

RCW-01

Radio-controlled shock sensor

intended for operation with sunblind 230 VAC drives

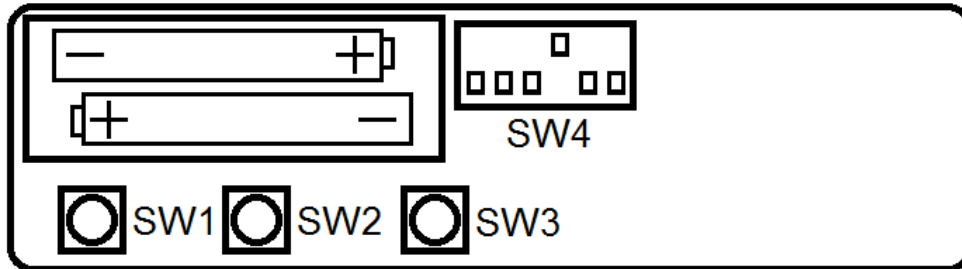
The radio shock sensor is intended for automatic rolling up of sunblinds during heavy wind, it works with radio-controlled YYGL45MR-50/12 and YYGL45R-40/15 drives.

WARNING:

The device may be permanently damaged if batteries are inserted incorrectly or in case of fall from the height of over 1 m.

Sensor installation

The RCW-01 sensor must be mounted on the mobile part of the sunblind, preferably on the internal part of the yoke beam. The packaging, apart from the sensor, contains double sided adhesive tape and two self-tapping screws.



- SW1 unrolling
- SW2 STOP
- SW3 programming

Registering the sensor with the drive

First programming for drives:

- connect the drive to a 230 VAC power supply.
- within 10 seconds from startup press the SW3 button on the sensor
- the sunblind will make a short motion towards the unrolling direction, and then towards the rolling up direction
- within the subsequent 10 seconds press and hold the SW1 button (▼ 'unrolling') on the sensor,
- a short motion towards the unrolling direction, and then towards the rolling up direction will confirm that the registration was performed correctly.

WARNING: The procedure will erase all previously registered remote controls from the memory.

When you already have a registered remote control

Switch the drive into the programming mode with a previously registered remote control.

- short press the ▲ 'up' and ▼ 'down' buttons of the registered remote control channel at the same time,
- the sunblind will make a short motion towards the unrolling direction, then towards the rolling up direction, and finally a series of short movements of rolling down and up in the amount equal to the amount of registered remote controls,
- within the subsequent 10 seconds press and hold the SW1 button (▼ 'unrolling') on the sensor, a short motion towards the unrolling direction, and then towards the rolling up direction will confirm that the registration was performed correctly.

Setting sensor sensitivity

Sensor sensitivity is set with the six-position SW4 switch. The switch sliders set to ON set the vibration level (wind strength) which will make the sunblind roll up.

- slider no. 1 set to ON indicates low activation threshold (weak wind will close the sunblind)
- slider no. 6 set to ON indicates high activation threshold (strong wind will close the sunblind)

The factory setting is slider no. 2 to ON.

Sensor operation

After detecting sunblind vibrations caused by wind, the sensor sends a 'close' signal to the drive.

When the sunblind is closing it can be stopped with another remote control, but can only be opened again after vibrations stop plus 30 seconds.

If the sensor's battery is weak, it will send a 'close' signal in 30-minute intervals.

Replace batteries immediately.

If the sensor is damaged or cannot communicate with the drive, the sunblind will be closed after 1 hour.

Power supply

Two AAA 1.5 V alkaline batteries.