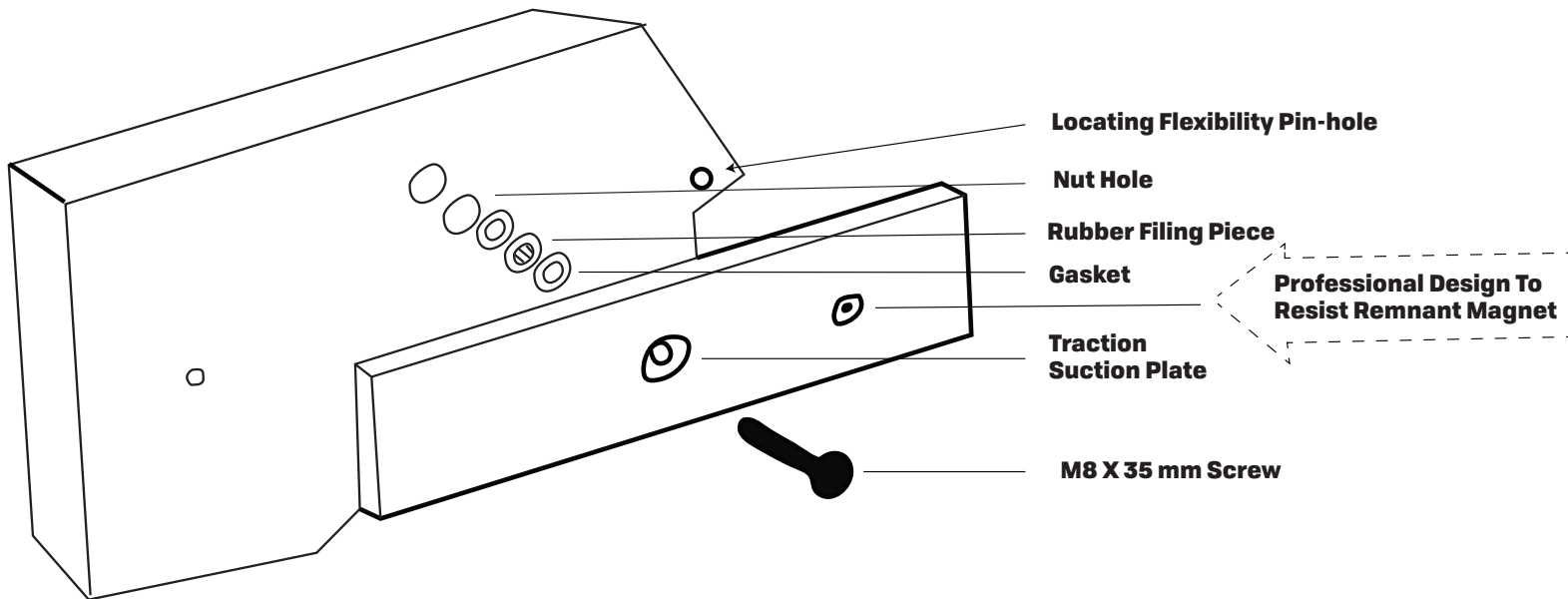


820 Series Electromagnetic Lock



Attention : Don't screw too tight the suction plate. Keep proper flexibility for the rubber filling piece, to automatically adjust the suction force of the traction plate to the correct position.

Attention Matters for the Installation of the Magnetic Lock

1. The magnetic lock is to be fixed firmly onto the door frame, with the suction plate fixed to the door. The suction plate cannot be nailed fast and welded joint on the door. Please use the gaskets and rubber rings in the package bag to install. After completion, the suction plate must be able to move up, down, left or right in a slightly free way.
2. When drilling a hole, take notice to see if the suction plate and the lock body can be deviated from its installing position. the surface of the lock body and that of the suction plate must dovetail together. The paper pattern for installation is used when the door is closed under the normal condition.
3. Lock body and suction plate surface should be kept clean. Never use corrosive cleanser to spray or rub the surface. The lock inside cannot be penetrated with water (water-proof locks are for special order).
4. To equip power adaptor, we suggest that a lock be equipped with one adaptor. Wiring and adaptor distribution type must be strictly required. The adaptor cannot be left far from the lock, and please ensure the input terminal voltage of the lock remains at a normal 12V DC and 24V DC. We don't recommend several locks go with one adaptor, because when the adaptor is damaged or when one lock is short-circuited, the other locks are being affected all together.
5. All engineering contractors, please pay attention to the above-mentioned matters, fai-

ling which may affect the functions of the lock and the losing of the suction. Thank you!

Magnetic Lock Wiring Methods

A. 12V DC input wiring connections:

Connect 12V DC positive pole (red wire) to the V+ terminal of the binding post. Connect 12V DC negative pole (black wire) to the V- terminal of the binding post. Check that the selection line of the voltage is on the position of 12V DC. (as shown in picture)

B. 24V DC input wiring connections:

Connect 24V DC positive pole (red wire) to the V+ terminal of the binding post. Connect 24V DC negative pole (black wire) to the V- terminal of the binding post. Check that the selection line of the voltage is on the position of 24V DC. (as shown in picture)

C. Wiring connections for detecting door condition:

The inflow rate of the contact point of the relay is 1 amp when the input voltage is 24V DC. Remember not to overload. If you need a NO, when often turning on switch signal, please connect the wire to the ends of COM and NO. (as shown in picture)

If you need a NC, when often turning off switch signal, please connect the wire to the ends of COM and NC. (as shown in picture)

Circuit Board Diagram

