

4-Wire Cable
(Supplied With
Lock Kit)

Green

White

Black

12VDC

Red

N. O.

com

N. C.

MOG. LOCK