

ML5002L – User Manual

Description

The ML5002L is an electronic magnet for double doors. The holder is equipped with 2 electronic magnets with a load capacity of 500Kg each. The magnets are simultaneously energized and will be simultaneously interrupted when the door needs to be opened.

This product can be used for both 12V and 24V DC applications, including access control and fire alarm systems. A status output is available for signaling an open door.



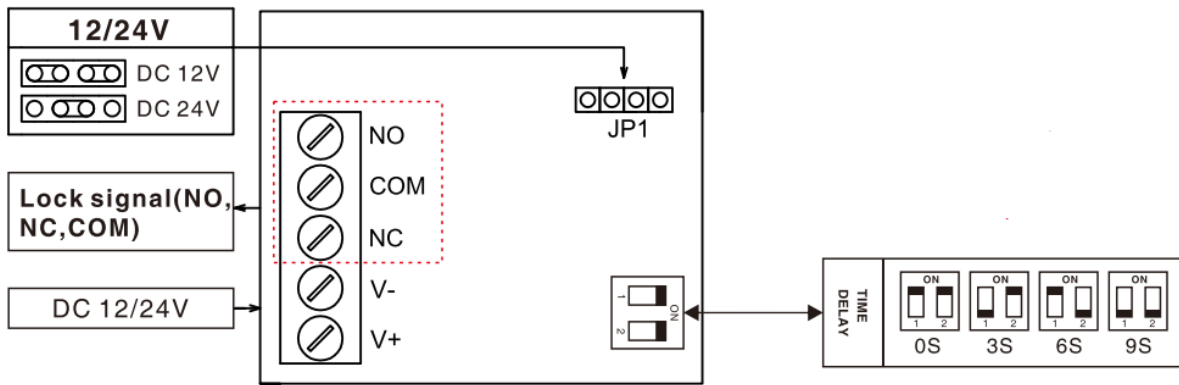
features

- ✚ Wide voltage range: 12V/24V DC
- ✚ Holding force: 500kg (1200Lbs)
- ✚ Signal output: Dry contact, max load of contact: 3A
- ✚ Red LED indication for open door
- ✚ Green LED indication closed door
- ✚ Suitable for:
 - Wooden doors
 - Glass doors
 - Metal doors
 - Fire protected doors

Specifications

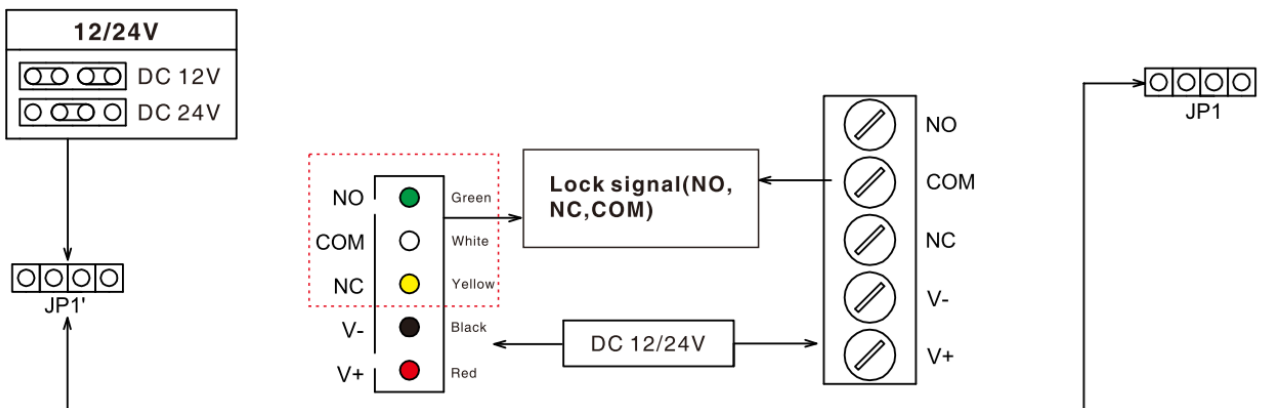
Model	ML5002L
Type of electronic magnet	Double door magnet with led status
Dimensions electronic magnet	530 x 73 x 41mm
Dimensions magnet	185 x 60 x 13.2mm
Holding force	500kg per magnet
Voltage	12/24V DC \pm 10%
Current	12V/500mA*2 24V/250mA*2
Operating temperature	-10 to 55°
Weight	9 Kg

Connection Diagrams



Note: A time delay is only supported for model ML5002LT

An output signal to detect that the door is closed is only generated when both doors are closed!



Power selector
12VDC or
24VDC input

Lock status sensor
1. Normally open switch: NO and C
2. Normally closed switch: NC and C

Power selector
Jumper
12VDC
24VDC

