

**ELCA**

# WIND 2

**ELCA snc**

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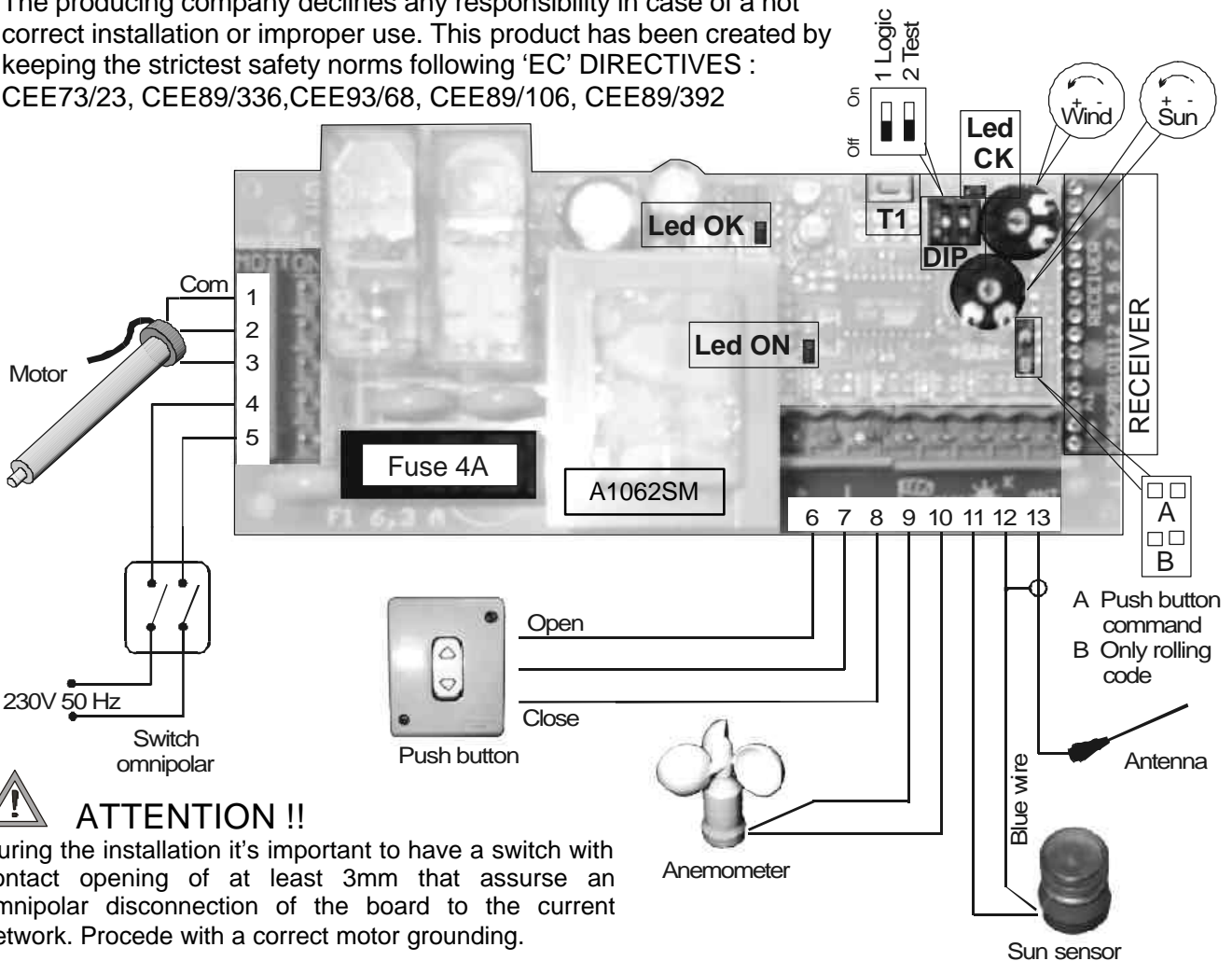
Control board for the automation of awnings and blinds



## FOLLOW THESE INSTRUCTION CAREFULLY !!!

This manual contains very important instructions for the installation and use of this control board mod.WIND2 , do not install before reading this manual, the security of the product depends on a correct installation . The producing company declines any responsibility in case of a not correct installation or improper use. This product has been created by keeping the strictest safety norms following 'EC' DIRECTIVES : CEE73/23, CEE89/336, CEE93/68, CEE89/106, CEE89/392

REV. 0



## ATTENTION !!

During the installation it's important to have a switch with contact opening of at least 3mm that assure an omnipolar disconnection of the board to the current network. Proceed with a correct motor grounding.

## TERMINALS CONNECTION

**12-13** = antenna (terminal n 13 = signal)

**11-12** = sun-sensor (terminal n 12 = bleu cable) if the dip n 2 = OFF will give the opening command after 2 minutes that the sun has overcome the threshold and it will give the closing command after 20 minutes that the sun is under threshold (shade)

**9-10** = connection anemometer (protection against the wind)

**8-7** = push- button for closing

**6-7** = push- button for opening

**4-5** = **power-feed 230v-50hz**

**1-2-3** = motor connection Max 500 W terminal n 1 = common

- box size :135\*70\*45 mm

## FUNCTIONS

**WIND 2** allows to control awnings with the anemometer (protection against wind) and sun sensor . WIND-2 has two regulations to set wind and sun intensity.

The anemometer has the maximum priority on every other commands , while the sun-sensor has the same priority of push-buttons.

The radio receiver is removable and allows to memorize 41 standard codes or 31 rolling-codes . Some codes memorized can be assigned for open command only, others for close command only and others with function open /close.

The open and close times are 2 minutes, during the movement if you're pressing one of the two push-buttons the movement stops.

### A – RADIO CODE PROGRAMMING

The button 'T1' allows to select the function which is combined to a radio-code:

A-1 If you press T1 the OK led is turn on fixed, ((the codes memorized in this position will have the function of open/stop/close)) . If you send a code with the transmitter the OK led turns off for 1 second, this confirm that the code is memorized.

A-2 If you press again T1 the OK led is flashing slowly ((the codes memorized in this position will have the open function only)) If you send a radio code the OK led stops for 1 second, this confirm that the code is memorized.

A-3 If you press again T1, the OK led is flashing quickly ((the codes memorized in this position will have the close function only)) If you send a radio code, the OK led stops for 1 second, this confirm that the code is memorized

A-4 IF YOU PRESS AGAIN T1 THE OK LED TURNS OFF AND THE BOARD GOES OUT FROM THE PROGRAMMATION.

A-5 CANCELLATION ALL CODES : Switch off and switch on the board meanwhile pressing the button T1

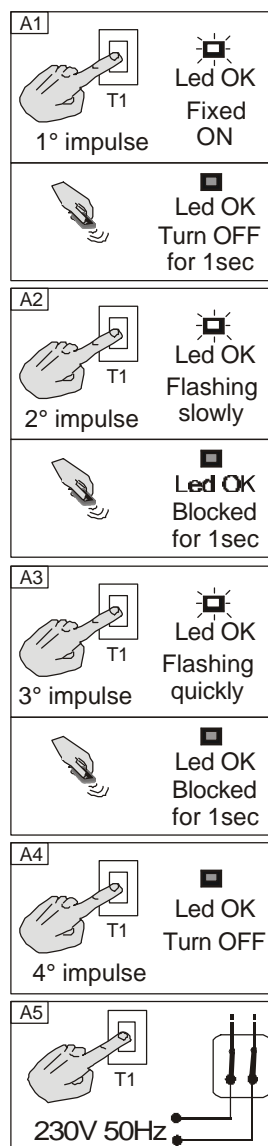
During the normal functioning the OK led turns on for a second every time a code has been received correctly.

ATTENTION: you can program a lot of codes for ONE function only or a lot of codes for all three functions.

### B - DIP SWITCH

B-1 The ON position allows the awning's automatic opening after 12 minutes that the wind alarm is finished, (if the sun sensor is connected the opening will be possible only if the sun intensity is over the threshold chosen)

B-2 The ON position allows to reduce the opening times from 12 minutes to 15 seconds and the sun sensor intervention to 10 seconds (it's useful to reduce test times during the board installation).



## C - BRIDGES

C-1 = If a solder bridge across point A the movement stops only if you give an opposite command to the motor's movement.

C-2 = With bridge A = open , in this case when the motor is moving any command make a stop.

C-3 = If a solder bridge across point B can be received and memorized only rolling codes (in safety receipt is recommended in presence of strong radio troubles).  
With bridge B can be received standard codes or rolling codes.

## LEDS

ON = the board is power on

OK = It signals the programming's procedures and the radio codes's reception

CK = When it's flashing it signals that the wind is over the threshold (wind presence)

When it's turn on it signals that the sun is over the threshold (sun presence)

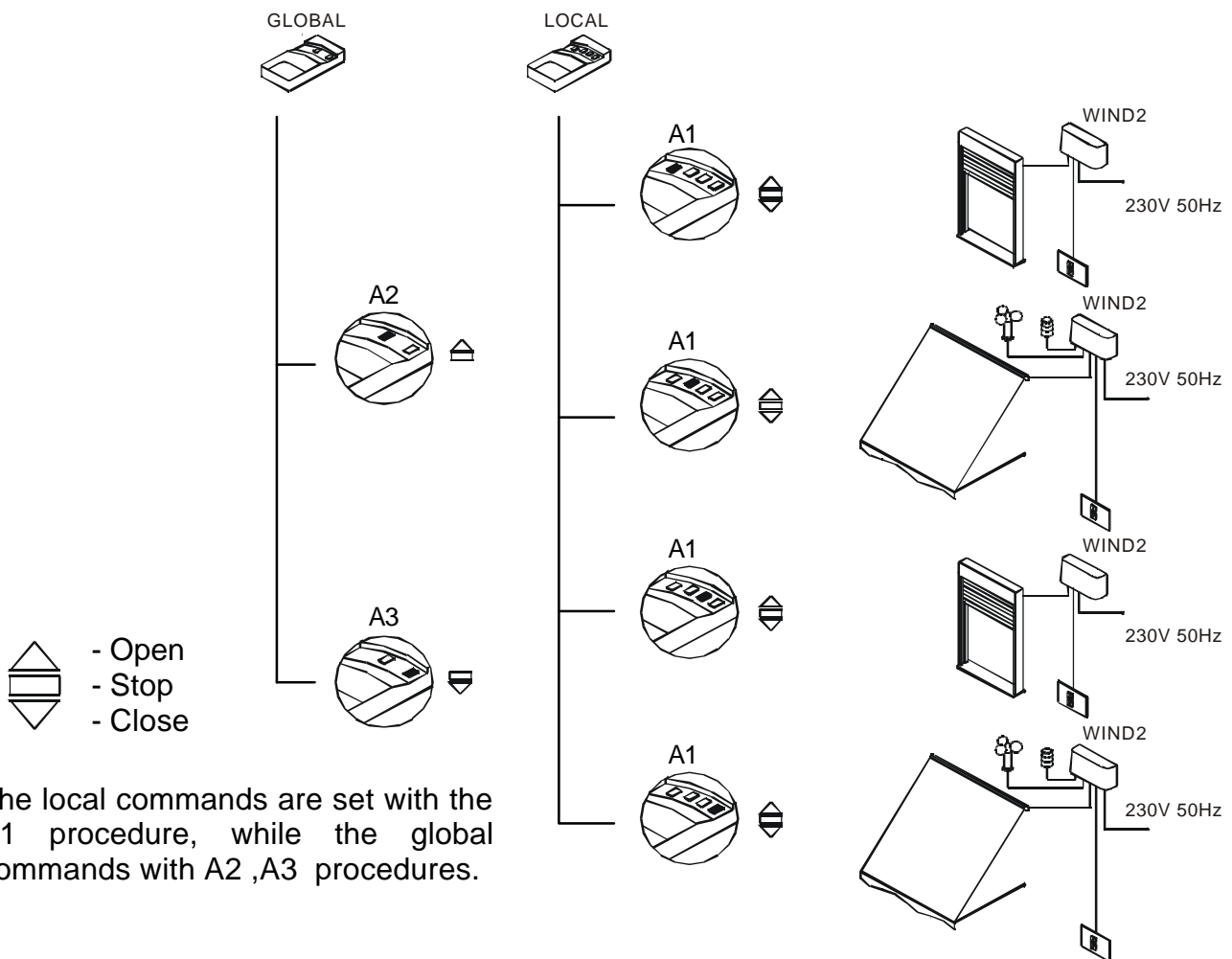
When the wind and the sun are both over the threshold , the wind has more priority than sun and led flashing.

## TRIMMER

SUN = It regulate the threshold of sun-sensor intervention

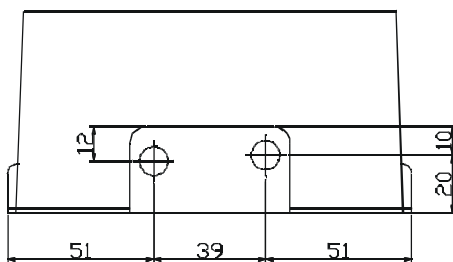
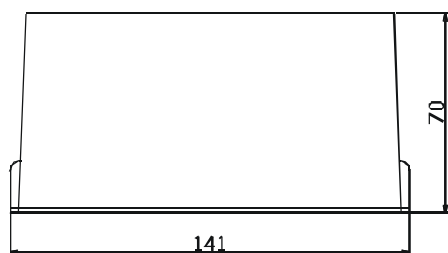
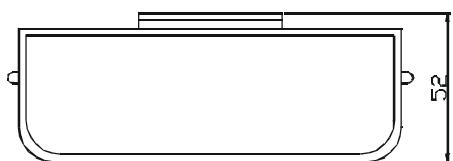
WIND = It regulate the threshold of wind-sensor intervention from 5 km/h to 50 km/h

## EXAMPLE OF RADIO CODIFIED



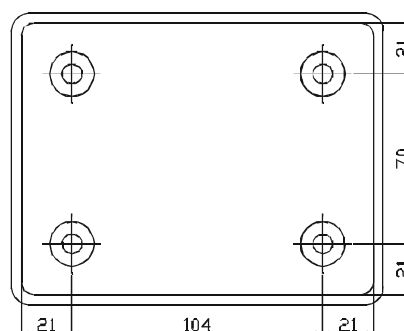
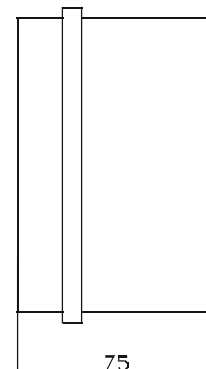
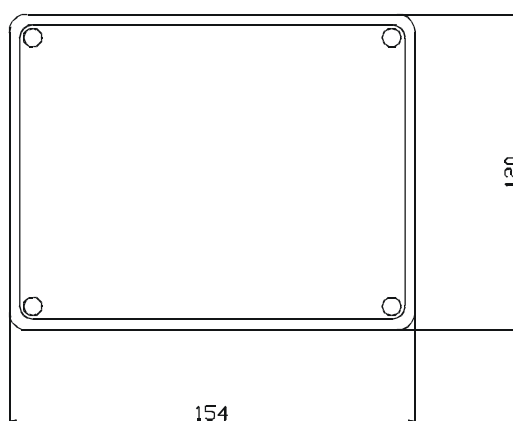
## FIXING MEASUREMENTS

Box (standard)



Dimensions (mm)

Box 206 (if you ask)



## WARRANTY

ELCA devices and accessories are guaranteed for a period 24 months after production, whose date is printed on each items . ELCA will replace or repair its devices, provided that they are returned to our plant. In order to check the actual functioning of the returned pieces, they will remain the property of the manufacturer. The warranty does not include damages due to any incorrect use such as: non fulfilment of the instructions detailed for each device. Moreover, warranty does not cover any damage due wrong tension supply and any other reason for which the manufacturer cannot be made responsible. Any device returned must be delivered to ELCA with carriage paid will be back with freight collect. Warranty validity ceases in case of the customer's non fulfilment of payment. ELCA declines all responsibility for the non observance of the safety rules by part of the installer.