

WiDom Universal Relay Switch



WiDom Universal Relay Switch is a Z-Wave certified "in wall device", for ON/OFF control of electrical loads (sockets, boiler, heater, oven, lights, etc.) controlled either locally or via the Internet. Integrated with a timer for the timed switch off and is able to react autonomously to signals arriving from the Z-Wave network, which signals an alarm for abnormal levels of CO₂, window breakage, flooding, etc. The different types of alarm that the device reacts to are configurable, as well as the mode of reaction. It is the only Z-Wave switch based on the use of a latching relay.

Power sockets can be controlled and disconnected in the event of a flooding alarm signal; the same alarm can trigger the activation of a pump. The device can be configured to behave differently depending on the number of times that an existing button installed in the system is pressed. For example, pressing the same button twice can be configured to turn off all lights in a given area.

Of course, the device is reprogrammable and its "behaviour" can be modified directly by the user.



Can be installed in any system

The WiDom Universal Relay Switch has been designed to be installed in junction boxes, in close proximity to lamps.

Thanks to the unique AC Sensing feature, WiDom Universal Relay Switch integrates seamlessly into the existing system without having to run new cables.

Can be controlled by any type of buttons or switches

WiDom Universal Relay Switch can be controlled with any switch or button. Pre-installed switches and buttons will work in the usual way, but you will be able to configure new behaviours and scenarios to a sequence of two or three clicks or a press-and-hold action, depending on the type of buttons or switches installed.

Reacts to alarms

The system is able to react to alarm signals originating from other devices, such as CO2 levels, window breakage, flooding, etc. The different types of alarm which the device reacts to are configurable, as well as the mode of reaction. Power sockets can be controlled and disconnected in the event of a flooding alarm signal and the same alarm can trigger the activation of a pump.

Built-in Timer

A timer is built into the device for time-based activations.

Ultra low power consumption

Thanks to its careful design, WiDom Universal Relay Switch features the lowest energy consumption among similar devices on the market: consumes less than 230 mW.

Ready to be installed, but fully configurable

The device is supplied ready for installation. It can be configured to behave differently depending on the number of times that an existing button installed in the system is pressed: for example, a "double click" action can be configured to turn off all the lights in a given area. Universal Relay Switch can be supplied with **custom configurations**.

Technical characteristics

Power Supply	230 VAC 50/60 Hz
Actuator element	Latching relay
Maximum Load	2500 VA – 250 VAC - 10A resistive load in AC, 300 VA – 30 VDC – 10A resistive load in DC
Radio Protocol	Z-Wave 868.4 MHz
Range	up to 30 m indoor (depends on building materials)
Consumption	< 0,23 W
Electrical IP Rating	IP20