



Vemer S.p.A.

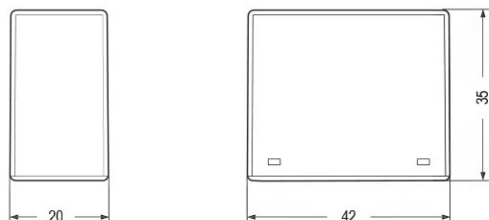
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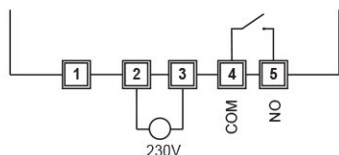
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Mod. **RX.16A**

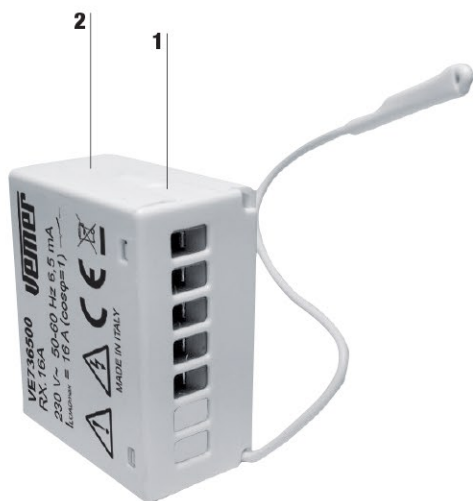
## 2 DIMENSIONS



## 3 WIRING DIAGRAMS



## 4 INSTALLATION



### INDICATIONS AND CONTROLS

- 1 – Channel configuration key  
2 – Bicolor red/green operating state indicator

## 1

### User Manual

### REMOTE ACTUATOR RX.16A

⚠ Read all instructions carefully

The remote actuator RX.16A is an automatic control device with independent installation designed to receive radiofrequency signals coming from Vemer radiofrequency devices.

It performs actions of type 1B and it is intended for operating in rooms or similar with pollution overload category III and degree of pollution 2 (EN60730-1).

Code	Model	Description
VE736500	RX.16A	Flush mounting remote actuator

### SAFETY WARNINGS

During the product installation and operation it is necessary to observe the following instructions:

- 1) The product must be installed by a qualified person;
- 2) Do not power the product during installation;
- 3) Do not power or connect the product if any parts appears to be damaged.
- 4) The product must be installed in compliance with the wiring diagrams of this manual and on the product.
- 5) After installation, inaccessibility to the connection terminals without appropriate tools must be guaranteed.
- 6) The instruments must be installed and activated in compliance with current electric system standards.
- 7) In the electrical system of the building where the instrument must be installed, a switch and a protection device from the overcurrents must be present.

### TECHNICAL SPECIFICATIONS

- Power supply: 230Vac (-15% ÷ +10%) 50/60 Hz
- Output: bistable relay with interruption power of 16(8)A / 250Vac
- Max distance from transmitter: 30 meters in inside homes
- Operating antenna frequency: 433.92 MHz
- Operating temperature: 0 ÷ 40°C
- Storage temperature: -10°C ÷ +70°C
- Enclosure: suitable for the flush mounting box (one module dimension)
- Degree of protection: IP20
- Type of action: 1B

## 5 OPERATION

- After switching on the red LED flashes twice for half a second (switching-on sequence).
- Once lighting sequence is over, the green LED lights to inform about normal operation and the red led lights to give the corresponding state of the channel (switched on = ON).
- The command device (transmitter) requires the combined relay actuation (relay ON/OFF) only after the channel configuration.
- When radio link interruption between transmitter and receiver is over 15 min, the relay is disabled and the red LED flashes. Reset is automatic.

### Channel configuration

- During normal operation, hold down the key for almost three seconds to enter configuration mode. Green LED is off while red LED flashes.
- The product holds configuration mode for max 60 seconds, within this period the actuator must receive a configuration string from the command device. (see instructions for string input mode).
- When string is received, the channel is configured and the actuator restarts its normal operation.
- To reconfigure the channel, repeat the procedure.
- To reset the channel configuration, enter the configuration mode (holding down the key for almost 3 seconds until the red LED restarts flashing), then hold down the key for almost three seconds until the green LED lights. Every new configuration resets the previous one.

### REFERENCE STANDARDS

Compliance with Community Directives:

2006/95/EC (Low voltage) 2004/108/EC (E.M.C.) 1999/5/EC (R&TTE)

is declared in reference to the harmonized standards:

- EN 60950-1
- EN 301 489-3, EN 301 489-1, EN 300 220-1, EN 300 220-2