



RF4RE

ONE-CHANNEL ON/OFF RECEIVER

Overview



Main features

- Pairing with a room thermostat or a programmable room thermostat or a central control unit (emitter)
- Receives commands and data wirelessly, by means of radio-wave signals

Application

- Boiler
- Heaters
- Underfloor heating/cooling systems
- Reversible heat pumps
- Electric radiators
- Air conditioning systems
- Fans

Product + points

- **Successful pairing with the emitter can be checked**
- **Relay contact testing feature**
- **A pilot light indicates to you whether or not the receiver is operating**
- **Integrated control algorithm**
- **Practical:** the product has a small footprint

Functional specifications

Use



Heating, air conditioning and ventilation control

The output contact switch and change of state depending of received orders or informations

Protection mode

In the event that the link with the emitter "drops", operation continues in order that the system continue to be controlled. This mode is indicated by means of the pilot light flashing in a specific fashion

Pairing details and status are saved in the event of a power outage

The pairing with the emitter and the status of the output contact are saved by the receiver. They are automatically reinstated when the power supply returns

Manual test and temporary forced closing of the contact

Installation

Wall mounting

Electrical wiring by removable area located at the back or using cable gland to be cutted where the wires go through

Wireless transmission by means of radio waves: Reliability, performance, flexibility and modulability



Approved Europe-wide, highly resistant to external sources of interference

Signals can go through walls and ceilings

The wireless aspect means that you can change the lay-out of areas without having to make any changes at all to wiring

Wireless transmission by means of radio waves



Wireless radio transmission communication between programmer and receiver

Sold separately

Technical specifications

Dimensional and finish specifications

Height	107 mm
Width	83 mm
Depth	40 mm
Color	White RAL 9016
Net weight	0.2 Kg

Power supply

Operating voltage	230V +10/-15% 50Hz
Relay output	One 10A 230V AC (resistive load) voltage-free relay output
Environmental pollution degree	2
Overvoltage category	II

Radio-wave transmission

Frequency	Radio transmitter, frequency 868.3 Mhz. Can be used throughout Europe
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Environment

Protection rating	IP44 after installation in the supplied box (EN60529)
Class	Class II
Operating temperature	0°C to +50°C
Storage temperature	-20°C to +60°C

Applicable directives

RED	2014/53/EU
RoHS	2011/65/EU

Applicable standards

Safety	EN60669-1 ; EN60669-2-1 ; EN62311
EMC	EN301489-1 ; EN301489-3
Radio	EN300220-2
RoHS	EN50581
Manufacturing	On certified site ISO 9001 V2008

Product codes

Codes	References
REARF004REB	1-channel receiver, wireless, wall mounting, 10A, IP44

Product customization (design features) possible. Please contact us.