

Electromagnetic Lock

(p/n 10122)



An electromagnetic lock, magnetic lock, or maglock is a locking device that consists of an electromagnet and an armature plate.

Typically, the electromagnet portion of the lock is attached to the door frame and a mating armature plate is attached to the door. The two components are in contact when the door is closed. When the electromagnet is energised, a current passing through the electromagnet creates a magnetic flux that causes the armature plate to attract to the electromagnet creating a locking action. Because the mating area of the electromagnet and armature is relatively large, the force created by the magnetic flux is strong enough to keep the door locked even under stress.

- Operating voltage 12~24Vdc (Selectable)
- Holding force: 600lbs (272Kg)
- Aluminium housing
- Electro nickel plated armature
- Door status: An independent contact that works separately from the magnet to show door status (locked/unlocked)
- Status LED: Red/Green