

## Router VIT 02



The router VIT02 performs the functions of a repeater (retransmitting the radio signals in the network) and controls conventional sounders or fire protection and fire alarm equipment, through a programmable fire relay output.

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### Features

The VIT02 is power supplied by alternating voltage 220 V/50 Hz and has a space for backup battery (not included), supporting its operation in case of fault in the external power supply.

The VIT02 router performs the features of signal strength amplifier, configuration expansion module and single-output (EN54-2, type C) addressable module. The router is with stand-alone, EN54-4 power supply, applicable for conventional sounders trigger.

In premises, where there is other devices operating in the frequency range of 2.4GHz, it is necessary to scan and detect the channel of operation of these devices. This ensures that the Fire Alarm system we use will occupy a channel that will be shared only by its devices. The router is in accordance with the European standard EN54-25.

### Technical data

**Back up battery:**

- Back up battery type: lead, gel electrolyte
- Nominal voltage/capacity of the back up battery: 12 V/1,2 Ah
- Discharged battery voltage: 9 V DC
- Charge battery voltage: 14 V DC
- Consumption on back up battery supply in: < 60mA max
- Duty Mode peak value at 12 V

**Supply voltage:****Mains supply:**

- 220/230V ( 50/60Hz )

**Power supply output: 1 pc**

- Voltage: 24( +2/-4 )V DC
- Maximum current value: 400 mA

**Monitored fire alarm lines (EN54-2, type C):**

<b>1 pc</b>	Response time: 30 sec.
– Type: potential	Degree of protection: IP50
– Electrical characteristics: 24( +2/-4 )V DC / 400mA	Operating temperature range: -10°C up to +55°C
	Relative humidity resistance (no condensation): ≤ 95%
Indication of the registered events – Light indication: LED (yellow, green and red LED)	Overall dimensions (excluding the antenna): 130 x 170 x 80 mm
	Weight, excluding the back up batteries, not more than: 0,400 kg
Cross section of the connecting wires: (0.5 –1.5) mm <sup>2</sup>	



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