

S-4 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-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 three color versions: white (S-4), brown (S-4 BR) and dark grey (S-4 DG).

- surface mounted
- tamper contact with terminals
- plastic body



TECHNICAL DATA

| Max. reed switched voltage | 20 V DC |
|-------------------------------|-----------------------|
| 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 |
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