

## B-1PT

Surface-mounted pill shaped magnetic contact

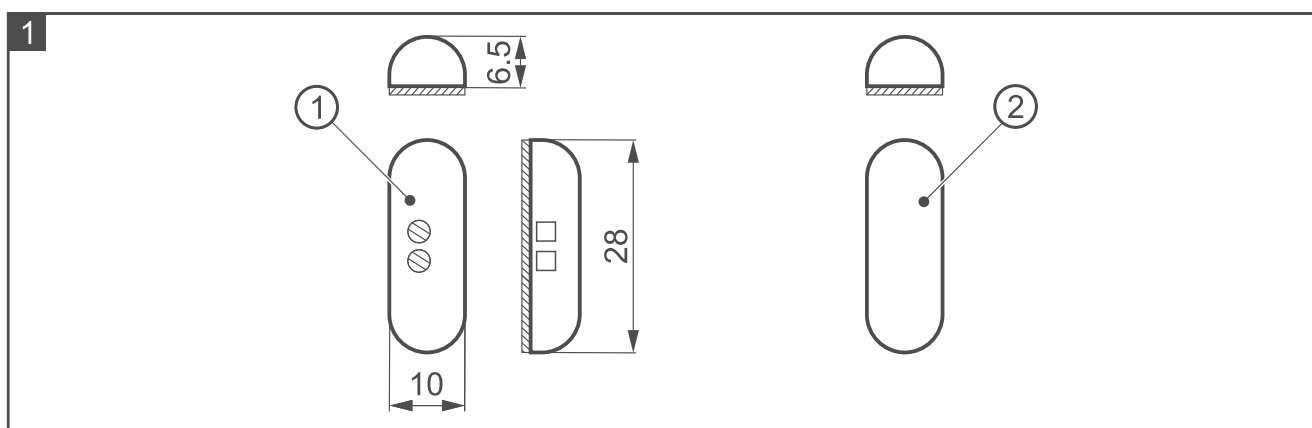
b1PT\_en 09/25

The B-1PT magnetic contact is used to detect the opening of doors, windows, etc. It is designed for surface mounting. It is available in white (B-1PT) and brown (B-1PT BR).

### 1. Description

The B-1PT 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 and the magnet are placed in plastic enclosures. The reed switch has screw terminals for connecting the wires.



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 magnetic contact in the upper part of the window frame. This will reduce the risk of flooding the magnetic contact when the window is tilted or open.
- Install the reed switch on the window frame / door frame (fixed surface).
- Install the magnet on the window / door (moving surface).
- Do not install the magnetic contact on ferromagnetic surfaces or in the vicinity of strong magnetic or electric fields.

### 3. Specifications

Magnetic contact type .....	NC
Maximum switching voltage .....	100 V
Maximum switching current .....	0.5 A
Maximum contact rating .....	10 W

Maximum initial contact resistance .....	0.2 $\Omega$
Make distance .....	25 mm
Break distance .....	30 mm
Operating temperature range .....	-10...+55°C
Maximum humidity .....	93±3%
Environmental class according to EN50130-5 .....	II
Reed switch / magnet enclosure dimensions .....	28 x 10 x 6.5 mm
Weight.....	6 g

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