ELECTRO-MECHANICAL LOCK

A2MOL2000-FL-SLTCWH

High Security Motor Driven Mute Electromechanical Lock A2MOL2000, the bolt is controlled by motor drive to realize lock and unlock. The driving force of the motor is very strong, the bolt can be pushed out by the powerful thrust of the motor to align the door when the door is deformed or misaligned. The parts are made of lightweight materials, work more smoothly, less resistance, can achieve mute when lock and unlock. The PCB is equipped with an electronic protection device to realize the precise control of locking and unlocking. In addition, it is waterproof and can be installed on top of rain doors. Also there is two signal outputs for lock and door.

Cylinder not included

Features

- Equipped with lock cylinder, with realize the dual Purpose, electric and manual control as mechanical emergency exit EN 179 and override key entry.
- With the special auto-detection input circuit to open the door instead of shutting off the power directly.
- The square bolt is made of solid thickened material, made by CNC lathe, with pry proof design, can withstand 20,000kg impact force.
- Auto-lock after door is closed detects by built-in sensor, and can be adjust 0~9s time delay.
- The V-shaped cutout in the locking counterpart tolerates a lateral offset of +/-6 mm
- Functions and lock state is displayed by LED light
- Door status (NO/COM) and Lock status (NC/COM/NO)
- Endurance: Cycle tested to 500,000 operations

Technical specifications

- Operation: Fail-Secure (Power-to-unlock)
- Cylinder function: Unlocks key override or Thumb turn.
- IP65 waterproof and vandal-proof protection
- Material: Brushed 304 stainless steel
- Voltage: 12~24 VDC Current ≤800mA
- Signal output: Door status and also lock status
- Dimensions: 450L x 30W x 41.5H (mm)
- Operational temperature range - 20 °C to +60 °C
- Break-in resistance of 20KN force entry.
- Weight: 2.3kg
- Certificate: CE, EMC, LVD, FCC, VOC, REACH, WEEE

Applications

Suitable for use on doors with seals or subjected to high wind load or air-conditioning pressures, or high-risk locking, banking and any high security applications.