

Electromagnetic door lock K01, 150kg

Product codes:

Reference: AM8749

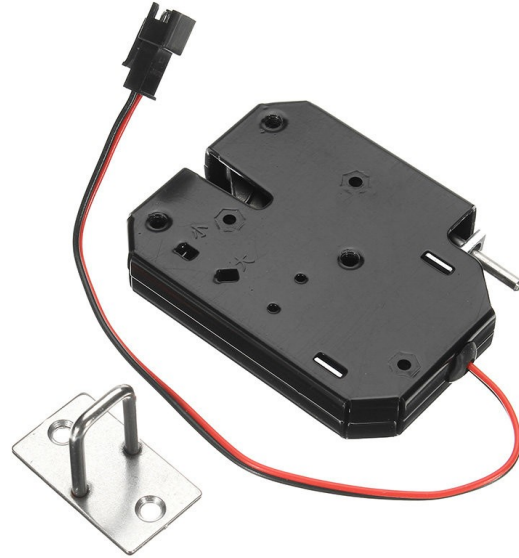
EAN13: -

UPC: 83014090

Product features:

Connector: JST SM 2-pin

Waterproof grade: IP22



Product attributes:

Tension: 5 V DC, 12 V DC, 24 V DC

Product description:

The electromagnetic lock is designed for securing doors and boxes in applications where the lock is to be closed in the idle state and the latch is released after the supply voltage is applied. The design is suitable for integration into self-service boxes, cabinets and technical closures with a requirement for electrical release.

Technical specifications

- Product type: electromagnetic door lock
 - Operating mode: locked without power supply, unlocked after power supply
 - Maximum latch load: 150 kg
 - **Maximum time under voltage: 0.5 s**
 - Power supply options: 5V DC / 1.5A, 12V DC / 2A, 24V DC / 1A (depending on variant)
 - Inner part material: carbon steel
 - Surface finish: black powder coating (komaxit)
 - Mechanical life: 500,000 cycles at designed load
 - Electromagnet life: more than 1,000,000 operating cycles at rated conditions
 - Dimensions: 73 x 58 x 13 mm
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- Cable length: 170 mm
- Operating temperature: -40 to 60 °C

Functions and features

- The lock works as a separate locking unit with electric release.
- The latch is designed for repeated cyclic use.
- The compact design makes it easy to install in limited installation space.
- The design has no restrictions on the left or right side of the assembly.
- The mechanism allows mechanical adjustment of the unlocking position.
- The spring solution is adjustable for doors weighing 0.5 to 4 kg.
- The internal metal parts are made of carbon steel.

Ideal for

- dispensing and delivery boxes
- cooling boxes and cabinets
- mailboxes and newspaper boxes
- self-service storage boxes
- library and dispensing counters
- wardrobes and changing rooms

Package contents

- 1x electromagnetic lock
- 1x latch counterpiece

Why choose this product?

- The defined operating mode allows use in systems with an electric impulse for unlocking.
- The stated latch strength of 150 kg is suitable for securing light doors and boxes.
- Compact dimensions support installation in built-in applications.
- The availability of multiple power supply options facilitates integration into various electrical systems.
- The design is designed for a high number of working cycles.

Installation and operating instructions

- Before installation, verify that the supply voltage and current load match the lock variant used.
 - Install the lock so that the latch and counterpiece are in the exact mechanical position without tension.
 - During installation, ensure correct cable routing and protection of
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the wires against damage.

- For reliable operation, use a door weighing between 0.5 and 4 kg.
- Installation in devices with electrical control should be carried out by a person with knowledge of the relevant wiring.

Safety notice

- Incorrect power connection may cause damage to the solenoid, wires, or control electronics.
- The power supply must be disconnected during installation and service.
- The lock is not intended as a security feature for the protection of persons, emergency escape routes or doors requiring security certification.
- When used in access or automation systems, the risk of pinching and unintentional unlocking must be taken into account.

Product gallery:

