

S-4

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-4 detector is designed for surface mounting by fastening it with screws to window frame, door frame, etc. S-4 consists of two parts placed in stylish enclosures: 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. The detector is provided with a tamper contact and an additional terminal M for easy installation of EOL resistor.

S-4 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 device is available in two color versions: white (**S-4**) and brown (**S-4 BR**).

- surface mounted
- tamper contact with terminals
- plastic body



TECHNICAL DATA

Max. reed switched voltage	20 V
Max. switched current	20 mA
Enclosure dimensions	58,5 x 16,5 x 15,2 mm
Operating temperature range	-30...+55 °C
Weight	24 g
Maximum humidity	93 ±3%
Transient resistance	150 Ω
Life expectancy (20 V, 20 mA)	360 000
Contact material	Ru (Ruten)
Make distance	18 mm
Break distance	28 mm
Dimensions reed switch spacer	58,5 x 16,5 x 3,3 mm
Dimensions magnet enclosure	58,5 x 14,7 x 8,3 mm
Dimensions magnet spacer	58,5 x 14,7 x 3 mm