



SWC/1200S/1202S

SWC/1200MDSM

Electromagnetic Lock Series

SWC/1202MDSM



Professional Design & Super Suction
Superior Quality and Reliable Performance

※ **Product Overview**

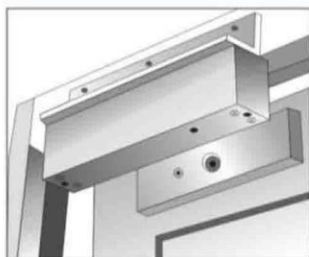
The design of magnetic locks(Electromagnetic lock) is the same as the electromagnet. By using the principle of electromagnetic, when current passes through the silicon steel sheet, magnetic locks will produce powerful suction, thereby helps to tightly absorb iron plate. Even small current will produce huge magnetic, which can effectively control the door.

SmartWorld magnetic locks adopt international leading production equipment and packaging technology, which not only makes our locks' antioxidant capacity of the surface reach the international leading level, but also helps to increase the holding force (higher 20% than other manufacturers). Now our locks have been sold to more than 60 countries and regions around the world, they are widely used in the important places such as airports, subways, banks, prisons, intelligent buildings, intelligent community and so on, and become convenient, fast and intelligent tool for global users, gain good reputation from the customers.

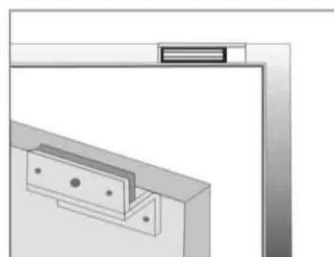
※ **Advantage of the products**

- ◆ Collinear Load Test 545KG(1200Lbs).
- ◆ Dual Voltage 12 or 24 VDC(optional).
- ◆ Built-in reverse current protection device (MOV).
- ◆ Anti residual magnetism design, anti-wear manufacturing materials.
- ◆ Shell is made of high-strength aluminum alloy, Anodized.
- ◆ Increase the holding Force, Dual Insulative Hosing.
- ◆ MA certified products of China / CE certification of EU.
- ◆ Complete electromagnetic suction working no mechanical failure.

※ **Installation drawing**



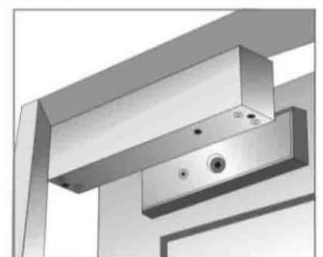
L bracket



ZL bracket



U bracket



Effect of Installation groove for Armature plate

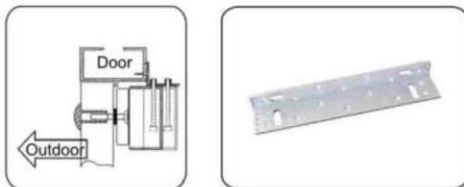
※ Product Parameters

Model	SWC1200S	SWC/1200MDSM	SWC1202S	SWC/1202MDSM
Product Type	Single Door Magnetic Lock		Double door Magnetic Lock	
Product Image				
Lock Size	265L*71W*40H(mm)		530L*71W*40H(mm)	
Armature Plate Dimension	185L*60W*13H(mm)			
Holding Force	545KG (1200Lbs)		545KG (1200Lbs)*2	
Signal output	No	Yes	No	Yes
Input Voltage	DC12V or DC24V			
Working Current	12V/600mA 24V/300mA		12V/600mA*2 24V/300mA*2	
Door Type Applicable	Wooden door , Glass door ,Metal door , Fireproof door			
Time Delay	No	Yes	Yes	Yes
Security Type	Power off to open			
Weight	4.5kg	4.5kg	9kg	9kg

※ Product mounting bracket

L Mounting Bracket

When the door width is less than 42mm, the width is not enough for Armature Plate of the magnetic locks installed, it needs to add the additional L type bracket.



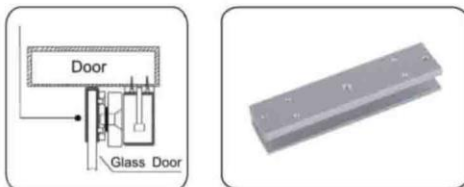
ZL Mounting Bracket

For in-swing door, install the lock body inside and then need to install the ZL bracket at the same time.



U Mounting Bracket

Magnetic locks installed in glass doors require extra U bracket (for 10-15mm glass door thick).



Armature Plate Installed the Bracket

If the door is thick, it is necessary to use the bracket installed in Armature Plate.



* Weight and Size are Only Approximation and May be Modified Without Prior Notification.



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Note: Please carefully read User Manual before usage

For detailed specification and functions, please refer to User Manual; in case of inconsistency, the content in User Manual should be kept.

All data and info in the catalog are carefully checked, any mistake resulted from printing and translation can be disregarded. Vians reserves the authority of explanation for its products.