



SWC/800S
SWC/800TDL/802S
SWC800EA/ES

Electromagnetic Lock Series



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 electromagnetism, when current passes through the silicon steel sheet, magnetic locks will produce powerful suction, thereby helping to tightly absorb iron plate. Even small current will produce huge magnetism, 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.

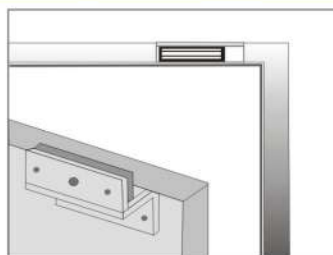
※ Advantage of the products

- ◆ Collinear Load Test 380KG(800Lbs).
- ◆ 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.

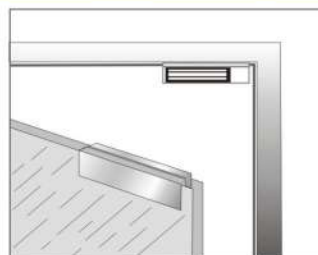
※ Installation drawing



L bracket



ZL bracket



U bracket



Effect of Installation groove for Armature plate

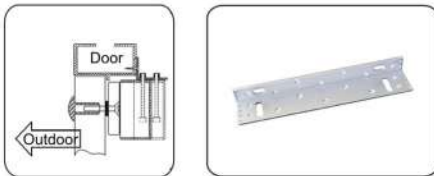
※ Product Parameters

Model	SWC800S	SWC800TDL	SWC802S	SWC802TDL	SWC800EA	SWC800ES
Product Type	Single Door Magnetic Lock		Double door Magnetic Lock		Single Door Magnetic Lock With Mortise Mount	
Product Image						
Lock Size	285L*55W*29H(mm)		570L*55W*29H(mm)		273L*44W*27H(mm)	
Armature Plate Dimension	190L*45W*11H(mm)					
Holding Force	380kg(800Lbs)		380kg(800Lbs)*2		380kg(600Lbs)	
Signal output	No	Yes	No	Yes	No	Yes
Input Voltage	DC12V or DC24V					
Working Current	12V/500mA 24V/250mA		12V/500mA*2 24V/250mA*2		12V/500mA 24V/250mA	
Door Type Applicable	Wooden door , Glass door ,Metal door , Fireproof door					
Time Delay	No	No	No	No	No	No
Security Type	Power off to open					
Weight	2.5kg	2.5kg	5kg	5kg	2.5kg	2.5kg

※ Product mounting bracket

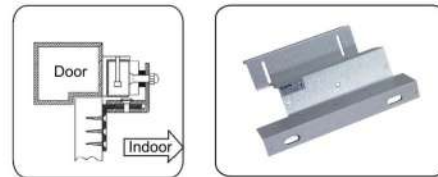
L Mounting Bracket

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.



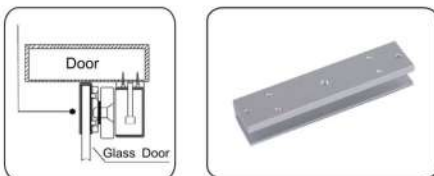
ZL Mounting Bracket

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