

B-1F

Surface-mounted flat magnetic contact

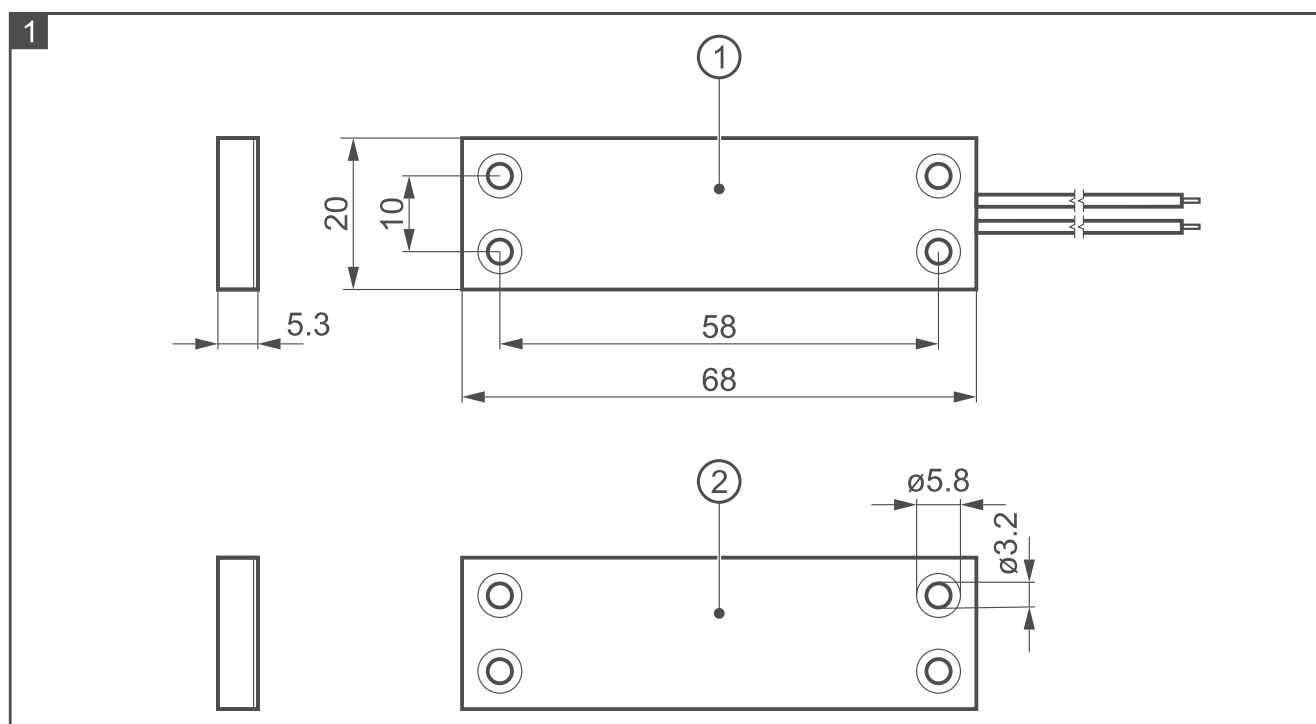
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The B-1F magnetic contact is used to detect the opening of doors, windows, etc. It is designed for surface mounting. It is available in white (B-1F) and brown (B-1F BR).

1. Description

The B-1F 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 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 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 contact resistance.....	0.2 Ω
Make distance	28 mm
Break distance	36 mm
Operating temperature range.....	-10...+55°C
Maximum humidity	93±3%
Environmental class according to EN50130-5	II
Reed switch / magnet enclosure dimensions	68 x 20 x 5.3 mm
Length of wires.....	400 mm
Weight.....	23 g

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