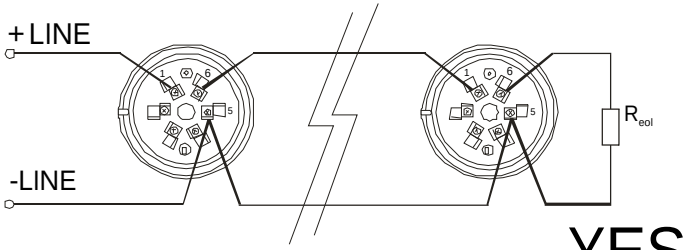
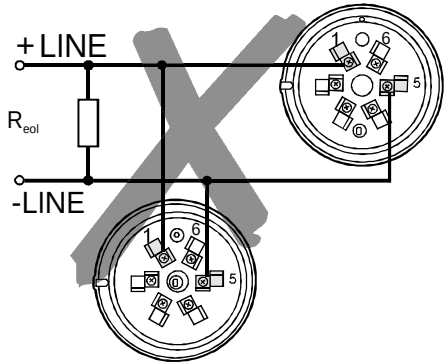
DETECTOR CONNECTION



YES



NO

Rev.:2.01

RF1
SMOKE DETECTOR

The smoke detector **RF1** reacts to the presence of elements caused by the combustion (visible smoke). The working principle is based on the light dispersion technique (Tyndall effect).
These detectors have been made conventional fire alarm systems, in which the user wants to add also one detection line fire.
The detector has the test function through an inner reed identifiable outside the detector by a flush mounting). To execute the test, it is necessary to put a magnet near the reed. This operation allows only to simulate an alarm, but it does not check the functioning of the sensor. For this reason it is necessary to act with traditional methods (smoke source).

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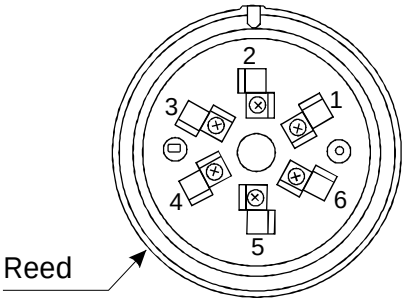
CLIP DESCRIPTION OF THE BASE



1 / +	Positive line input.
2 / R	NC.
3 / R	NC.
4 / SCR	Negative output for outside door repeater.
5 / -	Negative line.
6 / +	Positive line output.

AUTOTEST

Correct working:	2 leds flash every 40 second.
Prealarm:	2 leds flash.
Alarm:	2 leds on.
Damaged detector:	1 led flashes.

TECHNICAL CHARACTERISTICS

Power supply:	12/27Vdc
Normal current:	50µA
Alarm current:	25mA
Outside door:	8.7mA o 18mA
Material:	ABS
Colour:	white
Led visibility:	360° (2 led)
Relative humidity:	93%
Magnetic test activation:	yes
Size (with base):	mm 110Øx53h

OUTSIDE DOOR