

B-21

Flush-mounted magnetic contact

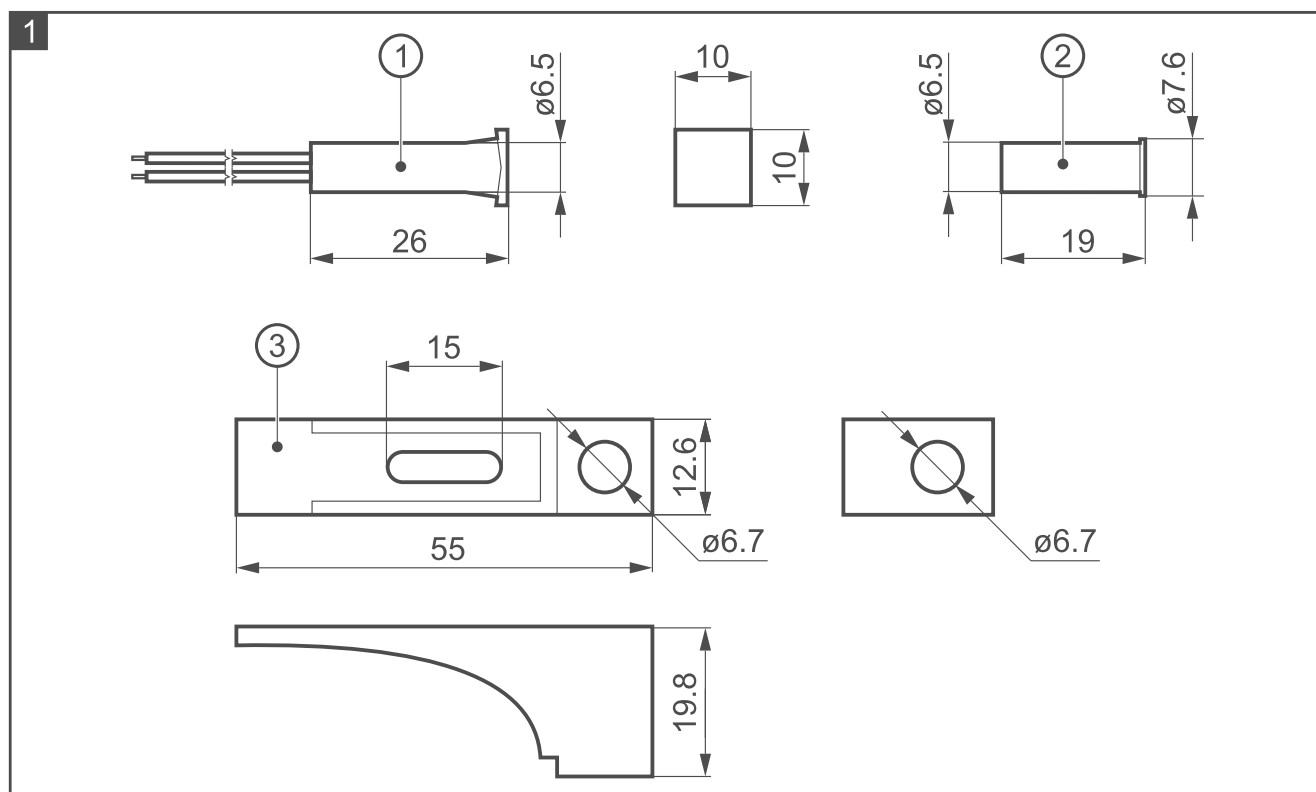
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The B-21 magnetic contact is used to detect the opening of doors, windows, etc. It is designed for flush mounting. It is available in white (B-21) and brown (B-21 BR).

1. Description

The B-21 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 hermetic, plastic enclosures. The reed switch has wires run directly from its enclosure. A plastic bracket for mounting the reed switch or magnet is provided in the set.



- ① reed switch
- ② magnet
- ③ bracket

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.....	0.2 Ω
Make distance	19 mm
Break distance	24 mm
Operating temperature range.....	-10°C...+55°C
Maximum humidity	93 $\pm$ 3%
Environmental class according to EN50130-5	II
Reed switch enclosure dimensions.....	26 x 10 x 10 mm
Magnet enclosure dimensions	19 x 7.6 mm
Bracket dimensions.....	55 x 12.6 x 19.8 mm
Length of wires.....	450 mm
Weight.....	13 g

The declaration of conformity may be consulted at www.satel.pl/ce

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