



SMART AND CONNECTED WALL SOCKET RELAY VERSION TO CONTROL REMOTELY ELECTRIC DEVICES

Remotely-controlled with customizable mobile application, occupancy detection, consumption measurement in kWh.



Overview

Main features

- Make electric device of the past connectable to Internet, without replacing it
- Directly connectable to domestic wifi, without accessory
- Remotely-controlled with customizable mobile application
- Consumptions measurement

Application

- Hot water tank
- Ventilation
- Lighting
- Watering
- ...

Benefits

- **Compact style and neat finish: space saving and installation discretion**
- **Ready to use: join, connect, control the connected device!**
- **Several wall mounting choices with cable guide supplied**
- **Directly connectable to the Internet** through your internet provider box, without any other accessory
- **Remotely-controlled by your smartphone, tablet or computer thanks to dedicated and customizable mobile application**
- **Latest generation advanced electronics with OTA microprocessor, allowing remote update**
- **Control lights of the wifi connection and operating status**
- **Permanent backup of settings**



Functional specifications

Use



Control an electric device	The output contact switches and changes state depending on the orders or information received.
2 types of control available	- Control via dry contact - Control via phase cut-off
Occupancy detection	
Consumption measurement in kWh	
Protection mode	In case of connection loss with the transmitter, operation is ensured to keep control of the installation. This mode is indicated by a specific flashing of the operating status indicator.
Backup in case of power supply shut down	The association with the transmitter and the status of the output contact are saved. They are activated automatically at the next power up.
Manual test and temporary forcing of the contact	

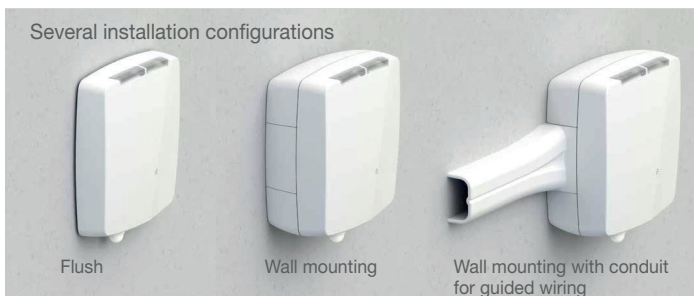
Installation

3 choices of mounting:

- Mounting on a flush-mounting box (not supplied) near the device to control.
- Wall mounting, IP44 equipped with cable guide conduit (supplied), on the side or below the device to control.
- Wall mounting on a flush-mounting box (not supplied), with IP44 wall mounting, near the device to control.

2 buttons equipped with tri-color LEDs indicating the different status:

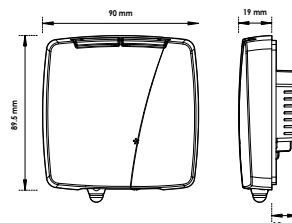
- Button 1: Internet pairing, connection status
- Button 2: test, manual override, status indication



Technical specifications

Dimensional and finish specifications

Height	89.5 mm
Width	90 mm
Depth	34 mm
Color	White
Net weight	0,15 Kg



Power supply

Operating voltage	230V +10/-15% 50Hz
Relay output	Voltage-free relay output: 10A 230V (resistive load)
Degree of environmental pollution	2
Overvoltage category	II

Communication

Frequency	2,4GHz. Usable all over Europe
Protocol	WIFI 802.11 B/G/N

Environment

Protection rating	IP44
Class	Class II
Receiver category	1
Operating temperature	0°C à +40°C
Storage temperature	-20°C à +60°C

Applicable directives

RED	2014/53/EU
RoHS	RoHS 2011/65/EU, amended by Directives 2015/863/EU and 2017/2102/EU

Applicable standards

Pilot wire version

Safety	EN60730-1/ EN60730-2-9 / EN62311
EMC	ETSI EN301489-1 / ETSI EN301489-17
RF	ETSI EN 300328-1
RoHS	EN IEC 63000
Manufacturing	ISO 9001 V2015 certified

Product code

Code	Description
EWSREA	Smart wall socket - relay version

Product customization (style, features) possible on request. Please contact us.