

B-3 / B-3A

Surface-mounted side magnetic contact

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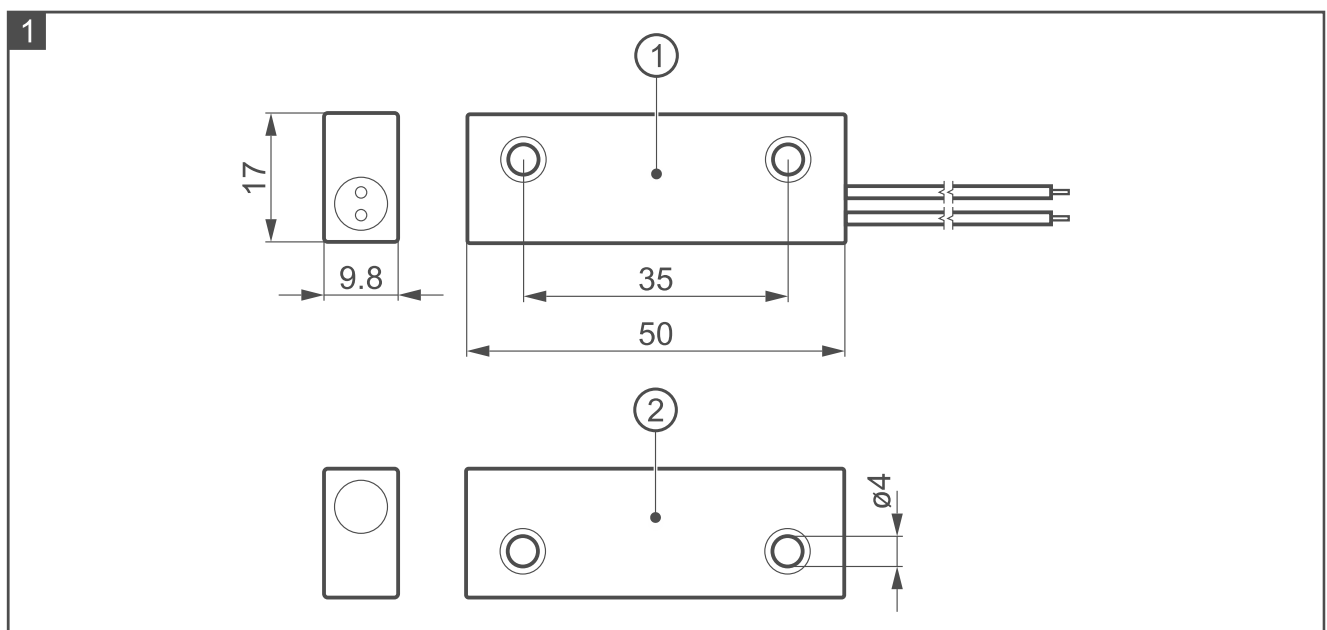
The B-3 and B-3A magnetic contacts are used to detect the opening of doors, windows, etc. They are designed for surface mounting. They are available in two versions, each with different wire protections.

1. Description

The B-3 / B-3A 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, metal enclosures. The reed switch has wires run directly from its enclosure.

The B-3A magnetic contact has an extra metal cover for 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 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.



The magnetic contact should not be installed in places with a high risk of corrosion, including electrochemical corrosion.

3. Specifications

Magnetic contact type	NC
Maximum switching voltage	100 V
Maximum switching current.....	0.4 A
Maximum contact rating	7.5 W
Maximum contact resistance.....	0.15 Ω
Make distance (B-3 / B-3A)	37 mm
Break distance (B-3 / B-3A)	44 mm
Operating temperature range.....	-10...+55°C
Maximum humidity	93±3%
Environmental class according to EN50130-5	II
Reed switch / magnet enclosure dimensions (B-3 / B-3A)	50 x 9.8 x 17 mm
Length of wires / metal wire cover.....	650 mm / 550 mm
Weight (B-3).....	56 g
Weight (B-3A)	82 g

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