ALLEGION

SCHLAGE

Electromagnetic locks





Electromagnetic locks from Schlage

Schlage has a rich heritage in electronic security. For years we have led the industry by providing a broad portfolio of solutions to meet the diverse needs of the market. Today, our electromagnetic locking portfolio continues to evolve to meet your changing needs.

Schlage® electromagnetic locks are used to secure the door in conjunction with push bars, request-to-exit devices, or credential readers for fail-safe applications when code compliance permits. You can use them on a single standalone door or as part of an access control system. Electromagnetic locks do not contain moving parts, making them extremely durable and preferred for high security applications.

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. Electro-magnetic locks are fail-safe by design. To unlock the door simply remove power.

M400 Series electromagnetic locks

As a robust line of electromagnetic locks, the M400 Series has unique design elements that make them easy to install and secure.

Features

- Auto voltage selection is standard
- Plus package (P) adds magnetic bond sensor, relocking time delay, door status monitor
- Optional mounting kits available including: top jamb mount, double and glass door

- **Certifications**
- UL 1034, UL 10C 3 hour fire rating
- BHMA Grade 1:
  - M420 – 500 lb. hold force for traffic control
  - M450 – 1000 lb. hold force for high security
  - M490 – 1500 lb. hold force for max security

Electromagnetic specialty locks

Schlage's electromagnetic specialty locks provide flexibility for a variety of applications. They offer a depth of features and a proven record of performance.

Features and certifications

M490DE: Delays egress with 15 second timer: includes integrated alarm

- Designed to meet NFPA 101 & BOCA, UL 10C 3 hr fire rating, UL 294, and BHMA 1500 lb. hold force

M490G: Gate lock is weather resistant for exterior swinging and sliding gates

- BHMA 1500 lb. hold force rated

GF3000: Concealed locking mechanism enhances security and appearance

- UL 10C 3 hr fire rating, BHMA 1500 lb. hold force

320M: MiniLine is mortise designed for interior sliding doors

- UL 10C 3 hr fire rating, UL 1034 listed

40/70 Series electromagnetic locks

Ease of installation makes the 40/70 Series a perfect choice for retrofit applications. It is also easy to select and stock.

Features

- Magnetic bond sensor and door status monitor standard

Certifications

- UL 10C 1 hour fire rating and BHMA Grade 1:
  - 40 Series - 500 lb. hold force
  - 70 Series - 1000 lb. hold force

M390RFK

Designed to retrofit Locknetics 390+ without any additional prep.

Features

- Door position switch, magnetic bond sensor and relocking time delay.

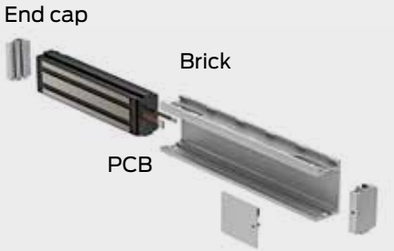
Certifications

- ANSI/BHMA A 156.25 Grade 1 1500 lb. hold force
- UL 10C 3 hour fire rating

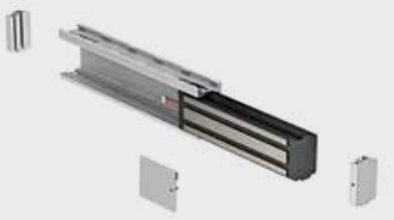
Flexible

Field configurable handing gives you more options

1 Remove printed circuit board (PCB) end caps and brick



2 Flip and insert brick

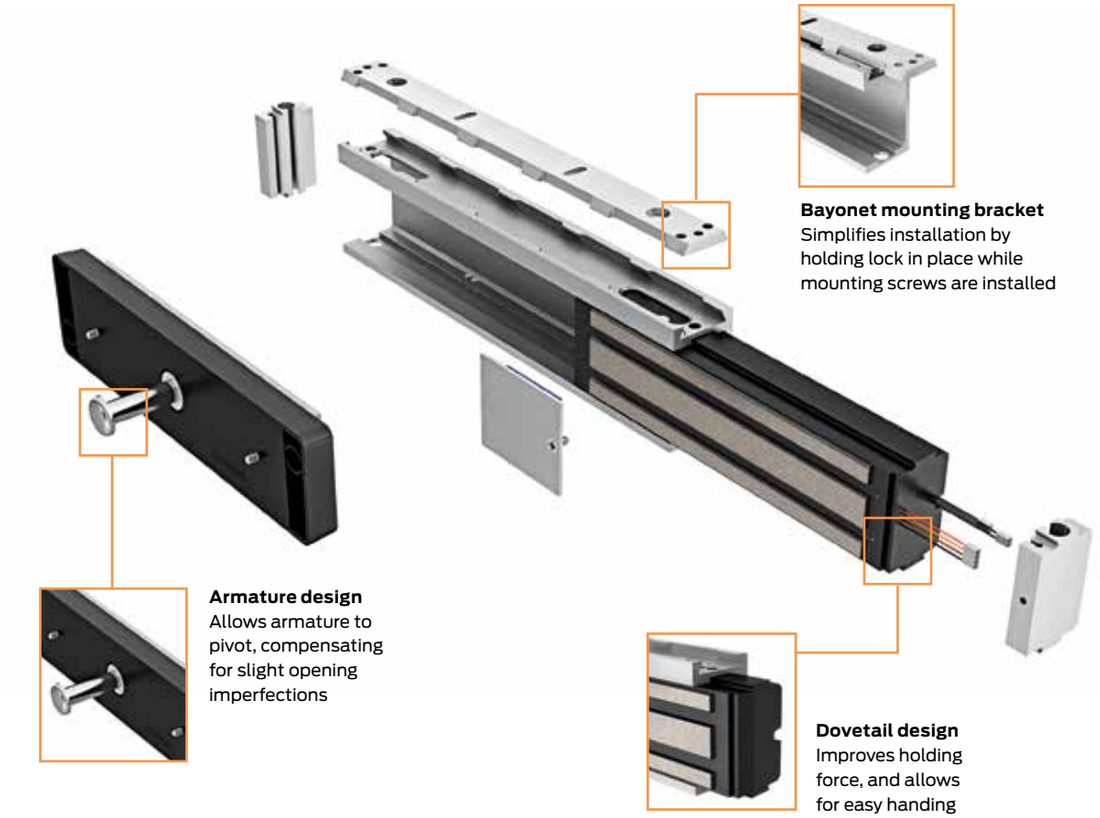


3 Replace end caps and PCB



M400 Electromagnetic locks

The M400 Series from Schlage was designed to be robust, easy to install, and secure. There is no need to consider door handing as all the M400 Series electromagnetic locks are non-handed and symmetrical, allowing for optimum placement of the magnet no matter the application. The new bayonet mounting bracket makes installation easier, allowing the installer to have their hands free during the mounting process. Two single electromagnetic locks can be joined together to easily become a double with the new innovative connector block.



Bayonet mounting bracket
Simplifies installation by holding lock in place while mounting screws are installed

Armature design
Allows armature to pivot, compensating for slight opening imperfections

Dovetail design
Improves holding force, and allows for easy handing

Scalable

Connector block lets you easily convert a single to a double electromagnetic lock

1 Two single M400 Series electromagnetic locks



2 Add the connector block



3 Double electromagnetic lock



About Allegion

Allegion (NYSE: ALLE) creates peace of mind by pioneering safety and security. As a $2 billion provider of security solutions for homes and businesses, Allegion employs more than 8,000 people and sells products in more than 120 countries across the world. Allegion comprises more than 25 global brands, including strategic brands CISA®, Interflex®, LCN®, Schlage® and Von Duprin®.

For more, visit **www.allegion.com**

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005248, Rev. 11/14
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