

WiDom Universal Roller Shutter



WiDom Universal Roller Shutter is a Z-Wave certified "in wall device", for the multilevel control of roller shutter motors. It can accurately control the opening and closing of blinds, curtains, shutters, Venetian blinds as requested by the user through local commands or remotely using computers, smartphones, tablets.

It is able to react autonomously to signals from the Z-Wave network, such as signalling alarms 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 features very low power consumption, both on standby and when operational, and it is also easy to install, thanks to its inversion of control feature which can be enabled when the device is installed. Easy and convenient to use thanks to its two favourite positions settings

The auto-calibration feature and the two favourite positions settings increase the ease of installation and use.



Auto-Calibration

The revolutionary WiDom Universal Roller Shutter is able to sense the shutter position with high precision, without the use of external sensors. During the utilization phase, a continuous and automatic control of the limit switches allows the calibration to remain stable. In the absence of a power source, the system runs a self-repositioning procedure that restores the calibration.

Favourite Positions

The WiDom Universal Roller Shutter can memorise two favourite positions: one for the upward movements (opening movements) - favourite level for the ON position- the other for the downward movements (closing movement) - favourite level for the OFF position. These positions can be activated manually through a double click on the Up or Down button.

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.

Ultra low power consumption

Thanks to its particular design features, the WiDom Universal Roller Shutter has the lowest energy consumption amongst similar devices currently available on the market. It uses less than 230 mW on standby mode, and less than 500 mW when operational.

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 close all roller shutters of the house. Universal Roller Shutter can be supplied with custom configurations.

Technical characteristics

Power supply	230 VAC 50/60Hz
Actuator element	Relay
Maximum load	1200 Watt
Radio Protocol	Z-Wave 868.4MHz
Range	up to 30m indoor (depends on building materials)
Consumption	< 230 mW in standby < 500 mW with working engine
Electrical IP Rating	IP20