

703

COMMAND UNIT FOR 1 MOTOR 230 VAC, SUN AWNINGS RAIN AND WIND CONTROL



MANUAL OF INSTALLATION



ENGLISH

Versione 1 31.03.2015

1.0 CONSTRUCTION AND REGULATORY REFERENCES

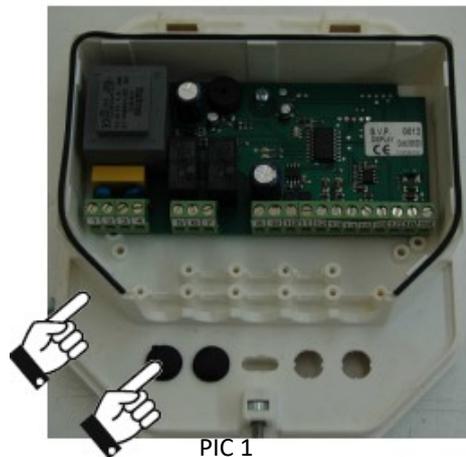


WARNING: READ CAREFULLY THE FOLLOWING INDICATIONS, THE FAILURE TO RESPECT TO SOME OF THESE, CAN 'DRAW THE WARRANTY ON THE PRODUCT.

- 1) During the wiring operations, **STRICTLY RESPECT** the connection diagram, a connection **ERASE CAN CAUSE DAMAGE** to the system.
- 2) **DO NOT USE**, for the control, switches to STABLE position.
- 3) **DO NOT EXCEED** 50 meters of cable between the **CENTRAL** and the **SENSORS**.
- 4) the cable entry **MUST BE POSITIONED** in the **LOWER** part of the container through the cable glands in the accessory package (PICTURE 1)
- 5) place the control unit in a suitable place, possibly near the motor.
- 6) The central controls of the control unit are **DEAD MAN**. Use a **STABLE SWITCH** or a **BUTTON**. The command inputs are in **VOLTAGE**.

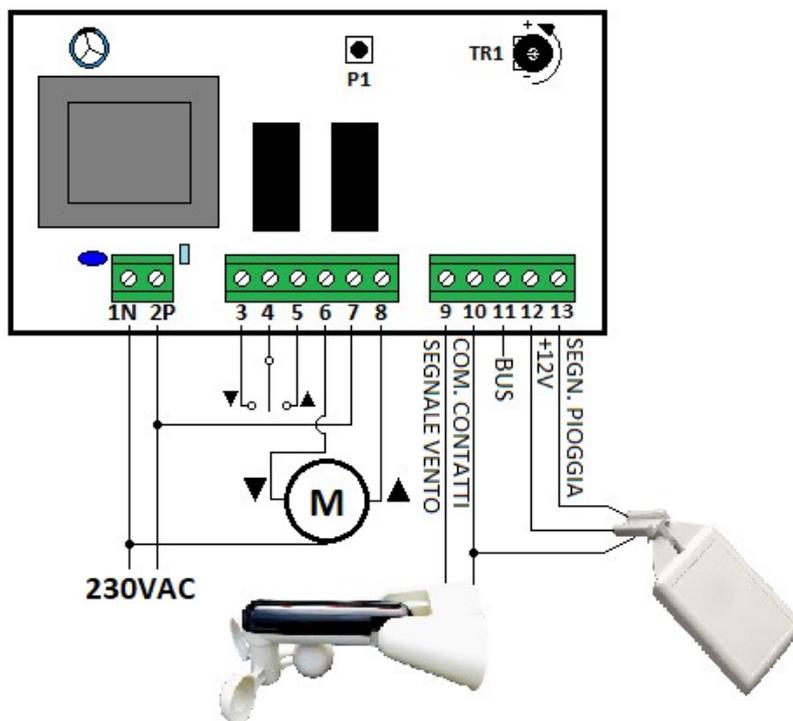
2.0 TECHNICAL FEATURES

PARAMETERS	703
POWER SUPPLY	230 VAC/50Hz
MAXIMUM OUTPUT CURRENT	2,25 A / Cos 0,45
OPERATING TEMPERATURE	-20 / +70°C
PROTECTION FUSE	PTC restorable
TIME OF WORKING	2 MIN
WIND THRESHOLD	0 — 45 Km/h
RADIO CONTROL FREQUENCY	-
CALSS OF PROTECTION	IP 54
DIMENSIONS	160 x 140 x 46 mm



PIC 1

2.1 PRODUCT COMPOSITION AND SCHEME CONNECTION



P1 (RESET BUTTON): used to reset the status of ALARM (wind or rain). Press it and keep it pressed until the ALARM status is exited

BUS LINE: for connection with MA (additional module)

2.2 CONNECTION INPUTS AND OUTPUTS

POWER CONTROL UNIT

	1	NEUTRAL (N)
	2	PHASE (P)

COMMAND BUTTONS

	3	DESCENT COMMAND
	4	COMMON BUTTONS
	5	CLIMB COMMAND

MOTOR

	6	MOTOR 1 DESCENT
	7	CONNECT WITH MORS. 2, CONNECT COMMON MOTOR WITH MORS. 1
	8	MOTOR 1 CLIMB

WIND SENSOR

	9	SIGNAL (BROWN 905/935)
	10	COMMON (BLU 905/935)

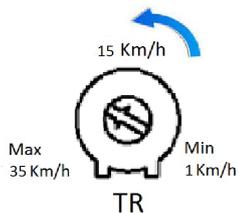
BUS LINE CONNECTION

BUS	10	COMMON
	11	SIGNAL

RAIN SENSOR

	12	+ 12 V (WHITE)
	13	SEGNAL (BLU)
	10	COMUNE (YELLOW)

3.0 REGULATION OF THE WIND TRIMMER AND ALARM



- The TR trimmer is used to regulate the intensity of the WIND, after which the control unit enters the **WIND ALARM, CLOSING** the curtain. It is increased by acting with a screwdriver in an ANTI-CLOCK direction. It decreases by acting in the ORANGE sense.
- In the event there is a **WIND SENSOR CONNECTED** to the control unit, in case of **WIND HIGHER THAN THE SET THRESHOLD**, the control unit will send a **CLOSING ALARM** command to the awning.
- In the case of **WIND ALARM**, the status of the LEDs is as follows: **RED FLASHING LED**.
- **THE WIND ALARM INHIBITS** the control panel from **ANY COMMAND**.
- **THE WIND ALARM**, remains **ACTIVE for 8 MINUTES** from the last detection of **EXCEPTION OF THE SET WIND THRESHOLD**.
- Nothing happens if the wind sensor is not connected.

3.1 RAIN ALARM

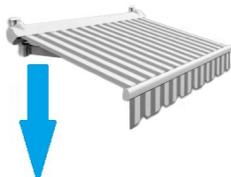
In the event that there is a **RAIN SENSOR CONNECTED** to the control unit, in case of **RAIN**, the control panel will send a **LOC-KING ALARM** command to the awning

- The **RAIN SENSOR** is **CAPACITIVE** type, **DOES NOT DETECT HUMIDITY** but the **MASS** of the rain (to test the correct functioning of the sensor just bring a hand to the sensor).
- in the case of **RAIN ALARM**, the status of the LEDs is as follows: **FLASHING RED LED**.
- **THE RAIN ALARM INHIBITS** the control panel from **ANY COMMAND**.
- **THE RAIN ALARM**, remains **ACTIVE FOR 8 MINUTES** from the **LAST** detection of **RAIN STATE**.
- The **RAIN** sensor has the **PRIORITY** on the **SUN** sensor, it **DOES NOT HAVE THE PRIORITY** on the **WIND** sensor.
- **IF YOU DO NOT CONNECT A RAIN SENSOR, THE RAIN STATUS CAN NOT START**.

3.2 VERIFICATION OF THE CORRECT SYSTEM FUNCTION



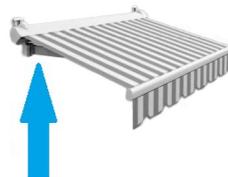
1) POWER the control unit



2) Bring the awning to half way



3) Bring the wind trimmer to a pos. minimum and let FAST ROTATE the sens. of the wind.



4) The awning WILL HAVE TO RETRIEVE. If this is not the case, it is NOT TO REVI-SE ENGINE UP with ENGINE DESCENT and repeat from p. 1.



5) REMOVE VOLTA-GE and FEED the control unit. Adjust the trimmer to the desired position.



6) VERIFICATION OF THE CORRECT FUNCTIONING MADE

4.0 WASTE DISPOSAL

This product is integral part of the automation, and therefore you/he/she must be digests together with it.

As for the operations of installation, also at the end of the life of this product, the operations of dismantlement must be perform from personal qualified.

This product is constituted by various types of materials: some can be recycled, others must be digest. Inform you on the systems of recycling or disposal anticipated from the in force rules on your territory, for this category of product.

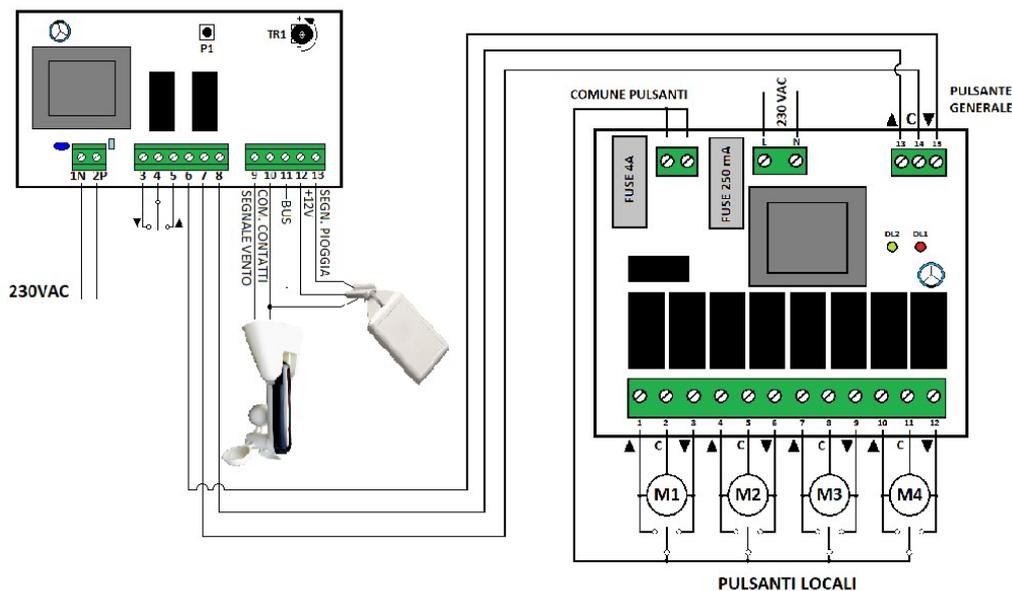
Attention! Some parts of the product can contain polluting or dangerous substances that, if dispersed in the environment, you/they could provoke harmful effects on the same environment and on the human health.



As pointed out by the side symbol, it is forbidden to throw this product in the domestic refusals. To perform therefore her "separate harvest" for the disposal, according to the anticipated methods from the in force rules on your territory, or to redeliver the product to the seller in the moment of the purchase of a new equivalent product.

Attention! The in force rules to local level can foresee heavy sanctions in case of unauthorized disposal of this product.

5.0 CONNECTION OUTPUTS CLEAN CONTACTS



The control unit 703 also allows the possibility to exploit the command output to CLEAN CONTACTS, rather than in voltage (for the management of other control units).

To use the control unit with CLEAN CONTACTS, connect the control unit as shown in the diagram opposite

6.0 DECLARATION OF CONFORMITY TO EU DIRECTIVES

DECLARATION OF CONFORMITY (Directive 89/392 EEC, Annex II, Part B)

S. G. Elettronica srl declares that the plants:

08880718 / 08880718R / 08880718RW

They comply with the standards set by the 89/336 / EEC, 92/31 / EEC, 93/68 / EEC directives on electromagnetic compatibility. The following harmonized standards have been applied:

EN 60335-1, EN 60204-1, EN 55014, EN 6100-3-2, EN 6100-3-3, EN 6100-4-2, EN 6100-4-4, ENV 50140, EN 50081-1, EN 50082-1

At the same time declares that it is forbidden to put the aforementioned products into service before the machine to which they will be incorporated or to which they belong, is not identified and is not declared compliant with the conditions required by Directive 89/392 EEC and national legislation application, ie until the material in the subject of this declaration forms a whole with the final machine

Scorzè, 19/10/2018

Signature of the legal representative

Sandro Zottino