



YLI ELECTRONIC

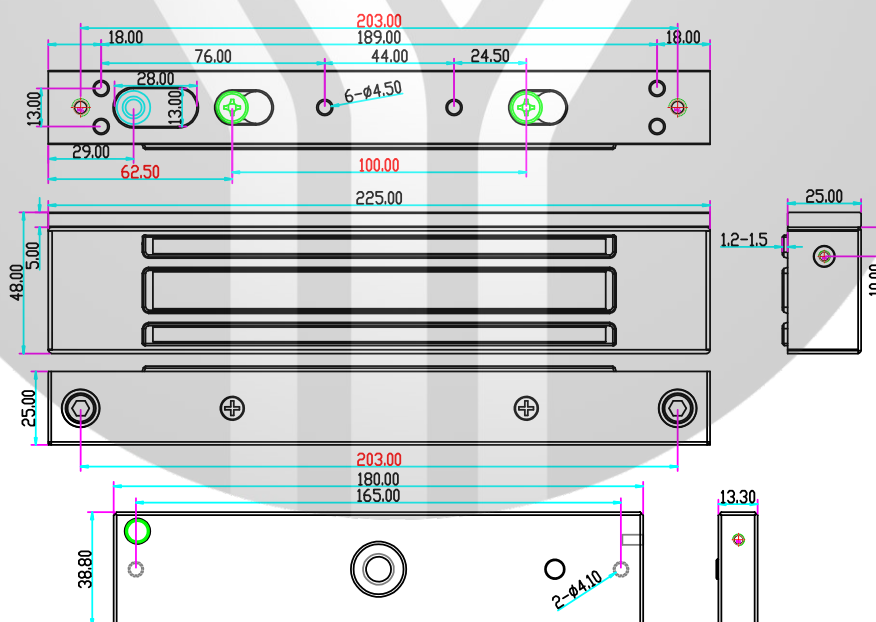
Magnetic Lock(Waterproof)



Specification

Model	YM-280W-S-UL
Dimension	225Lx48Wx35H(mm)
Armature plate	180Lx33.2Wx13.2H(mm)
Voltage	12VDC
Input	12V/500mA
Holding force	500Lbs
Signal output	Lock signal(NO/COM)
Cover finish	Stainless Steel
Suitable for	Wooden door , Metal door , Fireproof door
IP rate	IP-68
Weight	2.1kg
a) Static strength rating of 500 pounds-force (2224 N). b) Dynamic strength rating of 33 foot-pounds-force (45 J). c) Endurance rating of 250,000 cycles.	
Usage Environment:0~95%	
Ambient Temperature Range: -20°C~+55°C(-4~131°F)	
Destructive attack level I; Line security level I; Endurance level IV; standby power level I	

Dimension(unit:mm)



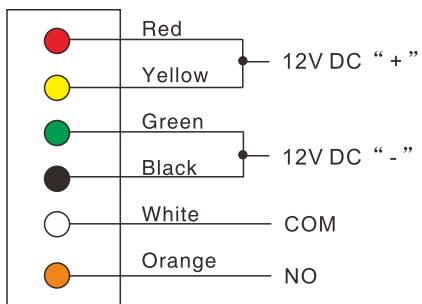
Notice: Please read the following instructions before installation.

- Please handle the lock carefully. Any damage of the surface or the armature plate will reduce the magnetic force.
- Fix the lock on the door frame and the armature plate on the door leaf. The accessories can provide better conjunction to the lock and the armature plate.
- Please keep the door closed when you drill holes.
- Fasten the screws of the lock.
- The limit value of the reed switch of the lock signal detection is 0.5A/30V DC. Don't overload.
- Make sure the armature plate can be slightly shaken when locked, for the rubber washer need some spaces to adjust the position of the armature plate and the lock.
- Please select the correct wiring for DC 12V voltage input.

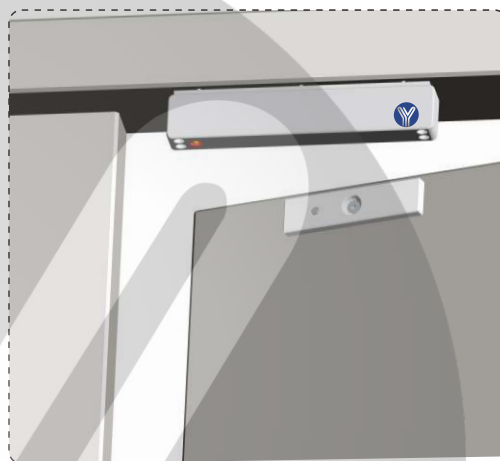
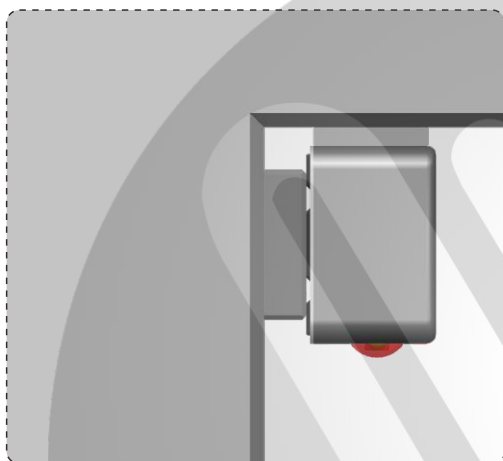
Circuit Board Diagram

The lead shall not be spliced to a conductor larger than 18 AWG

12V DC Input



Installation Instruction



Wire Connection

Except for Electromagnetic lock, other products (ACCESS CONTROL, POWER SUPPLY) are not provided. Wiring is for reference, please refer to the related product wiring instruction.

