Instructions For Magnetic Locking Devices

☆Technical Parameters:

A. Holding power: 230KGS、280KGS、380KGS、500KGS

B. Working Voltage: 12VDC

C. Working Current: 320mA

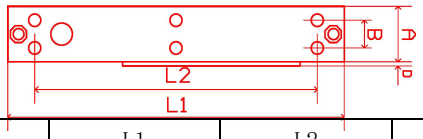
D. Safety mode: Power-on to lock, Power-off to open.

E. Typical Installation：Flushing（A）、Hanging（G）

F. Append：LED (D)、Time Delay Opening (X)、For Feedback (F)

☆Installtion chart

Hanging Type Electromagnetic Lock



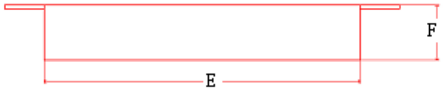
Electromagnetic Lock fitting for all kinds of doors.



Model	L1	L2	A	B	D	E	F
230GF/X	250	220	25.4	14	1.6	6.3	42
280GF/X	240	210	27	16.5	2.3	6	50.5
380GF/X	250	220	34.4	20	1.4	6	56
500GF/X	-	-	-	-	-	6	67

Flush Bonding Type

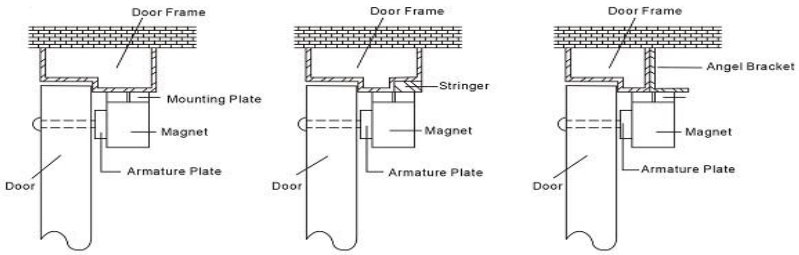




All kinds of Flush Bonding Type Electromagnetic Lock

Model	A	B	C	D	E	F
230AA	18	38.3	207.8	227.8	187.8	25.9
230A	25	42	238	257.6	202	26.9
280A	35	50.5	232	252	196.5	29.3
380A	35	56	244	264	208.5	35.8

☆ Typical Installation：



STEP 1

A. Fold template along dotted line.

B. Place template against door and head frame.

C. Drill holes as indicated on temple.

STEP 2

A. Mount the armature palte to door using 1 rubber washer sandwiched between 2 steel washer(the rubber washer and 2 steel washer are installed on the through sexnut between the armature plate and door).

STEP 3

A. Install the mounting plate with 2 flat head screws(the 2 M5X5 flat head screws are installed in the solotted holes for adjustment).

B. Adjust mounting plate so that it forms right angle with the armature plate.

C. Using the mounting plate as a temple,drill the wire hole.

D. Drill and remaining mounting screws.

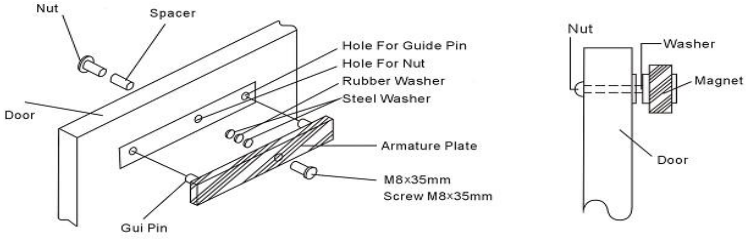
STEP 4

A. Instal magnet to mounting plate with 2 M4 screws supplied.

STEP 5

A. Test all functions of this model(see wiring instruction).

☆ Armature Plate Mounts To The Door：



Important：Fix the armature plate not too tightly,and make the rubber washer more flexible,in order to make the armature palte automatically adjust its proper position with magnet.

☆12VDC Input：

A． Required power 0.5Amp（Maximum）.

B. Connect the ground (-) lead from a 12VDC power source to line Black.

C． Connect the positive (+) lead from a 12VDC power source to line Red.

D． Check jumper for 12VDC peration.

☆24VDC Input（Just for 500GF、230GF）：

A． equired power 0.5Amp（Maximum）.

B. Connect the ground (-) lead from a 24VDC power source to line Black.

C…Connect the positive (+) lead from a 24VDC power source to line Red.

D. Check jumper for 12VDC peration.

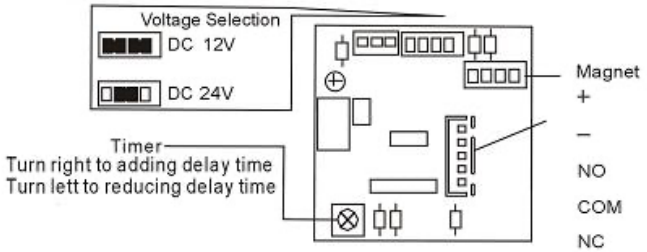
☆Contacts：

A． Relay dry contacts are rated lamp at 24VDC for safe operation do not exceed this rating.

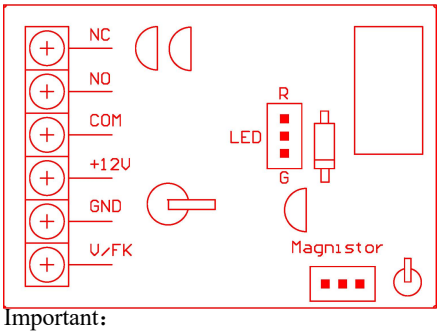
B． If you require a normally open switch connect the wires from the system to line Yellow and line Orange.If you require a normally closed switch connect the wires from the system to line Yellow and line Green.

☆Printed Circuit Board Schematic：

500GF Hanging Type Electromagnetic Lock control board



Feedback control board



NC： Normally closed

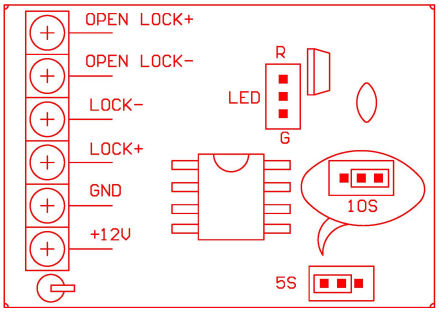
NO： Normally open

COM： Common

+12V： Power positive

GND： Power negative

Time delay control board



OPEN LOCK+： Input positive

OPEN LOCK-： Input negative

LOCK-： Drive negative

LOCK+： Drive positive

GND： Power negative

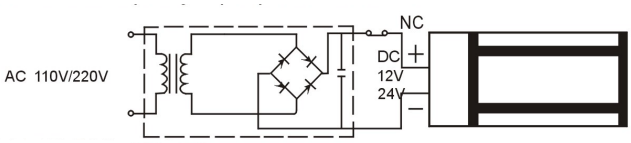
+12V： Power positive

＊Important：

A． The product should only be passed power supply.

B． If power switch is not wired between DC source voltage and magnet it will take time to de-eneraize the magnet simulating residual magnetism(see below).

C． Please make sure your jumper pin corrent or not.



☆ Other installtion

