

BEL-180*

Mini Electro-Magnetic Lock 180lbs

Introduction:

Electromagnetic locks consist of an armature and a coil assembly, which become magnetized when an electric current passes through them. This magnetic field secures the door and electronically controls when doors are locked and unlocked.

Product Overview:

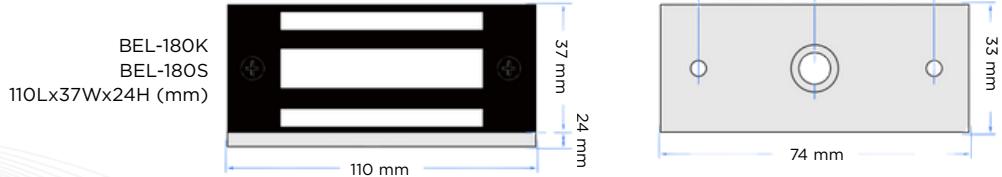
70KG (180lbs) Holding Force Magnetic Locks represent a versatile and efficient solution for securing various enclosures in access control systems. Engineered for reliability, these electromagnetic locks deliver a maximum linear pull of 70kg, ensuring robust security for drawers, sliding doors, and cabinet doors. Available in both DC12V and DC24V configurations, they feature low working currents of 120mA/240mA respectively, promoting energy efficiency. The fail-safe design



powers on to lock and powers off to unlock, providing automatic release during power failures for enhanced safety. Constructed with an aluminium alloy shell and electroplating treatment, these locks offer superior durability and resistance to wear, making them suitable for diverse applications in commercial and industrial environments.

Salient Features

- Robust Holding Force:** Delivers a powerful 70kg linear pull, providing dependable security for various door and enclosure types.
- Dual Voltage Compatibility:** Supports both DC12V and DC24V inputs, offering flexibility for different system integrations.
- Energy Efficient:** Low current draw of 120mA at 12V or 240mA at 24V minimizes power consumption without compromising performance.
- Fail-Safe Mechanism:** Automatically unlocks upon power loss, ensuring safe and quick access during emergencies.
- Durable Construction:** Aluminum alloy shell with electroplating treatment resists corrosion and ensures long-term reliability.
- Versatile Application:** Designed for use with drawers, sliding doors, cabinet doors, and similar lightweight enclosures.
- Integrated Protection:** Built-in reverse breakthrough protection safeguards the lock against electrical surges and reverse polarity.
- Easy Integration:** Compact design and simple wiring facilitate straightforward installation in access control setups.

Dimension:**Specifications:**

Features	BEL-180K	BEL-180S
Size	110Lx37Wx24H (mm)	
Holding Force	70kg ~ 180lbs	
Voltage	12V or 24V DC	
Current	12V/120mA or 24V/240mA	
Application	Drawers, Sliding Doors, Cabinet Doors	
Sensor	None	Power-On to Close the Door and Power-Off to Open the Door
Protection	Built-in Reverse Breakthrough Protection Function	
Material	Aluminum Alloy Shell with Electroplating Treatment	