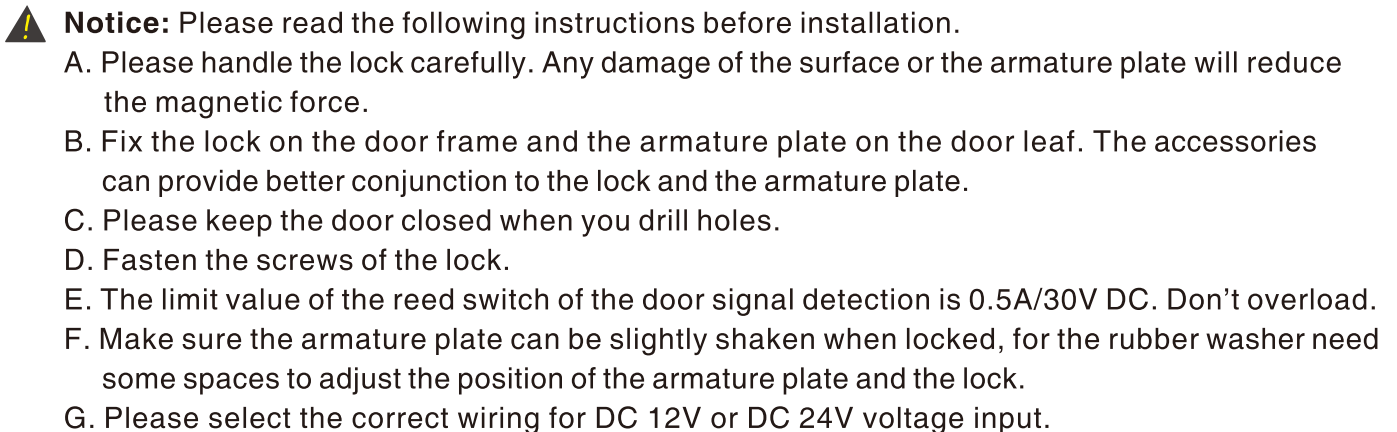




Model: YM-500FW

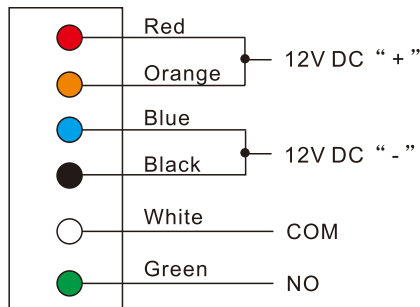
Dimension	255Lx65Wx37.8H(mm)
Holding Force	500kg(1100Lbs)
Voltage	12V DC or 24V DC
Current	12V/500mA±10% 24V/250mA±10%
Signal Output	Lock signal NO/COM
Suitable for	Safety door fireproof door iron door aluminum door
Operating Temp	-10~+55℃
IP rate	IP-68
Weight	4.5kg

Technical drawing of a rectangular plate with dimensions and mounting details. The plate has a total width of 255.00 and a total height of 230.00. The mounting holes are spaced 210.00 apart horizontally and 36.00 apart vertically. The plate features three horizontal slots and four mounting holes (two on each long side). The mounting holes are labeled M20 细牙. The plate is shown with a 3.00 thick flange and a 1-1.5 thick flange. The mounting holes are labeled 4-ø13.20 and 4-ø10.00. The plate is shown with a 24.30 thick flange and a 37.80 thick flange. The mounting holes are labeled 4-ø5.50.

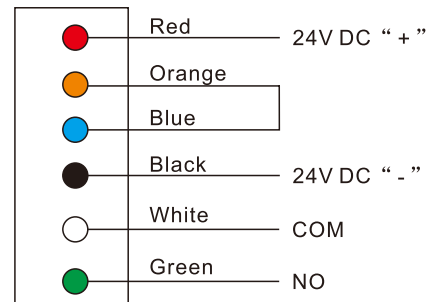


Wire Diagram

A.12V DC Input

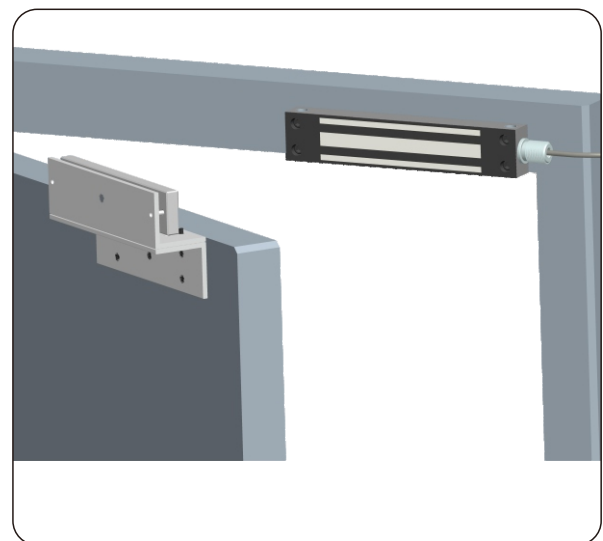
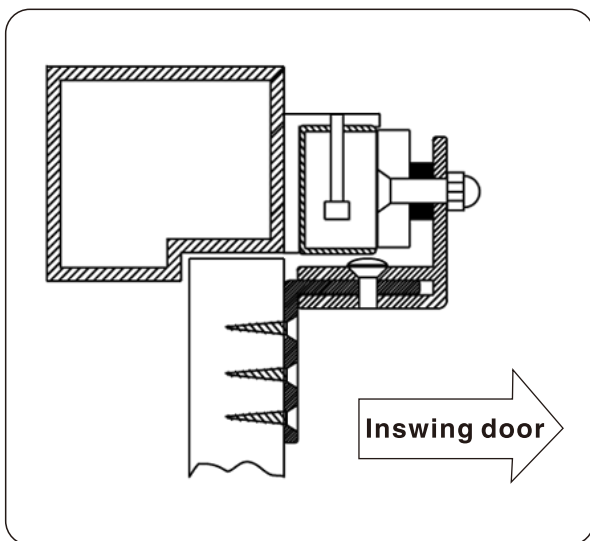


B.24V DC Input



ZL Bracket

ZL Bracket-For inward opening door For inward opening door, ZL bracket is needed.



Step 1: There must be 2 metal washers and 1 rubber washer between armature plate and Z-shaped bracket. Put the rubber washer between 2 metal washers. Lock the flattop screw in the middle of armature plate to the Z-shaped plate.

Note: Make sure the armature plate can be slightly shaken when locked. This will provide better conjunction to the magnet and reach the best efficiency.

Step 2: Drill 5 holes for the fixing the Z-shaped plate on the door fan. Make sure the positions of hole correspond to the magnet. Fasten the Z-shaped plate into the door fan firmly. Adjust the proper conjunction between Z-shaped plate and sheer strike plate.

Note: The Z-shaped plate should be equipped with the anti-sliding washers to avoid sliding.