

XL-180 300 LBS Electromagnetic Lock



Secure and Efficient Access Control Solution

The XL-180 Electromagnetic Lock offers reliable and efficient locking solutions with a robust holding force of 300 LBS. Its fail-safe operation (Power to Lock) ensures safety while providing low power consumption and high efficiency. Ideal for a variety of access control applications, it includes optional features for enhanced functionality.

Key Feature

High Holding Force:	300 lbs (180 kg) of holding force ensures secure locking for doors and drawers.
Fail-Safe Design:	Power-to-lock mechanism, meaning the lock engages when powered, ensuring security even during power failures.
Power Supply Options:	Operates on DC12V or DC24V (adjustable) for flexible installation.
Low Power Consumption:	Energy-efficient design with minimal noise during operation.
Durable Surface Treatment:	Special surface enhancement process that prevents rust and increases longevity.
Surge Protection:	Built-in surge absorber to prevent interference with access control readers.

Secure Wooden Doors

Ideal for securing 90° wooden doors in homes, offices, and commercial spaces, providing reliable access control.

Indoor Applications

Designed for indoor use in areas requiring robust security, such as storage rooms, office spaces, and private areas.

Fail-Safe Security

Ensures doors and drawers remain locked during power failures, making it ideal for emergency exits and restricted areas.

Access Control Systems

Compatible with various access control units, providing enhanced security integration for smart door solutions.

Indoor Security

Ideal for securing 90° wooden doors and chest drawers in homes, offices, and commercial buildings.

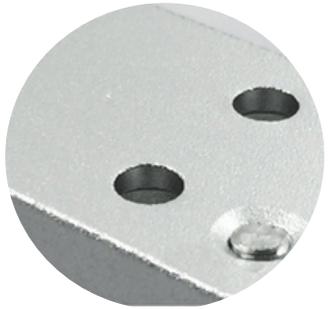
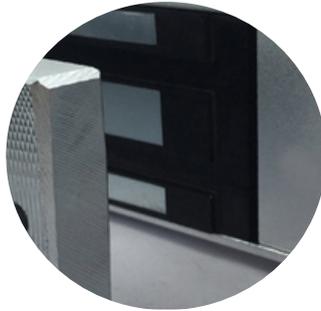


Aluminium Housing

Shell with high strength alloy material. Anode hardening treatment.

Reliable Holding Force

Steady attraction, with strong lineeat pulling force



Long Time Service Life

Pass millions of tests. Lasting magnetic force, sustainable use for many years.

Anti Theft System Design

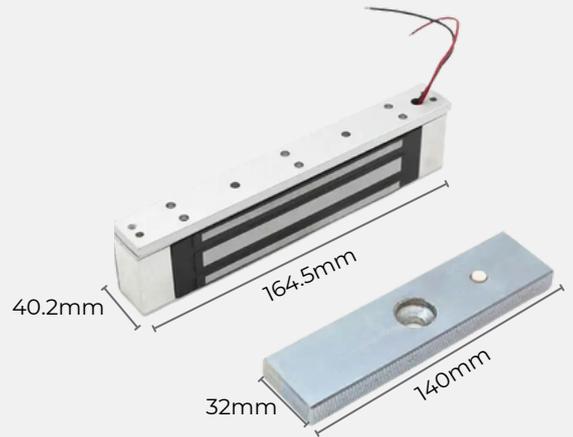
Adopting socket head cap screw, equipped with special spanner insurance against theft.



Multiple Optional

60 KG to 500 KG, suitable for different environments. Equipped with many functions to choose from.

Dimension



Application

- Access Control Systems: Ideal for offices, schools, and other secure facilities.
- Commercial Buildings: Enhances door security in retail spaces and business centers.
- Residential Security: Provides reliable locking for main entrances and private areas.
- Emergency Exits: Suitable for fail-safe operations in emergency doors.

Specification

Model Number:	XL -180
Holding Force:	300 lbs (180 kg)
Power Supply:	DC 12V or DC 24V (± 15%)
Operation Current:	<ul style="list-style-type: none"> • 380mA @ 12VDC • 190mA @ 24VDC
Operating Temperature:	40 ± 5°C (Room temperature 30°C)
Lock Status Sensor:	N.C. & N.O. Output (maximum load of 0.25A)
Dimensions:	Lock Body: 164.5mm (L) x 32mm (W) x 40.2mm (D)