

BT-WR03 RF Serie

Wireless receiver for smart connected thermostat
Vision® Wireless

Technical Data Sheet



Description

Vision® Wireless enables temperature control of individual rooms in heating and/or cooling systems.

It is a wireless system that requires the use of a wireless room thermostat to control the temperature of individual rooms through remote contacts.

The Vision® system allows full remote control of the system using any browser from your PC or the dedicated smartphone app (iOS or Android) using the system's Wi-Fi connection.



VISION® WIRELESS BT-WR03 RF SERIES

These range of wireless receivers has been designed to control heating and cooling equipment, using an smart connected thermostat BT-ST03 RF from the Vision® Wireless range.

In order to respond to all possible configurations, the wireless receivers have powered or potential-free contacts, depending on the model.

For versions with powered contacts, switching can be done on the phase or on the neutral wire depending on the references.

Type	Part No.	Description
BT-WR03 RF868 FC	P08918	Vision® wireless receiver 230V power supply RF868MHz free contact
BT-WR03 RF868 HC	P08917	Vision® wireless receiver 230V power supply RF868MHz H&C signal – 2 relays

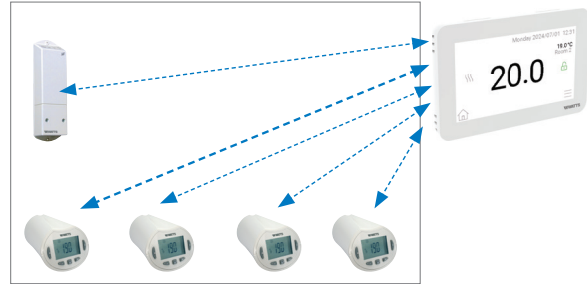
- Vision® Wireless compatible receiver
- Control of heating and cooling systems
- 230Vac power supply
- Simplified implementation, a button and an LED for pairing with the smart connected thermostat
- Wall installation by 2 screws
- Powered or potential-free dry contact depending on the version
- 10A relay for FC version
- 2 x 5A relays for the Heat and Cool version

Technical specification		
	BT-WR03 RF868 HC P08917	BT-WR03 RF868 FC P08918
Temperatures Operating	0 to +40°C	
Temperatures Shipping and storage	-10°C to +50°C	
Power supply	230Vac 50Hz	
Electrical protection	Class II - IP33	
Type of contact	2x free contacts	free contacts
Connectors	Screw connector up to 1.5mm ²	
Output	Relay 2x 5A 250Vac	Relay 10A 250Vac
Radio Frequency	868MHz < 10mW (Bidirectional) - Receiving distance range ~100m in open space Receiving distance range ~30m in residential environment	
CE Directives	Low voltage (LVD) - Directive 2014/35/EU Electromagnetic compatibility (EMC) - Directive 2014/30/EU Radio equipment - Directive 2014/53/EU Ecodesign and Energy Labelling - Directive 2009/125/EC and Regulation (EU) 2017/1369 Restriction of the use of certain hazardous substances (RoHS) - Directive 2011/65/EU	
Product conformed to	UE 811/2013 and 2010/30/UE	
Classification	IV	
Contribution	-2%	

Examples of installation type



Receiver controlled by smart thermostat



Management of thermostatic heads demand with a receiver and a smart thermostat



Receivers controlled by a smart thermostat

Specification text

Wireless receiver for temperature regulation.

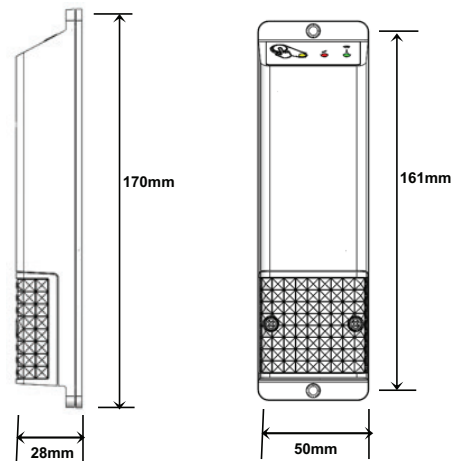
Combined with a smart thermostat from the Vision® Wireless range, the wireless receiver can be used to control the heating and/or cooling system. Using free contacts or powered.

The pairing between the thermostat and the wireless receiver is done using a simple button.

An indicator LED shows the status of the receiver, during pairing and then during operation

Installation on the wall is simple thanks to the 2 slots provided for screws.

Overall dimensions (mm)



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