

## B-2S

### Flush-mounted magnetic contact

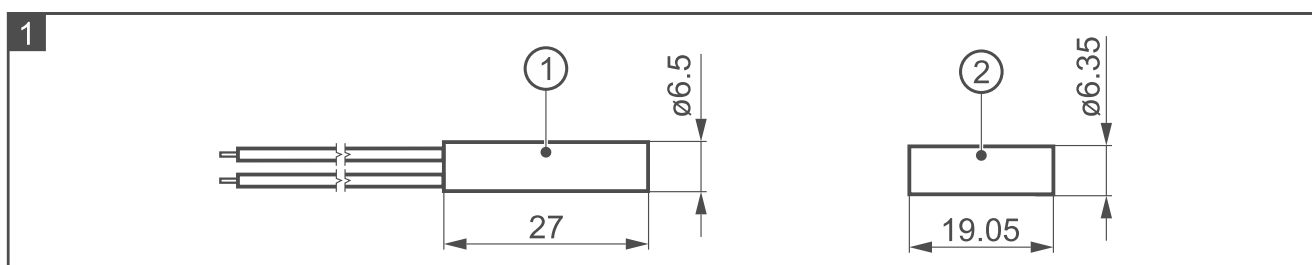
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The B-2S magnetic contact is used to detect the opening of doors, windows, etc. It is designed for flush mounting. It is available in white (B-2S) and brown (B-2S BR).

### 1. Description

The B-2S magnetic contact consists of a reed switch and a magnet (Fig. 1). Moving the magnet away from the reed switch (by opening the door or window) opens the reed switch contacts.

The reed switch is placed in a hermetic, plastic enclosure. The magnet has no enclosure. The reed switch has wires run directly from its enclosure.



① reed switch

② magnet

### 2. Tips for installation



**Disconnect power before making any electrical connections.**

- The magnetic contact should be installed indoors, in spaces with normal air humidity.
- Install the reed switch in the window frame / door frame (fixed surface).
- Install the magnet in the window / door (moving surface).
- Do not install the magnetic contact in ferromagnetic materials or in the vicinity of strong magnetic or electric fields.
- The object in which the reed switch or magnet are to be installed should be at least 10 mm thick to ensure adequate stability of the installed components.



*Do not hammer the reed switch into the hole (you may break the reed switch).*

### 3. Specifications

Magnetic contact type .....	NC
Maximum switching voltage .....	100 V
Maximum switching current .....	0.5 A
Maximum contact rating .....	10 W
Maximum contact resistance .....	0.15 Ω
Make distance .....	25 mm

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Break distance .....	33 mm
Operating temperature range .....	-10°C...+55°C
Maximum humidity .....	93±3%
Environmental class according to EN50130-5 .....	II
Reed switch enclosure / magnet dimensions .....	27 x 6.5 mm / 19.05 x 6.35 mm
Length of wires .....	450 mm
Weight .....	12 g

**The declaration of conformity may be consulted at [www.satel.pl/ce](http://www.satel.pl/ce)**