Nerival Oy

Electromagnetic Lock

(With Mortise Mount)

User Manual

CE FC RoHS

Read the manual before usage and keep for future reference.

1. Specification

Model	Size(unit:mm)	Voltage	Current	Hoding Force	Lock Signal	Door
Ner 3000U	229L*38W*27H	12/24VDC	12V/480mA 24V/240mA	280kg(600Lbs)	Yes	Single Door

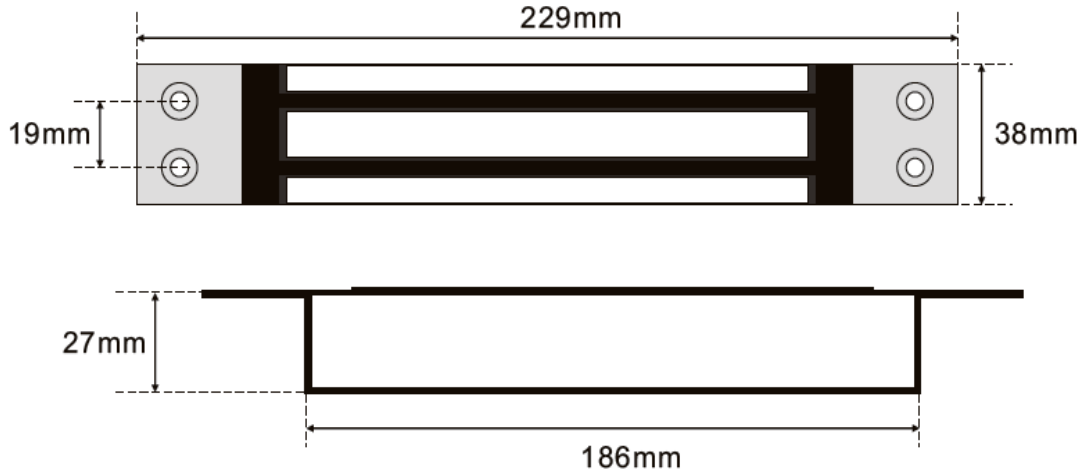
2. Introduction

By using the principle of electromagnetic,when current passes through the silicon steel sheet,magnetic locks will produce powerful suction,thereby helpsto tightly absorb iron plate.Now there are 2 types input voltage,12vdc and 24vdc.

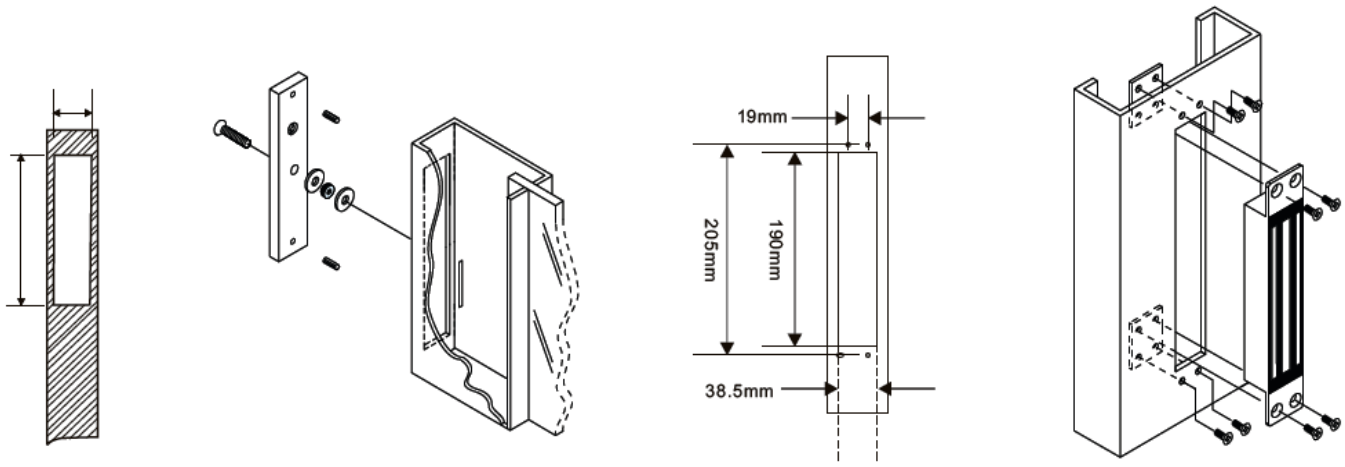
3. Product Parameter

- ◇ Size: 229Lx38Wx27H(mm)
- ◇ Armature Plate Dimension: 180Lx38Wx11H(mm)
- ◇ Holding Force: 280kg(600Lbs)
- ◇ Input Voltage: 12/24VDC+10%
- ◇ Current: 12V/480mA 24V/240mA
- ◇ Surface Temp: ≤+20℃
- ◇ Suitable: Wooden door , Glass door ,Metal door , Fireproof door
- ◇ Operating Temp: -10~+45℃
- ◇ Humidity: 0~90%(non-condensing)
- ◇ Cover Finish: Anodized aluminum
- ◇ Lock Finish: Zinc
- ◇ Armature Plate Finish: Zinc
- ◇ Weight: 2KG

4. Product Dimension



5. Installation



(1) Dig the hole (2) Fix screws (3) Dig the hole (4) Fix screws

NOTES:

Please read specification before installing magnetic lock

A. Handle the equipment carefully. The holding force can be reduced by damaging the lock body or armature plate.

B. The magnetic lock should be fixed tightly on the door frame and the armature plate on the door leaf. Kit provided allows the armature plate to pivot its center, thus compensating misalignment caused by other factors.

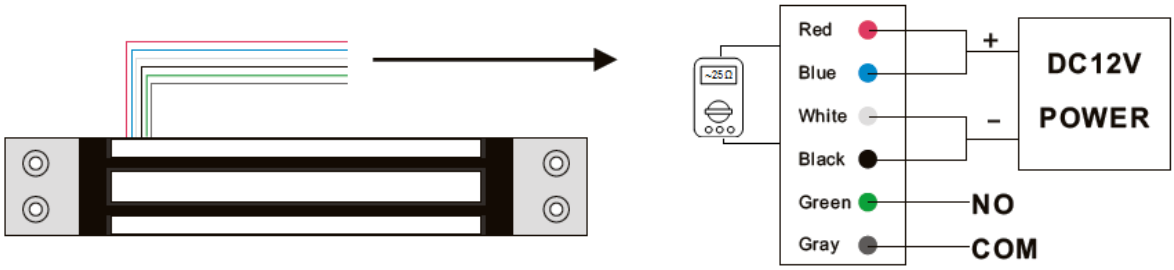
C. Template can only be used with the door in normally closed circumstance.

D. Please fix screws of magnetic lock firmly.

E. Detect signal of door state: the limit of reed switch and dry contact is 0.5A/30VDC. Don't overload.

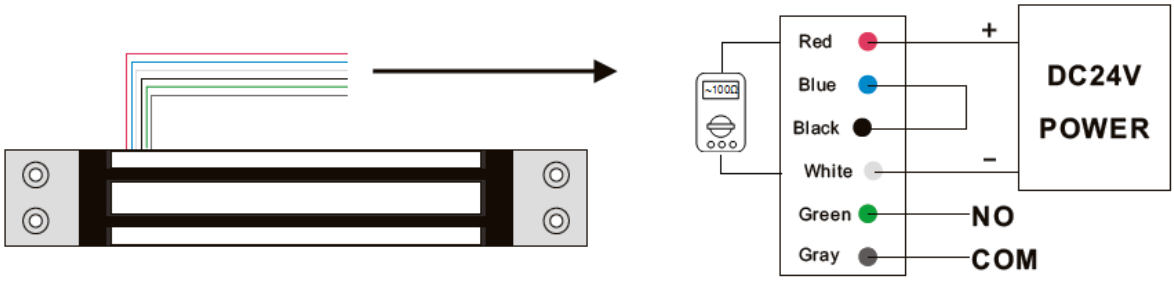
6. Wiring of Lock

DC12V:Connect Red and Blue wire as Positive pole of "+",Connect White and Black wire as Negative pole of "-".(Picture-1)



Picture-1

DC24V: red wire is Positive pole of "+",White wire is Negative pole of "-" and connect black and Blue wire.(Picture-2)



Picture-2