10. Instructions:

2 pages:

Wind Sensor RTA

FCC ID: DWNWSRTA

Instructions

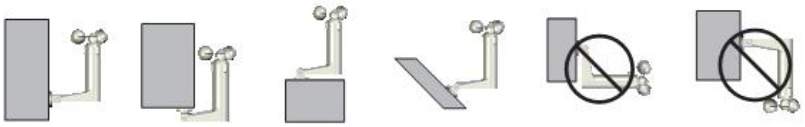
FCC: This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device maynot cause harmful interference.
(2) This device must accept any interference received, including interference that may causeundesired operation.

Warning

Read the safety instructions on the enclosed sheet carefully before you start installation. If these instructions are not followed, Manufacturer's liability and warranty are forfeited.
Manufacturer is not liable for any change in the regulations and standards introduced following the publication of this manual.
This product must be installed and programmed by qualified personnel. Read these instructions carefully before making the connections.

*The **Wind Sensor** is a radio product for awning' s protection.
*Operating temperature: -20 ℃ to +50 ℃/-4℉ to 122℉.
*Power supply: AC120V~60Hz.

1 Installation



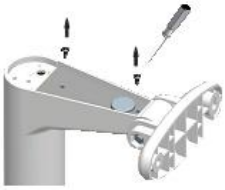
Remark: the head with blade must be oriented upward.

Dimensions

2 Wiring

***Power input to the sensor is not polarized.**
***Turn off the power and fully discharge the transformer before making final connections.**

1. Unscrew the back cover of the wiring compartment and return the back cover.



2. Make a hole in the rubber, and let the AC cable go through the rubber, then connect leads to the terminals at the back of the cover.
-Terminal block can be removed for easier connections.

3. Replace the back cover and fix the 2 screws.
Remark: attention to keep the oring in position.

4. Fix the sensor to the wall using provided screws.

5. Tight the screw after putting the blade in the up position.

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3 Programming

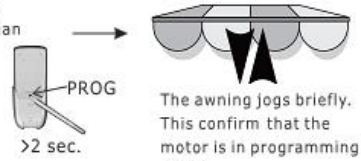
*The motor/receiver must be in programming mode to record a Wind Sensor.
*One Wind Sensor can be memorized into several motors/Receivers.
*It is recommended not to memorize more than one Wind Sensor into the motor's memory.

IMPORTANT:AWNING MOTOR CONFIGURATION

When strong wind is detected, the Wind Sensor will send an UP command to close the awning.
After programming,it is important to test that the system is working correctly,using the TEST Mode below (step4).
Please refer to the motor installation instructions to change the direction if necessary.

1.To Enter the "Programming mode"

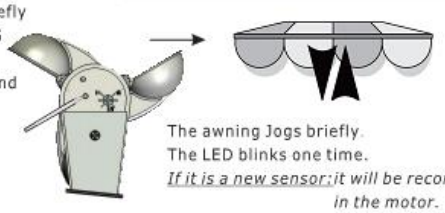
Activate the motor programming mode by pressing more than 2 sec. the PROG button of the remote control.



The awning jogs briefly. This confirm that the motor is in programming mode.

2.To Record or Delete a sensor

Press briefly the PROG button of the Wind Sensor.



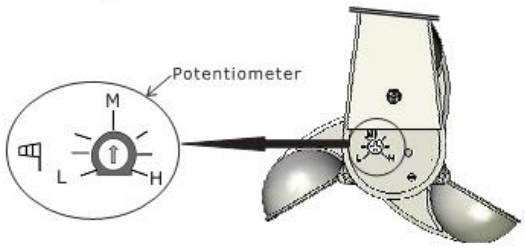
The awning Jogs briefly.
The LED blinks one time.
If it is a new sensor: it will be recorded in the motor.
If the sensor was previously recorded: it will be deleted.

4 Test Mode

To ensure that the Wind Sensor has been well programmed,press the PROG button of the Wind Sensor for 5 seconds.The Wind Sensor will send an UP order.

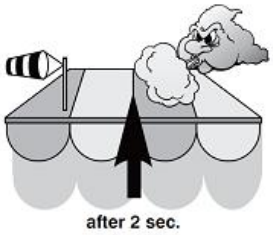
5 Wind Sensor detection level is set up

*The Wind Sensor provides a protection for retractable awning in case of strong wind conditions.
*The wind detection level can be adjusted using the potentiometer.
*The detection level can be adjusted between 10 kilometer per hour (position L) to 60 kilometer per hour (position H).



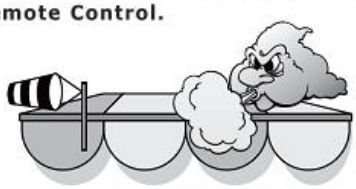
6 Wind Sensor functions

When the wind speed exceeds the detection level set into Wind Sensor for 2 seconds,an UP order is sent to the awning(s).



An UP order will then be sent every 2 minutes(during strong wind conditions). When the wind speed decrease below detection level for 30 seconds,the Wind Sensor will stop sending the UP command.

Remark:this allow to close the awning if an open order has been sent during strong wind conditions with a Remote Control.



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