

RF5

ONE-CHANNEL ON/OFF RECEIVER

For fitting to an electric towel heater



Overview

Main features

- Can be paired with a room-temperature thermostat or, alternatively, with a room-temperature thermostat with a programmable Boost feature (the thermostat must be equipped with a wireless emitter)
- Wireless transmission by means of radio waves

Application

- Electric towel heater with heat transfer fluid

Product + points

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

Functional specifications

Use



Execution of commands	Heating on/off commands
Protection mode	In the event that the link with the emitter "drops", operation continues in order that the system continue to be controled 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

The receiver is designed to be fitted directly to towel heaters, same way as standart control units, no need to modify the indutrial process

The light indicator allow viewing in real time:

- > The pairing with the wireless emitter;
- > Changes in status (open/closed) of the relay

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

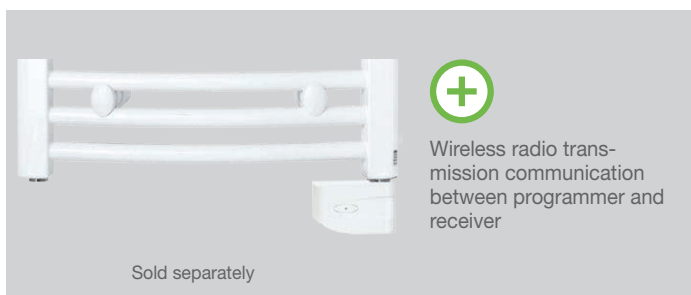


Approved Europe-wide, highly resistant to external sources of interference

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



Technical specifications

Dimensional and finish specifications

Height	67 mm	
Width	107 mm	
Depth	33 mm	
Color	White RAL 9016	Grey RAL 9006
Net weight	0.18 Kg	

Power supply

Operating voltage	230V +10/-15% 50Hz
Power cord	H05VVF 2 x 1 square mm, length about 90 centimeters.
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 on compatible towel heater
Class	Class II
Operating temperature	0°C to +40°C
Storage temperature	-20°C to +60°C
Humidity	85% at +25°C (without condensation)

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

Code	Reference
REARF005REB	1-channel receiver, wireless, for fitting to a towel heater, 10 A, IP44, white
REARF005GB	1-channel receiver, wireless, for fitting to a towel heater, 10 A, IP44, grey

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