



Instruction guide : wind rain control for 1 motor

WARNINGS

Dear Customer, thank you for purchasing a MASTER product.

Here you will find important information regarding the methods of use and the safety of installation. **Comply with the following information and keep for future reference.** WIND P is a wind rain sensor device for awnings, screens or similars. This device rolls up the awning when wind or rain speed exceeds the setting threshold. It controls only one motor with mechanical limit switch. **FOR A CORRECT INSTALLATION, IT IS RECOMMENDED TO READ THIS INSTRUCTION GUIDE.**

The producer cannot be consider responsible for any damages due to improper, wrong or unreasonable use.

EXPIRED

At the end of the product cycle, dispose as provide by local regulation, or deliver again to the retailer when purchasing a new one. This product could contain polluting substance for the environment and dangerous for health, if expired in a wrong way.

1. Technical and general features (related to 20°C working temperature)

Power Supply :	230 Vac 50/60 Hz	Supported sensors :	X15C sensor, X11 sensor
Contacts Capacity :	10 A@250 Vac	Protection Degree :	Ip55
Dimensions :	100 x 100 x 60 mm	Protective fuse	5x20 fast 3,15 Amp
Wind threshold :	from 7 to 40 Km/h	Working temperature :	from -20°C to +55°C

2. Warnings on installation safety

01. The device must be installed by technical qualified staff so as to comply with the laws in force in your locality.
02. Check that the package is intact and it has not suffered damage in transit.
03. This device is subject by dangerous electric voltage. **Make connections without power supply.**
04. Always connect the ground wire (yellow/green).
05. **Adjust the motor limit switch before connect it to the device.**
06. Manual controls with high voltage, be careful.
07. The installer is forced to arrange a section device on the system (with 3 mm minimum opening contacts).
08. Do not change, open or replace parts without manufacturer's permission..
09. For your safety, it is forbidden to work close to the roller tube with motor supplied.
10. In case of malfunctioning do not keep on trying on controls and warn the technician.
11. Operate on the device with caution, using suitable tools.
12. Check that the power supply line does not depend on circuit for lighting.
13. The device has not a section part, the technician will take care to provide it into the system.
14. Be sure that sensor has been installed on the correct position and well exposed to the wind and that there are no obstacles to the blades rotation.
15. Place rain sensor at about 30/40° slope (see sensor X11 manual).
16. Strictly adjusting the sensor with blades turned upside.
17. Using sensors produced by the same manufacturer, or the warranty will be cancelled.
18. The producer cannot be consider responsible for any damages due to improper, wrong or unreasonable use.

3. Manual Control

The device is provided by one manual control that can be permanent or momentary. Through this control it is possible to manually move the awning. The manual control will be disabled in wind alarm condition.

4 Wind Control

It closes the awning when the wind or rain speed exceeds the set threshold for longer than 3 seconds.

It exits from wind or rain alarm mode after about 8 minutes . During the wind or rain alarm mode, the manual controls are disabled.

How to adjusting wind threshold :

Rotate the trimmer on the device. Threshold is adjustable from 7 Km/h (trimmer completed rotate on the left) to a 40 Km/h (trimmer completed rotate on the right).

The factory sets up the wind threshold at about 15 Km/h.

Wind presence signal :

When the set wind threshold is exceeded, the red led switches on. If this condition continues for at least 3 seconds, the device enters into wind alarm mode and red led flashes for the whole wind alarm time.

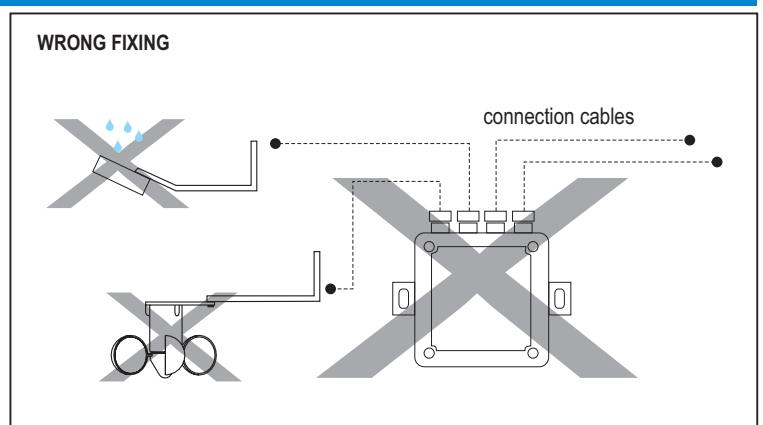
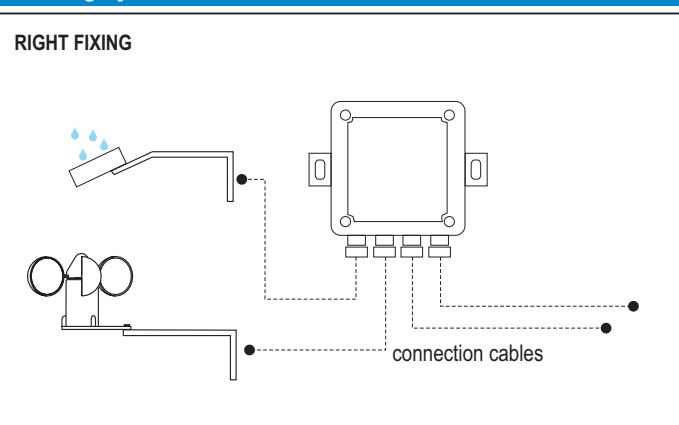
Forced exit from wind alarm mode: once the device is connected and wind alarm is simulated (putting the awning in middle position and rotating the sensor blades) it can be possible to exit from alarm condition without waiting 8 minutes. Hold key RESET since led (flashing during the alarm) switches off (about 5 seconds).

5. Rain Control

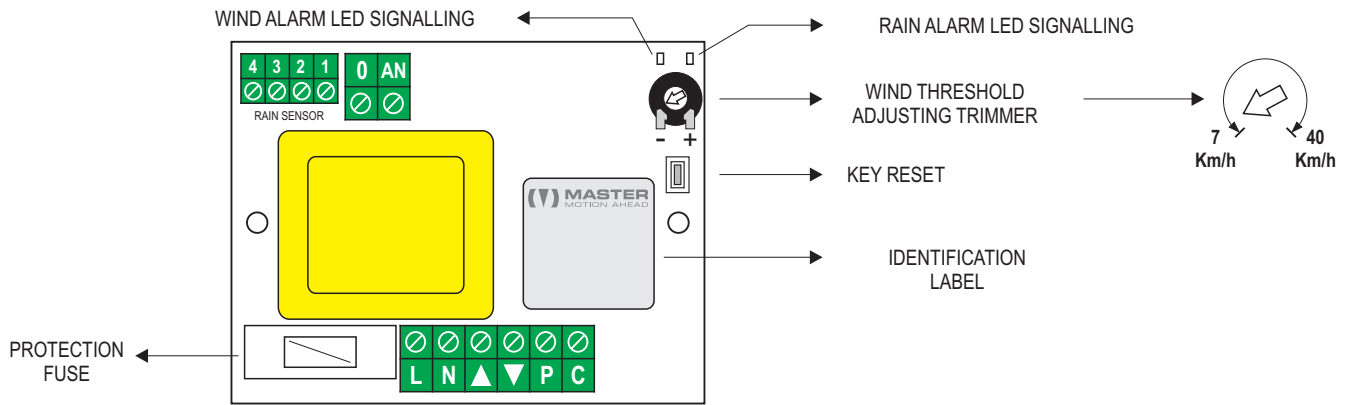
It closes the awning when it notices presence of rain longer than 3 seconds.

It exits from rain alarm mode after about 8 minutes without rain . During the rain alarm mode, the manual control is disabled.

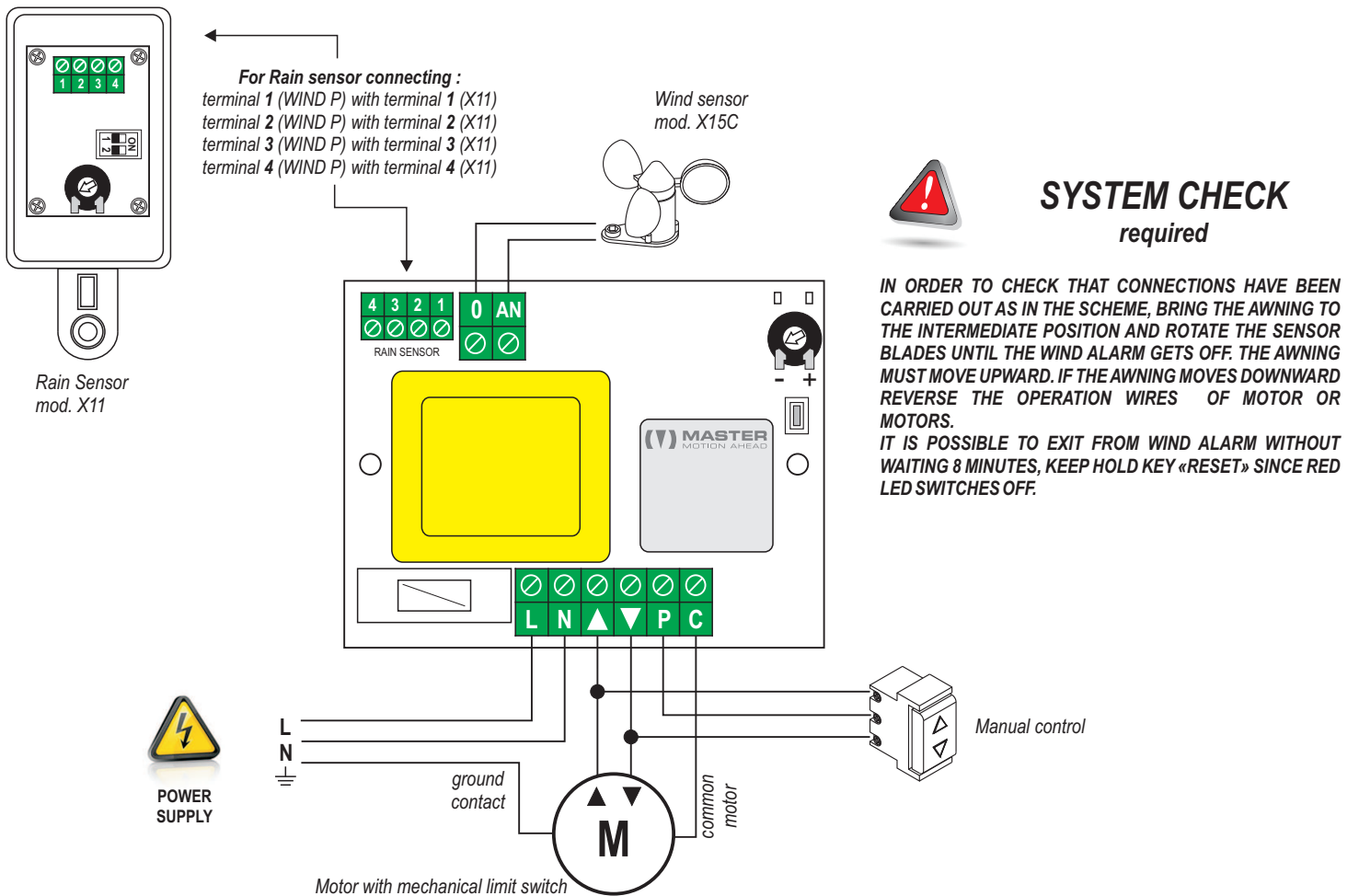
6. Fixing System



7. Device Scheme



8. Electric Connection Scheme



9. Connection scheme between WIND P and grouping modules

