

Instruction guide : compact wind control for 1 motor

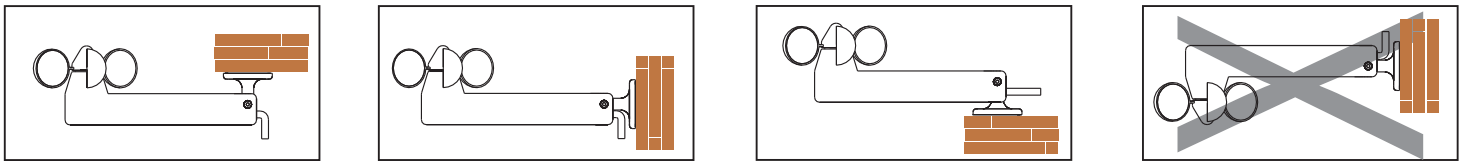
WARNINGS

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 COMPACT is a wind safety device, with high voltage controls, for awnings, screens or similars. This device rolls up the awning when the wind 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.

FIXING SYSTEM



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

Power supply :	120-230 Vac 50/60 Hz	Wind threshold :	from 10 to 35 Km/h
Contacts capacity :	10 A@250 Vac	Consumption at rest :	< 1 W
Dimensions :	220 x 45 x 85 mm	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. **Carry out connections without power supply.**
04. Always connecting the ground wire (yellow/green).
05. **Adjust the motor limit switch before connecting it to the device.**
06. The installer is forced to arrange a section device on the system (with 3 mm minimum opening contacts).
07. Do not change, open or replace parts without manufacturer's permission.
08. For your safety, it is forbidden to work close to the roller tube with motor supplied with power.
09. In case of malfunctioning do not keep on trying on the control and warn the technician.
10. Operate on the device with caution, using suitable tools.
11. Check that the power supply line does not depend on circuit for lighting.
12. The device has not a section device, the technician will take care to provide it into the system.
13. 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.
14. Strictly adjusting the sensor with blades turned upside.
15. Use sensors produced by the same manufacturer, or the warranty will be cancelled.

3. Power supply

The device can be supplied by 120-230 Vac voltage and 50/60 Hz frequency. The power supply must be applied to L and N terminals. Strictly keep to power supply phase (L) and neutral (N).

4. Manual control connection

The manual controls can be permanent or momentary. If you use a permanent manual control and keep it in the lower position, on the coming out of the wind alarm mode, the device will put the awning back in the lower position. If you use a momentary manual control, on coming out of the wind alarm mode, the awning will stay in the raised position, so keeping the awning protected.

5. Wind control

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

It exits the wind alarm mode when about 8 minutes have elapsed since the last gust above the threshold. While in wind alarm mode, the manual controls are disabled.

Wind presence signal :

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

Forced exit from wind alarm mode :

Once the device connected and the wind alarm simulated (bring the awning to middle position and rotating the sensor blades) it can be possible exit from alarm condition without waiting 8 minutes. Hold key «1» since red led (flashing during the alarm) switches off (about 5 seconds).

How to change Wind threshold :

1. Bring the awning to middle position.
2. Hold key «1», since the awning moves upward.
3. The number of upward movements of the awning indicates the wind threshold currently set up.
4. If the threshold is the desired one, after about 8 seconds the awnings operates a number of upward movements and the device will exit from the setting.
5. If you want to change the currently set wind threshold, press and release key «1» the same number of times as the number of threshold you want, according to the table. After about 8 seconds the awning operates the same number of upward movements as the number of the threshold set up.

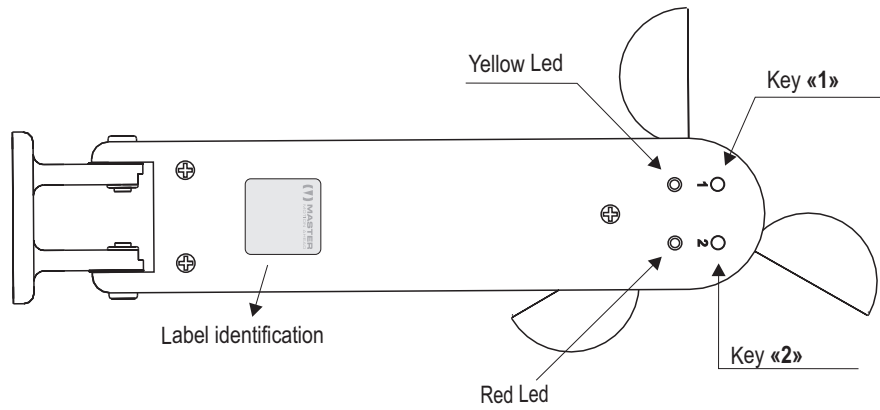
N.B. : In case of unsuccessful Wind threshold storage, repeat again the operation.

Factory
Setting

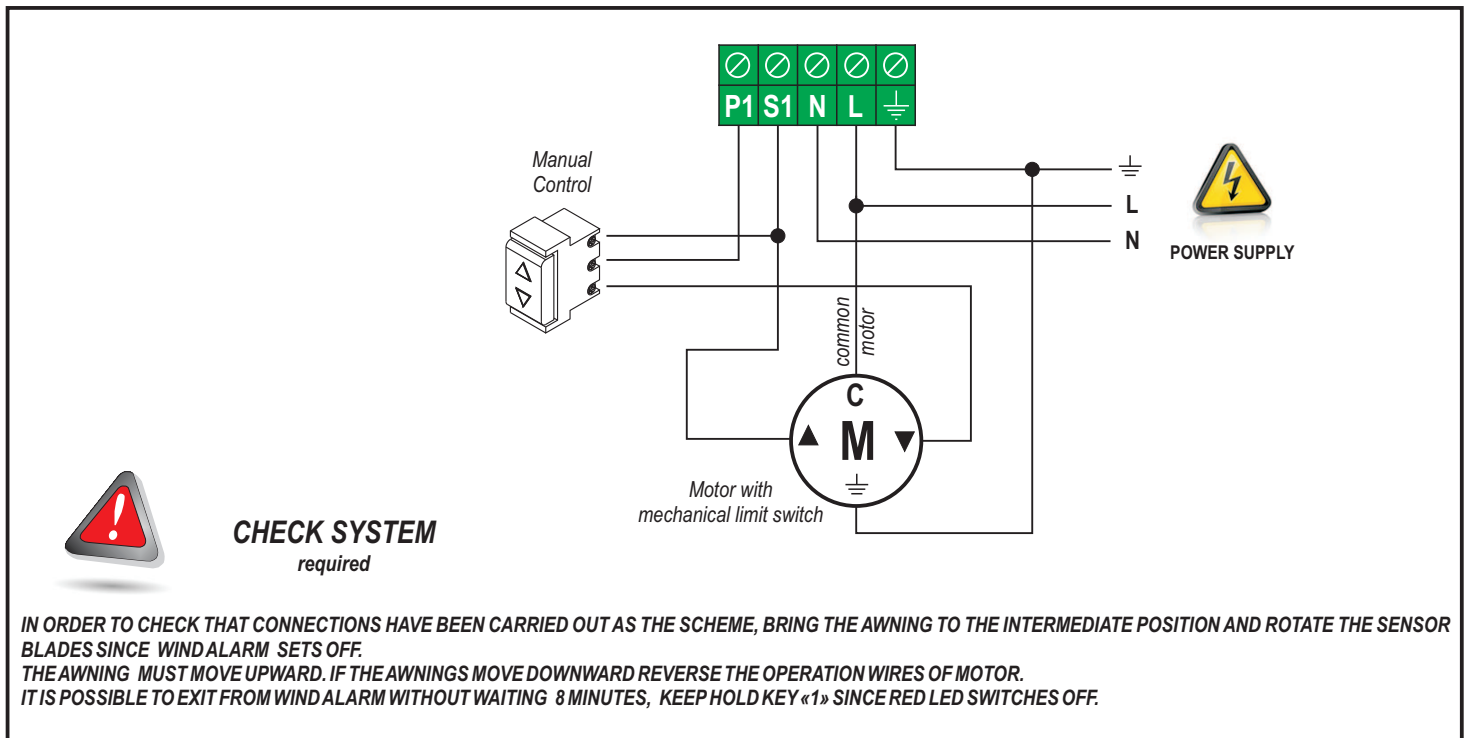
Motor movements number	Wind Threshold Value
1	10 Km/h
2	15 Km/h
3	20 Km/h
4	25 Km/h
5	30 Km/h
6	35 Km/h




6. Device Scheme



7. Electric Connection Scheme



8. 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. For that is forbidden dispose the product with the domestic waste..