

Electromagnetic Lock

825 Series



Specification:

Series: 825 Series

No residual magnetism

Magnet Dimensions: 21" x 1⁵/₈" x 2⁵/₈"

Armature Dimensions: 7¹/₄" x 5⁵/₈" x 2³/₈"

Holding Force: 1200 lbs

Current Draw: 12VDC 500mA

24VDC 250mA

Lock Weight: 21 lb

Operation Temperature: 14 ~131 F (-10 ~55 C)

Finish: US28 Satin Aluminum

Anodized aluminum housing

Description:

Electromagnetic locks consist of an armature and a coil assembly, which become magnetized when an electric current passes through them. When the magnet is energized, it bonds to the armature and locks the door. To allow access or egress, a switch must be provided to de-energize the magnet. To unlock the door, simply remove power. Electromagnetic locks are fail-safe by design. (Fail-safe means that if the power goes off the door will be unlocked). Therefore they require a UPS (Uninterruptible Power Supply) to remain locked during the power failure.

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Features:

Internal wiring compartment includes built-in circuit board attached to access cover to provide a convenient, plug in, concealed area for wiring connections.

- Low power consumption conserves energy, reduces operation cost, and extends battery backup time.
- A totally plated coil and armature provides protection against corrosion.
- A narrow backset of 1-1/2" may mean the elimination of other mounting brackets or filler plates.
- No residual magnetism - the door releases without delay when lock is de-energized.
- Multiple sensor and monitor options increases flexibility, security and compatibility with system equipment.
- Built-in spike suppression protects other solid state components within the system from damage when the lock is de-energized.

