



## USER AND SAFETY GUIDE

### Z-Wave® shutter control with power measurement remote control

This document contains important technical and safety information about the Device, its safe use and installation.

**CAUTION!** Before beginning the installation, please read this guide and every Shelly guide and any other documents accompanying the device. Failure to follow the installation procedure may result in damage to your health and life, violation of law or refusal of warranty. Shelly Europe Ltd. is not responsible for any loss of damage in case of incorrect installation or use. Shelly Europe Ltd. is not responsible for the failure of following the user and safety instructions in this guide.

**ABOUT DEVICES** The Device enables remote control of motorized blinds, roller shutters, venetian blinds, awnings, etc. It measures power consumption of the controlled device. It is recommended to use only motors with electronic or mechanical line starters. The motor must be connected to set correctly before connecting the Device to the motor.

**CAUTION!** Danger of electrocution. Mounting/installation of the Device to the power grid has to be performed with caution, by a qualified electrician.

**CAUTION!** Danger of electrocution. Every time you connect the Device to the power grid or any appliance connected to the Device may damage it.

**CAUTION!** Do not connect the Device to appliances exceeding the given max. power.

**CAUTION!** Do not alter the antenna (the antennae may be shortened, lengthened, or modified in any way).

**CAUTION!** Connect the Device only in the way shown here. This is the only correct method used cause damage and/or injury.

**CAUTION!** Do not install the Device where it can get wet.

**CAUTION!** Do not use the Device if you have repaired the Device yourself!

**CAUTION!** Do not interfere with the Device (any alteration or modification of the Device is prohibited).

**CAUTION!** Before starting the mounting/installation of the Device, check that the breakers are turned off and there is no voltage on their terminals. This is done with a phase tester or multimeter. When you are sure that there is no voltage, you can proceed to connecting the wires.

**CAUTION!** Use only one phase AC circuit. Do not connect the Device to a circuit with two wires.

**CAUTION!** Do not allow children to play with the push-buttons/ switches connected to the Device. Keep the device away from children. Shelly Wave (mobile phones, tablets, PC) may interfere with the operation of the Device.

**RECOMMENDATION:** Place the antenna as far away as possible from metal elements as well as from other electrical appliances.

**RECOMMENDATION:** Connect the Device using solid single-core wires with increased insulation (1.5 mm<sup>2</sup> x 27 mm x 2 mm x 16 mm ± 0.5 mm / 1.46 in x 1.65 in x 0.63 in x 0.02 in).

**RECOMMENDATION:** For inductive appliances that cause voltage spikes (string switching on/off, such as electrical motors, fans, etc.), use surge protectors (RC snubber (0.1 µF / 100 V / 1/2 W / 600 V AC) should be connected parallel to the appliance).

**RECOMMENDATION:** Connect the Device to a power grid and appliances that comply with all applicable regulations. A short circuit in the power grid or any appliance connected to the Device may damage it.

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Sobavolno nakon instalacije: 0.4 Nm / 3.5 lb-ft

Querschnitt des Leiters: 0.5 bis 1.5 mm<sup>2</sup> / 0.2 bis 0.4 in<sup>2</sup>

Abmessung des Leiters: 5 bis 16 mm / 20 bis 24 mm

Material: mineraler Kunststoff

Hersteller: Faber Schwab

Temperaturbereich: -20°C / 0°F bis +50°C / 122°F

Luftfeuchtigkeit: 30% bis 70% RH

Druckbereich: 0 bis 1000 hPa

WICHTIGER HAFTUNGSAUSSCHLUSS

Die drahtlose Kommunikation mit Z-Wave® ist möglicherweise nicht immer zu 100 % zuverlässig. Es ist nicht garantiert, dass alle Geräte verwendet werden, in denen Leben und Tod von der Gesundheit abhän...

Bestellcode: QLSH-001P10U

Konformitätserklärung

Funkertätigkeit Shelly Europe Ltd., dass das Funkgerät des Shelly Wave Shutter mit der CE-Markierung (EMV) konform ist.

Hersteller: Shelly Europe Ltd.

Adresse: Shelly Europe Ltd, 51 Cherni Vrah Blvd., building 3, floor 2, 3, Loznetz Region, Sofia 1407, Bulgarien

EMV: <https://www.shelly.com>

CE-Markierung

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más je třeba použít prvky metrické, aby se předcházelo nebezpečí zranění. Před instalací přístroje se ujistěte, že všechny prvky jsou v souladu s normou IEC 60335-1.

PRECAUTION! Conecte el dispositivo solo de la forma indicada en estas instrucciones. Cualquier otro método podría causar daños o lesiones.

PRECAUTION!

