



Electromechanical Locking Solutions



With over 180 years of providing security products, Yale has recently introduced a range of electronic locks to fit most door types and security requirements.

Electromagnetic locks are ideal for use in many access control applications, particularly for timber, glass, and fire-rated doors. With holding force capabilities from 135 kg up to 540 kg, they're a great choice for residential, commercial and office properties.

Trusted every day

Electromagnetic Locks - Indoors

Electromagnetic locks are an auxiliary locking mechanism with no moving parts that can bind or wear out for long life trouble free operation. An electromagnetic lock creates a magnetic field when energized or powered up, causing an electromagnet and armature plate to become attracted to each other strongly enough to keep a door from opening. As they require power to remain locked, this allows them to be fail-safe, making electromagnetic door locks safe for use at emergency exits.



Part no:
45US12VL006011

540kg Surface Mount Maglock

- Electro-less nickel plated armature plate for zero residual magnetism
- Fail-safe (locked when energised)
- Monitored lock status with relay output
- ZL bracket available for inward swinging doors (SKU: 45B012LZ006080)
- CE compliant
- 12/24V DC selectable (power supply not included)
- Anodized aluminium housing
- Holding force: up to 1200lbs (540kg)
- Current drain: 420mA $\pm 10\%$ @ 12V DC / 210mA $\pm 10\%$ @ 24V DC
- Dimensions: Magnet: 266 x 67 x 40mm | Armature: 185 x 61 x 16.5mm



Part no:
45US06VL006011

270kg Surface Mount Maglock

- Electro-less nickel plated armature plate for zero residual magnetism
- Fail-safe (locked when energised)
- Monitored lock status with relay output
- ZL bracket available for inward swinging doors (SKU: 45B006LZ006080)
- CE compliant
- 12/24V DC selectable (power supply not included)
- Anodized aluminium housing
- Holding force: up to 600lbs (270kg)
- Current drain: 480mA $\pm 10\%$ @ 12V DC / 240mA $\pm 10\%$ @ 24V DC
- Dimensions: Magnet: 250 x 42 x 26mm | Armature: 180 x 38 x 11mm



Part no:
45US0300006011

135kg Surface Mount Maglock

- Electro-less nickel plated armature plate for zero residual magnetism
- Fail-safe (locked when energised)
- Non-monitored
- ZL bracket available for inward swinging doors (SKU: 45B003LZ006080)
- CE compliant
- 12V DC (power supply not included)
- Anodized aluminium housing
- Holding force: up to 300lbs (135kg)
- Current drain: 300mA $\pm 10\%$ @ 12V DC
- Dimensions: Magnet: 170 x 35 x 23mm | Armature: 130 x 33 x 11mm



Part no:
45UR06VL006011

270kg Recessed (Mortice) Maglock

- Electro-less nickel plated armature plate for zero residual magnetism
- Fail-safe (locked when energised)
- Monitored lock status with reed sensor
- Morticed for flush mounting
- CE compliant
- 12/24V DC selectable (power supply not included)
- Anodized aluminium housing
- Holding force: up to 600lbs (270kg)
- Current drain: 480mA $\pm 10\%$ @ 12V DC / 240mA $\pm 10\%$ @ 24V DC
- Dimensions: Magnet: 228 x 38 x 27mm | Armature: 180 x 38 x 11mm

Electromagnetic Locks - Outdoors

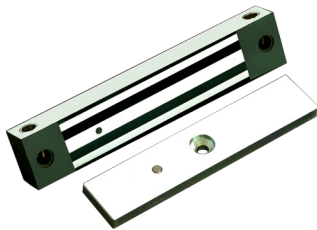
These weather resistant electromagnetic locks are designed to resist the ingress of water with fully sealed electronics in-cased by stainless steel and holding forces suitable for medium to heavy duty outdoor applications such as pedestrian and vehicle security gates and doors that are exposed to the elements.



Part no:
45ES12VL003111

540kg Surface Mount Maglock

- Suitable for outdoor use | Operating temperature: (-10 to 55)°C
- Zero residual magnetism
- Fail-safe (locked when energised)
- Monitored lock status with reed sensor
- Low energy consumption
- CE compliant
- 12/24V DC selectable (power supply not included)
- Stainless steel housing
- Holding force: up to 1200lbs (540kg)
- Current drain: 420mA $\pm$ 10% @ 12V DC / 210mA $\pm$ 10% @ 24V DC
- Magnet dimensions: 222 x 62 x 42mm
- Armature dimensions: 185 x 61 x 16.5mm



Part no:
45ES06VL003111

270kg Surface Mount Maglock

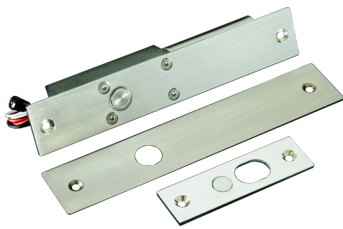
- Suitable for outdoor use | Operating temperature: (-10 to 55)°C
- Zero residual magnetism
- Fail-safe (locked when energised)
- Monitored lock status with reed sensor
- Low energy consumption
- CE compliant
- 12/24V DC selectable (power supply not included)
- Stainless steel housing
- Holding force: up to 600lbs (270kg)
- Current drain: 480mA $\pm$ 10% @ 12V DC / 240mA $\pm$ 10% @ 24V DC
- Magnet dimensions: 266 x 67 x 40mm
- Armature dimensions: 185 x 61 x 16.5mm



Other Electromechanical Locks

The Yale Electric Drop Bolt is a flush mounted (morticed) electromechanical locking mechanism featuring a solenoid driven deadbolt, used for specific applications where electric strikes and electromagnetic locks cannot be used, such as double-action 180 degree swing through, or sliding doors.

The Yale electric strike kit offers a simple access control solution for swing security gates for homes or offices where a basic level of security is acceptable. Compact lock case with latch and small oval cylinder, 12V AC power supply and electric strike, as well as a push button and escutcheons are all included in this kit.



Part no:
45DB00D5C02211

Electric Drop Bolt Lock - 12V DC

- Fail-safe (locked when energised)
- Monitored lock status with LED indicator
- Door open/closed status with N/C relay output
- Time Delay Feature - 0/3/6/9 seconds
- Can be used on single / double leaf frame-less glass doors when installed in conjunction with the applicable brackets (available separately)
- CE compliant
- 12V DC
- Anodized aluminium housing
- Current requirement: 650mA $\pm$ 10% @12V DC
- Lock case dimensions: 200 x 35 x 38mm (HxWxD)
- Strike plate dimensions: 100 x 30mm (HxW)



Part no:
45ES06VL003111

Electric Strike Kit - 12V AC

- Normally Open circuit
- Push button electronic release, but the electric strike can be connected up to most intercoms and receivers for release via remote control
- Fail-secure (always locked unless energised)
- Mechanical key override / entry
- Power supply, latch lock, cylinder, escutcheons and push button included
- Strike forend dimensions: 160 x 25mm (H x W)
- Latch forend dimensions: 130 x 23mm (H x W)
- Latch backset: 15mm
- 5 pin small oval cylinder with 3 keys

For more information on these and other access control solutions contact:

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