MAGNETIC LOCK WIRING INSTRUCTIONS

A. 12VDC INPUT:
Required power 0.5 amp (Maximum).
Connect the ground(-) lead from a 12VDC power source to terminal 2.
Connect the positive(+) lead from a 12VDC power source to terminal 1.
Check jumper for 12VDC operation.

B. 24VDC INPUT:
Required power 0.25 amp (Maximum).
Connect the ground(-) lead from a 24VDC power source in terminal 2.
Connect the positive(+) lead from a 24VDC power source to terminal 1.
Check jumper for 24VDC operation.

C. CONTACTS:
The relay dry contacts are rated 1 amp at 24VDC for safe operation, do not exceed this rating.
If you require a normally open switch, connect the wires from the system to terminal 4 and terminal 3.
If you require a normally closed switch, connect the wires from the system to terminal 4 and terminal 5.

IMPORTANT!
1. The product should only be powered by a UL listed power supply.
2. If power switch is not wired between DC source voltage and magnet, it will take a longer time to de-energize the magnet simulating residual magnetism. (see below)

![Correct and Incorrect Wiring Diagrams]

Printed Circuit Board Schematic
DS SERIES MAGNETIC LOCK
WIRING INSTRUCTIONS

Connect the positive (+) lead from the power source to BLACK wire of the DOOR STATUS SENSOR.
Connect the negative(-) lead from the power source to one end of the LIGHT, BUZZER ... for door status.
Connect the GREEN wire of the DOOR STATUS SENSOR to one end of the LIGHT, BUZZER ... for door status.
Reed switch dry contacts are rated 0.5 Amp at 30VDC/AC for safe operation, do not exceed this rating.

**Important: Do not Fix the armature plate to tightly, and allow rubber washer more flexibility to let armature plate adjust automatically into position with the magnet.**