

K-1 2E BR

MAGNETIC SENSOR

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 K-1 2E detector is designed for surface mounting by fastening it with screws e.g. to window frame or door frame. K-1 2E 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 two 1.1 kOhm resistors connected with reed switch in 2EOL configuration. They enable the control panel to detect tamper of the detector by registering changes in resistance of the input line.

K-1 2E is designed to work with any alarm control panel provided with NC inputs as well as to be used in automation system as a control element.

The K-1 2E contact is available in two color versions: white (K-1 2E) and bronze (K-1 2E BR).

- for surface mounting
- 1.1 kOhm resistors configured as 2EOL/NC



TECHNICAL DATA

Max. reed switched voltage	20 V DC
Max. switched current	20 µA
Weight	10 g
Life expectancy (20 V, 20 mA)	360 000
Contact material	Ru (Ruten)
Make distance	18 mm
Break distance	28 mm
Resistance	2 x 1100 Ω

