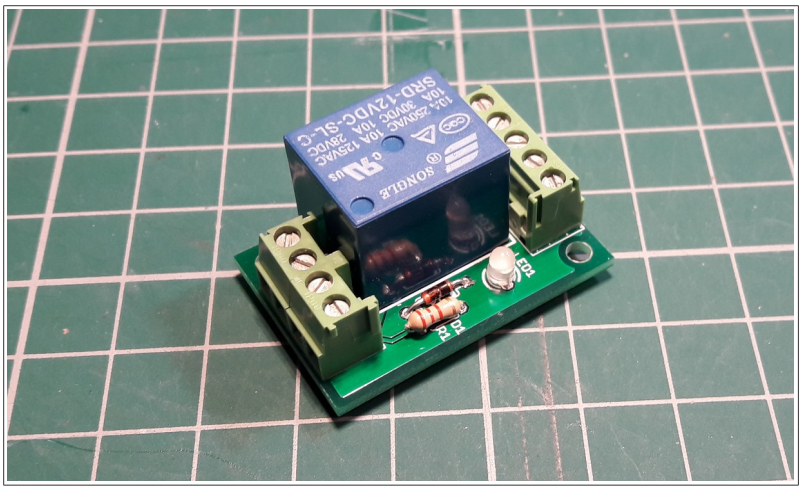
Relay Interface



WARNING

Do not operate the card when it is turned on.
Take the necessary precautions when the relay is used to switch a 220Vac source. The installation of a switching of voltages greater than 48Vdc is reserved for qualified personnel.

SENSIVIC detectors of the LASCO, SOKO and MUTY type have an optically isolated **contact output for signaling**.

The contact input of the receiver (alarm center or contact input of video surveillance cameras, etc.) must not apply a voltage greater than 60Vdc or impose a current greater than 300mA, **otherwise the contact output of the detector will be destroyed**. This output can not therefore be used to control a high power equipment.

Specifications

When the direct control of a high power equipment is useful, a relay interface is inserted into the supply circuit of the SENSIVIC detector:

- Dimensions : 24mm x 36mm
- Weight: 15g
- Supply voltage : 12Vcc
- Supply power required: 500mW
- Inputs:
  - Contact output of the SENSIVIC detector
- Outputs:
  - Supply voltage for the SENSIVIC detector: 12Vdc
  - Relay :
    - Voltage: up to 250Vac
    - Current: up to 10A
    - Outputs: COM, NO et NF

Relay Interface Cabling

This interface requires a 12Vdc polarized power supply of about 500mW. It returns the power supply and the contact connection for the detector. It gives access to the outputs of the controlled relay.

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The relay interface is small enough and enough light that it can be placed in a PLEXO case of 60mm diameter junction box without any special attachment.

Be aware of the relay connections (COM, NO and NC) when switching of electrical voltages greater than 48Vdc.

Main connection scheme