SA-220, SA-204, SA-203 Magnetic contacts

The detectors serve for the detection of the opening of windows, doors or gates. Install the sensor part with its connecting cable on or inside a frame and install the part with a permanent magnet on the part of the window, door or gate that moves.

Installation rules:

Doors, windows and movable parts need to be mounted so that when they are closed, their position is fixed. It is impossible to protect doors and windows which can change their position with a blowing wind or a draft, as in this case the contact could be disconnected.

The intensity and range of the magnetic field are designed for ideal conditions with no other magnetic fields, and no other ferromagnetic materials. Any ferromagnetic material weakening the magnetic field in the surrounding space will make the range of the magnetic field shorter.

The magnetic field of the permanent magnet could be shorter by about 50% than is written on the datasheet when it is mounted in a metallic door-frame. Very precise installation is necessary to get good results.

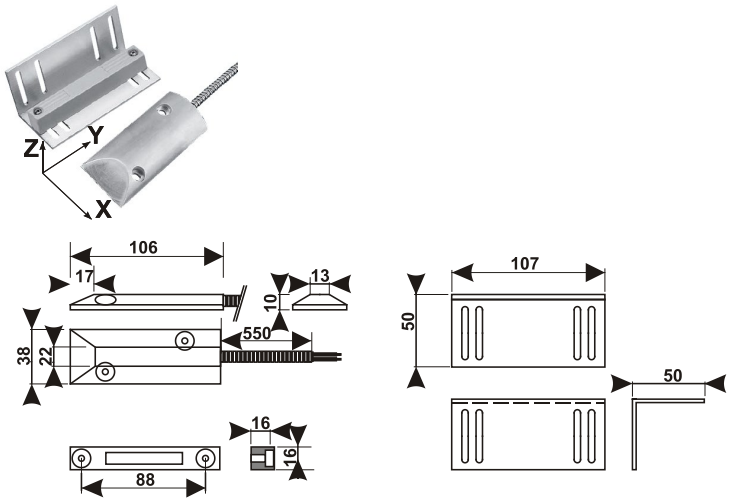
The contact is sealed in a glass tube. Avoid breaking the contact and letting it fall as it could be damaged.

The maximum operational distance is just before the contact is no longer reliably switched on. In practice there is also hysteresis: disconnecting the contact happens at a greater distance than its connection (see the charts).

JABLOTRON ALARMS a.s. hereby declares that the products is in compliance with the essential requirements and other relevant provisions of Directive 2011/65/EU. The original of the conformity assessment can be found at www.jablotron.com, Technical Support section

Note: Although the product does not contain any harmful substances, do not throw it away with ordinary waste. Dispose of it at an electronic waste collection point instead. Additional information can be found at www.jablotron.com in the Technical Support section.

SA-220 rolling metal contact



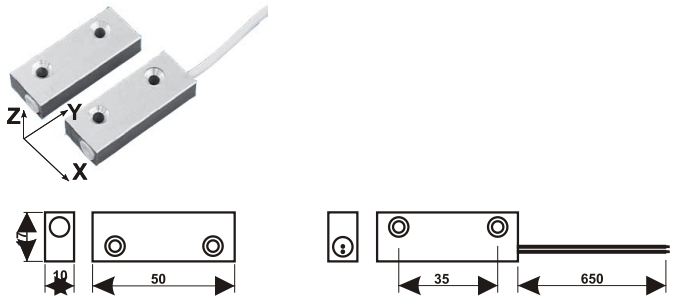
(mm)

Technical specification			
Axis	X	Y	Z
Connection distance (mm)	48	50	64
Disconnection distance (mm)	60	62	77
Max. current (mA)	200		
Max. voltage (V DC)	30		

Operational environment according to EN 50131-1 IV. Outdoor general

Classification according to Grade 2 EN 50131-1, EN 50131-2-6

SA-204 Surface contact for industry



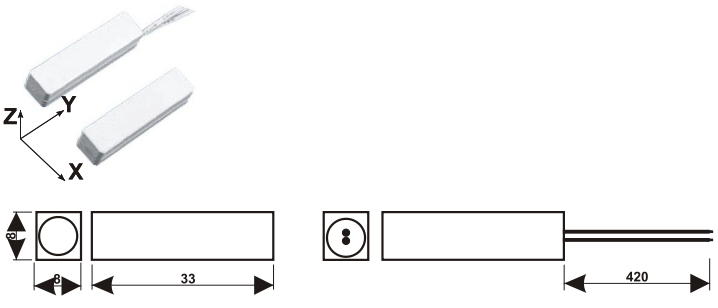
(mm)

Technical specifications			
Axis	X	Y	Z
Connection distance (mm)	41	27	44
Disconnection distance (mm)	49	33	52
Max. current (mA)	200		
Max. voltage (V DC)	30		

Operational environment according to EN 50131-1 IV. Outdoor general

Classification according to Grade 2 EN 50131-1, EN 50131-2-6

SA-203 adhesive mini-contact



(mm)

Technical specifications			
Axis	X	Y	Z
Connection distance (mm)	22	22	23
Disconnection distance (mm)	30	30	30
Max. current (mA)	200		
Max. voltage (V DC)	30		

Operational environment according to EN 50131-1 II. General indoor

Classification according to Grade 2 EN 50131-1, EN 50131-2-6