

# S-1

## 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 DC
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