

# S-1 BR

## MAGNETIC DETECTORS

Magnetic contact detectors belong to the essential devices of perimeter protection. They are used to protect doors, windows, etc., by triggering alarm when they are open. The S-1 detector is designed for surface mounting by fastening it with screws e.g. to window frame or door frame. S-1 consists of two watertight parts: the reed switch (magnetic) sensor and the magnet. Moving one part away from the other breaks the sensor circuit, which is indicated as a violation. Additionally, the detector is provided with a tamper loop.

S-1 is designed to work with any alarm control panel having NC inputs as well as to be used in automation system as a control element. It meets the requirements of **EN 50131-1** and **EN 50131-2-6** standards for Grade 2.

The S-1 detector is available in two color versions: white (**S-1**) and brown (**S-1 BR**).

- surface mounted
- tamper loop
- sealed body

## TECHNICAL DATA

|                               |            |
|-------------------------------|------------|
| Max. reed switched voltage    | 20 V       |
| Max. switched current         | 20 mA      |
| Weight                        | 29 g       |
| Transient resistance          | 150 Ω      |
| Life expectancy (20 V, 20 mA) | 360 000    |
| Contact material              | Ru (Ruten) |
| Make distance                 | 18 mm      |
| Break distance                | 28 mm      |

