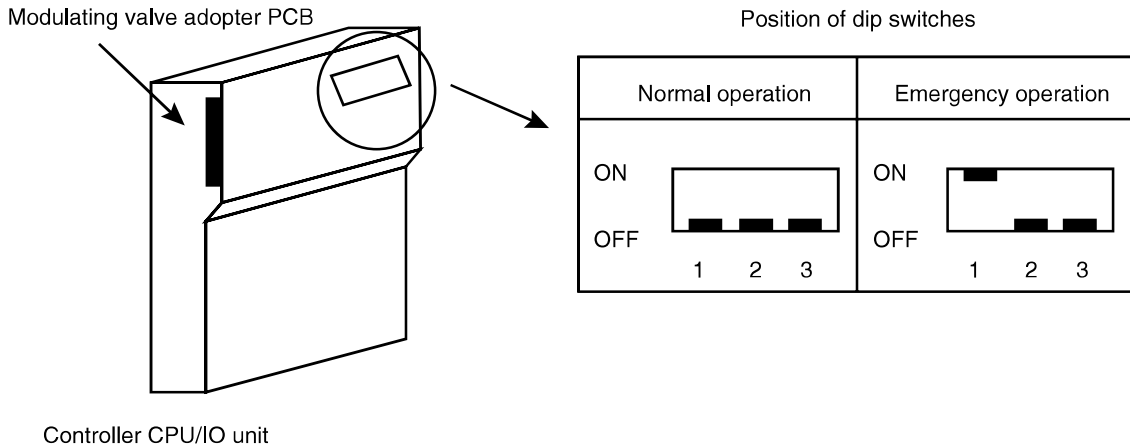


6.5.4 Emergency operation of suction modulation valve:

In case of emergency, there are two ways to open the suction modulating valve manually. It is important to follow these steps in this sequence. Use step 1 first. If this is not working, then use step 2.

Step 1. Fully open the valve by using the dip switch on the adopter PCB.

In case of controller malfunction while the suction modulating valve and adopter PCB are normal, turn the No. 1 dip switch ON to open the valve automatically. At the same time the dip switch is switched, a clicking sound can be heard that the valve fully opens. If nothing will be heard, continue to step 2.



Step 2. Fully open the valve by using an emergency magnet.

If the method of step 1 was not working, use this step to open the valve.

In case of the suction modulating valve or adopter PCB malfunction, the valve can be opened by using an emergency magnet.

- ① Prepare Emergency Magnet
- ② Remove the coil of the modulating valve.
- ③ Contact the emergency magnet to the coil mounting section of the valve with the "UPSIDE" up. (the emergency magnet is attracted to the coil installing section by magnetic force of the inside driving magnet)
- ④ Rotate the emergency magnet counter clockwise to open the valve fully. (when the valve is fully opened, the inside driving magnet will be inactive and the emergency magnet can be removed)

