

## What is high security magnetic switch sensor?

For protecting vaults, bank safe, intelligence documents and similar properties it is recommended using High Security magnetic switch sensor with resistant to external and internal magnetic defeat.

Standard magnetic contact switches can be neutralized or bypassed by a professional burglar, the Hi-Security Magnetic switch sensor designed to prevent bypassing.

There are several levels of high security switches that are defined by UL, SCIF (American Standards) as UL 634 Level 2 and other international standards.

High security contact switch is based on number of reed switches that are uniquely connected and arranged in such way that bypassing is almost an impossible task.  
For higher level tamper switch added.

The high security magnetic switch contains several specially designed Reed switches.

The Reed circuit breakers are predefined in a biased format with ring magnets, producing a symmetrical magnetic field.

The magnetic layout is designed with a combination of 2-4 polarized magnets.

This switch and magnetic combination produce a perfect symmetrical magnetic field in a balanced state, as if there is no magnet field.

Any attempt to bypass or disable the security switch with an external magnet will cause the magnetic fields to be unbalanced, thus causing an alarm when an indirect attempt is made.

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Special switches dep't