

XL-280D 600x600LBS Electromagnetic Lock



Electromagnetic Lock with Adjustable Delay Locking and Intelligent Signal Output

The XL-280D is a robust dual electromagnetic lock designed for enhanced security. It features fail-safe technology and a high holding force of 600 lbs x 600 lbs, ensuring reliable performance for various applications such as fire doors, out-swing doors, and in-swing doors.

Key Feature

Heavy-duty Construction:	Built with durable metal materials for long-lasting performance.
Adjustable Delay Locking:	Customizable locking delay times (0, 3, 6, and 9 seconds) to ensure security in various scenarios.
Signal Output for Door Status:	Real-time feedback for state detection, offering intelligent control for door management.
Compact and Efficient Design:	Designed for easy installation, even on narrow door frames.
Built-in Safety Features:	Includes anti-tampering and anti-dismantling alarms for enhanced security.
High-quality Electromagnetic Strength:	Provides strong locking force suitable for high-traffic areas.

Access Control Systems

Ideal for controlling access to secured areas in commercial, industrial, and residential buildings.

Out-Swing and In-Swing Doors

Compatible with various door types, offering versatile security solutions for multiple applications.

High-Security Zones

Suitable for use in areas requiring robust security, such as banks, laboratories, and server rooms.

Emergency Exits

Supports delayed locking options, ensuring compliance with safety regulations and facilitating controlled egress.

Energy-Efficient Security

The low power consumption design makes it ideal for eco-friendly building setups.

Custom Applications

Can be integrated with other security systems for customized security solutions.



Aluminium alloy housing durable and sturdy

Cast with aluminium alloy as the main material, suitable for use in iron doors, wooden doors, glass doors, and fire doors.

280kg high suction magnetic lock cylinder

As long as there is a small current, it will generate a tremendous magnetic force, with a linear tensile force of up to 280 kg.

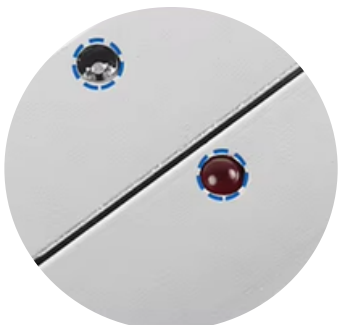
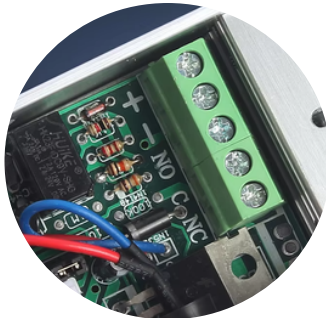


Delay switch Lock Free adjustment

Intelligent logic circuit design integrates multiple functions electric plug lock setting 0/3/6/9 second adjustment

Custom input voltage built in protection

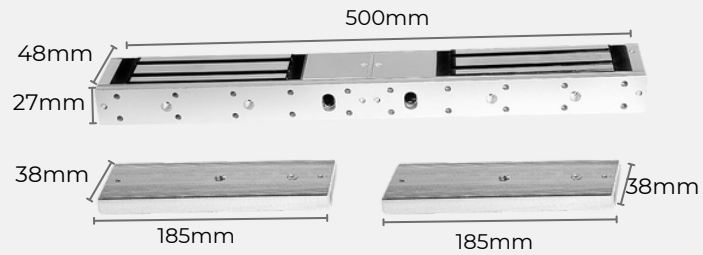
The voltage standard of the magnetic lock when leaving the factory is 12VDC, which can be set to 12VDC or 24VDC by oneself and is equipped with a reverse current protection device.



Delay Switch Lock for Customized Applications

Available exclusively as a customized ODM version, this delay switch lock ensures tailored functionality for specialized needs.

Dimension



Application

- Residential & Commercial Security: Ensures strong and reliable locking for high-traffic doors, including fire doors, out-swing and in-swing doors in homes, offices, and commercial buildings.
- Emergency Exit Control: Provides secure access for emergency exits with fail-safe unlocking during power outages.
- High-Security Zones: Ideal for restricted areas such as server rooms, laboratories, and data centers, offering robust protection.

Specification

Model Number:	XL-280D
Power Supply:	DC 12V / DC 24V (adjustable)
Operation Current:	<ul style="list-style-type: none"> 12V: 500mA 24V: 250mA
Holding Force:	600 lbs x 600 lbs (250 kg x 250 kg)
Lock Status Output:	: N.O. / N.C. (Contact Rating: 1A @ 30VDC / 0.5A @ 125VAC)
Delay Time Options:	Adjustable (0, 2.5, 5, 9 seconds)
Mechanical Life:	Over 500,000 cycles
Operation Temperature:	0°C ~ 70°C (14°F ~ 158°F)
Operating Humidity:	Max 85% RH (Non-condensing)
Dimensions:	<ul style="list-style-type: none"> Lock Body: 250mm (L) x 50mm (W) x 30mm (D) Armature Plate: 180mm (L) x 50mm (W) x 15mm (D)
Weight:	2.2 kg