

705S / 705 / 705W

CONTROL UNIT

FOR 230 VAC MOTORS, SUN AWNINGS, SHUTTERS, VASISTAS



MANUAL OF INSTRUCTIONS



ENGLISH

Versione 1 31.03.2015

1. INSTRUCTIONS FOR THE SAFETY

WARNING: READ CAREFULLY THE FOLLOWING SAFETY INDICATIONS BEFORE TO START THE INSTALLATION OF THIS DEVICE; THEY ARE USEFUL TO PREVENT ANY ELECTRICAL CONTACT, INJURY AND OTHER PROBLEMS. KEEP THIS MANUAL FOR OTHER CONSULTATIONS.

- The control units for the Vasistas are intended exclusively to the control of the weather for the automatic movement of the windows. The use for applications which are different from the ones indicated must be authorized by the manufacturer, after the technical test of the application.
- After having removed the packaging, check that the device is intact. Plastic bags, styrofoam, small metallic components as nails, clips, etc. have to be kept out of reach of children, because they might be dangerous.
- Before to connect the device, verify that the electrical supply that you use, has the same features indicated in the label with the technical infos, applied on the device.
- The installation of the device has to be made according to the instructions of the manufacturer. Non-compliance with these rules can compromise the safety.
- The implementation of the electrical installation of voltage supply has to be made according to the current rules.
- To avoid any danger of injuries or death caused by the voltage supply, before implementing any operation of wiring or regulation, turn off the voltage from the supply line.
- To assure an effective separation from the net we suggest to install a momentary bipolar switch (button) approved. At the beginning of the command line a general omnipolar switch of supply with input of the contact of at least 3,5 mm, must be installed.
- It is necessary to use material of connection fit to guarantee an isolation according to the actual normative on the electric safety.
- Don't clean or wash the device with solvent or jets of water. Do not immerse into water.
- **Warning:** in case of damage or malfunction, turn off the device from the general switch and call a qualified technician.
- Every repair have to be implemented only by qualified staff in an help centre authorized by the manufacturer.
- Before implementing any operation of cleaning or maintenance, be sure to disconnect the device from the net. For further safety we suggest to remove the electrical connection.
- Request always and exclusively the use of original replacements. The non-compliance with this rule could compromise the safety and undo the benefits of the warranty applied on the device.
- In case of problems or doubts during the intallation of the functioning, address to your retailer of trust or directly to the manufacturer.

2.0 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



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.

2.0 CONSTRUCTION AND REGULATORY REFERENCES

- The control unit 705 has been designed and constructed exclusively for controlling and operating the motors for rolling shutters, awnings and vasistas with mechanical limit switch; any other use is not allowed.
- The electrical connection must comply with the Community rules on electrical installations.
- The 705 control unit is built according to the European Union directives and is certified in conformity with the brand
- All the appliances connected to the control units must be produced according to the regulations in force and comply with the regulations issued by the European Community.

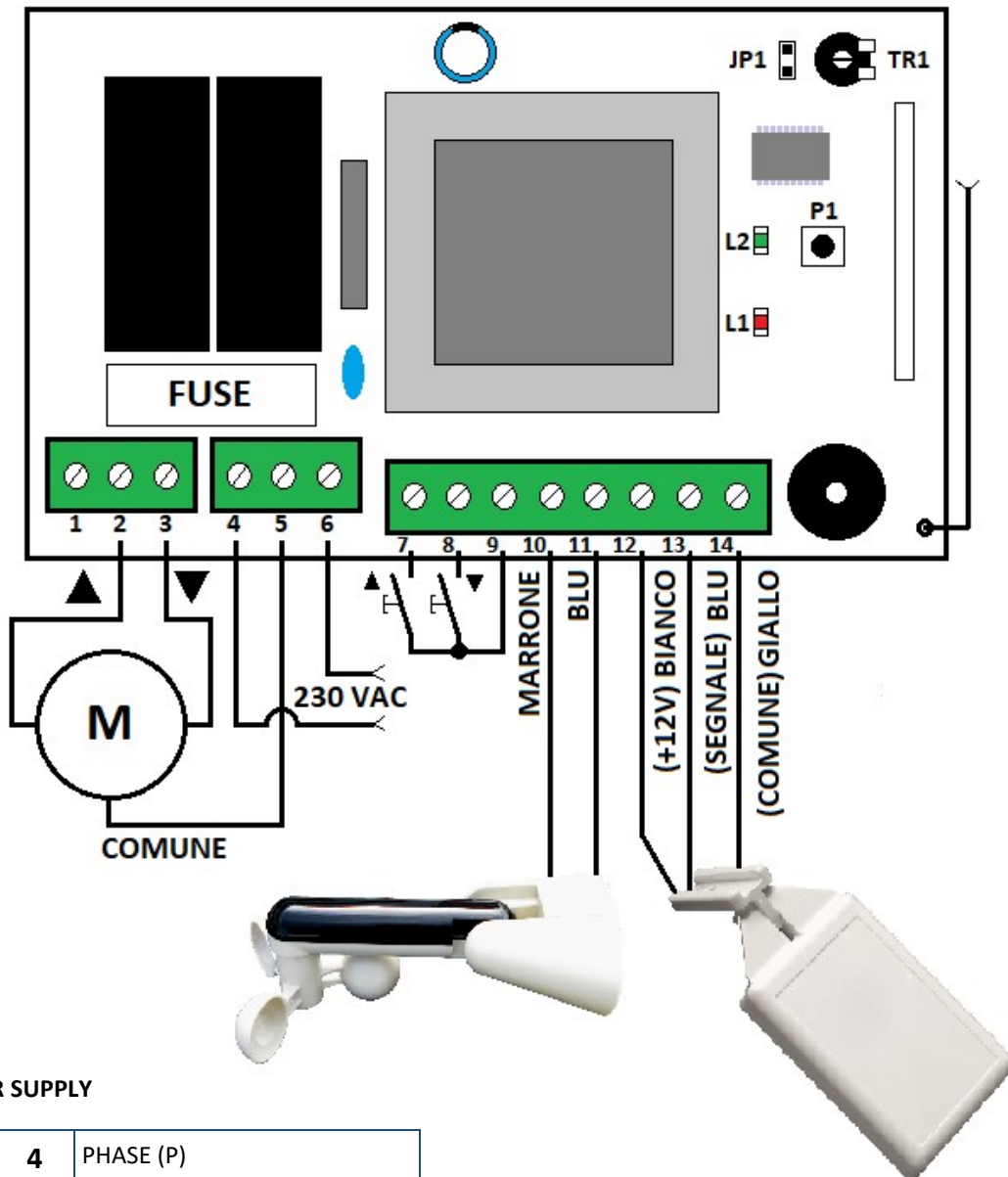
2.1 TECHNICAL FEATURES

PARAMETERS	705
POWER SUPPLY OF CONTROL UNIT	230 VAC/50Hz
RELAY MAXIMUM POWER	250 Vac /6,4 cos φ 0,4
OPERATING TEMPERATURE	-10 / +60°C
FUSE OF PROTECTION	PTC
WORKING TIME	120 SEC
WIND THRESHOLD	1 ÷ 45 Km/h
LEVEL OF PROTECTION	IP 55
DIMENSIONS	160 x 140 x 46 mm


2.2 EMPLOYMENT CHARACTERISTICS

08880705 (SECUR 05): CONTROL UNIT FOR ONE ENGINE, SHUTTERS / VASISTAS OR AWNINGS.

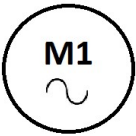
2.3 COMPOSITION OF THE PRODUCT AND ELECTRIC SCHEME



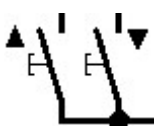
CENTRAL POWER SUPPLY

 230 VAC	4	PHASE (P)
	6	NEUTRAL (N)


MOTOR

 M1	2	MOTOR ASCENT
	5	COMMON MOTOR
	3	MOTORE DESCENT


COMAND BUTTONS

	7	ASCENT COMAND
	8	DESCENT COMAND
	9	COMMON BUTTONS

WIND SENSOR

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

RAIN SENSOR

	12	+ 12 V (WHITE)
	13	SIGNAL (BLU)
	14	COMMON (YELLOW)

3.0 CORRECT ENTRY OF THE CONTROL UNIT

The Secur 05 control unit can be placed in a covered or non-covered civilian environment according to the regulations in force for 230V switching devices with IP55 degree of protection.

How to install the container and anemometer:

- 1) Position the control unit housing near the engine, or in any case in a suitable place
- 2) After unscrewing the screw in the container, open the cover, connect to the board, checking that everything is done correctly before applying power.
- 3) After having powered the control unit, position the blind halfway, turn the anemometer and check that when the alarm is on Red LED flashes the blind goes up (closing). In case it is reversed, invert the wires to terminals 2 and 3.
- 4) Fix the anemometer to the appropriate bracket checking that it is in an optimal position to receive the wind and in a vertical position.
- 5) Perform wind calibration, close the cover and tighten the screws.
- 6) The cable entry must be positioned at the bottom of the container through the cable glands in the accessories package.

3.1 OPERATION

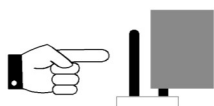
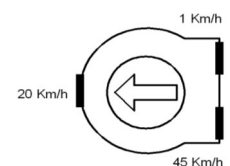
Per comandare la tenda, tapparella o vasistas, si usa la trasmittente in dotazione od un pulsante con ritorno automatico, collegato tra i morsetti indicati nello schema di collegamento. **Vedi schema collegamento**
Ad una pressione di circa 1 secondo, la tenda si muove nel verso richiesto, fino al termine della corsa determinata dal fine corsa del motore.

Nel caso si volesse interrompere la corsa prima del tempo (STOP), è sufficiente premere il pulsante **nel senso inverso rispetto al movimento**

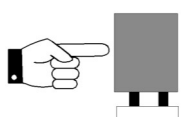
3.2 SENSOR MANAGEMENT

The wind intervention threshold is set by means of a potentiometer located on the board, with the arrow in the clockwise direction corresponding to 1 Km / h and all in an anti-clockwise direction 45 Km / h.

The intervention of the VENTO alarm sends a closing command, blocking the curtain for 8 minutes from any command. At the end of the alarm time, the blind can be opened again.



With the SW1 jumper open, when the wind alarm is over, the awning re-positions itself where it was. If it was open, it will reopen.



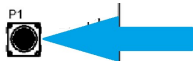
With the jumper SW1 closed, in the event of ascent of the awning due to Wind alarm, the awning remains closed. To open it again, you must send an opening command.

At least 120 seconds must elapse, from the end of the opening, before the wind intervenes, for the eventual automatic re-opening to occur. If the wind intervenes before 120 seconds, the curtain remains closed. The control unit is delivered by default with the bridge closed.

RAIN

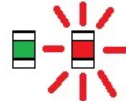
In the event of a rain alarm (if there is a sensor connected), the control panel sends a CHISURE command. **The automation remains closed for the entire time of the RAIN alarm: 8 minutes.**

3.3 TRANSMITTER MEMOTIZATION (705W)



1) PRESS and RELEASE the P1 PROGRAMMING key 1 TIME.

L2 L1

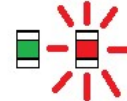


2) The RED LED L2 will emit a FIXED light, the buzzer will emit a long sound.



3) PRESS and KEEP PRESSED the UP key of the TX.

L2 L1

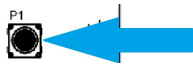


4) RED LED L2 will FLASH to indicate that CH1 has been memorized, the buzzer will sound intermittently



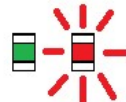
5) PROGRAMMING OF THE TX MADE

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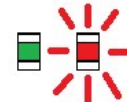


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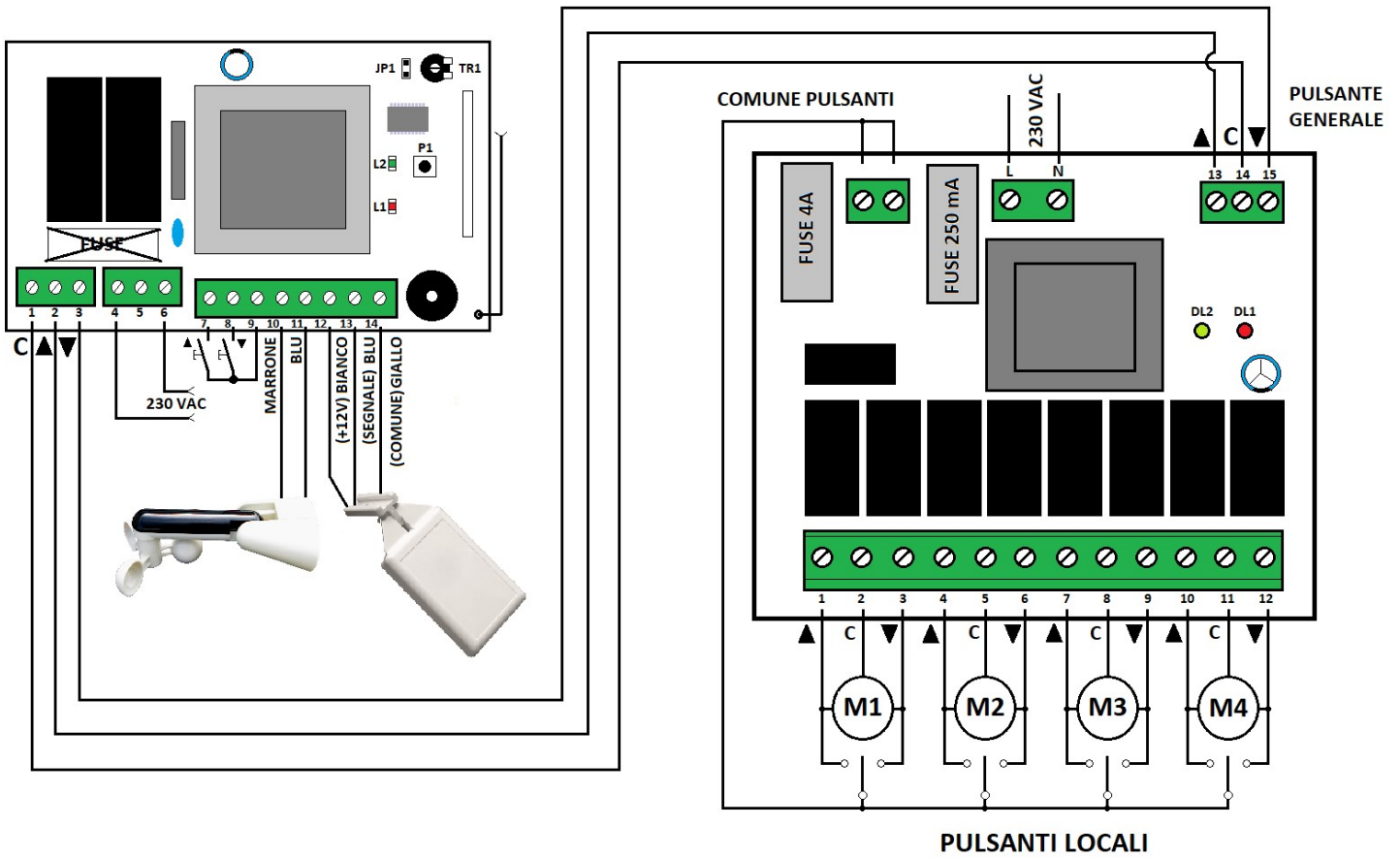


5) PROGRAMMING OF THE TX MADE

3.4 MEMORY RESET

To remove all coded transmitters from the memory of a control unit, simply hold down the SP2 button for 10 ÷ 15 seconds, until the red LED flashes.

3.5 USE WITH OUTPUT TO CLEAN CONTACTS



To connect another control unit, make the connection as above, the common goes to terminal 1, terminal 5 is not used, and the fuse must be removed.

4.0 DECLARATION OF CONFORMITY TO EU DIRECTIVES

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www.almot.it - info@almot.it

DECLARATION OF CONFORMITY

(directive 89/392 CEE, annexe II, part B)

S. G. Elettronica srl declares that the control unit:

08880775 / 08880775 / 08880705W

It complies with the provisions of 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 beforementioned 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, or rather until the material in the subject of this declaration forms a whole with the final machine

Scorzè, **08/05/2015**

Signature of the legal representative

Sandro Zottino

