

## 875N

### CONTROL UNIT

FOR 230 VAC MOTORS, AWNUNGS, SHUTTERS, SCREENS, VASISTAS, LIGHTS



## MANUAL OF INSTRUCTIONS



ENGLISH

Versione 1 10.05.2018

## 1. SAFETY INDICATIONS

**WARNING: READ THE FOLLOWING SAFETY INSTRUCTIONS CAREFULLY BEFORE STARTING THE INSTALLATION OF ONE OF THESE APPLIANCES; THEY ARE USEFUL TO PREVENT DAMAGES, ELECTRIC CURRENT CONTACTS, SLOTS AND OTHER PROBLEMS. KEEP THIS MANUAL FOR OTHER CONSULTATIONS.**

These control units are intended exclusively for the operation of gearmotors for awnings, roller shutters, trays, screen, or light control. Use for applications other than those indicated is not authorized by the manufacturer.

- After removing the packaging, make sure the product is intact.
- Any plastic bags, polystyrene, small metal parts of various types must not be left within reach of children as they are potential sources of danger.
- Before connecting the appliance, check that the power supply you use has the same characteristics indicated in the technical data table shown in this instruction.
- These machines are intended solely and exclusively for the use for which they were designed and the manufacturer cannot be held responsible for damage due to improper use.
- The product must be installed according to the manufacturer's instructions. Failure to comply with these recommendations may compromise safety and warranty.
- Installation must be performed by competent and qualified technical personnel. The execution of the electrical power supply system must be carried out in compliance with the regulations in force.
- To avoid the risk of injury or death caused by electric current, switch off the power supply line before performing any wiring or adjustment operation.
- To ensure effective separation from the mains, it is advisable to install a single-pole master switch with contact opening of at least 3.5 mm upstream of the control line.
- Suitable connection materials must be used to ensure insulation in accordance with current electrical safety regulations.
- Do not wash the appliance with solvents or jets of water. Do not immerse in water.
- Attention: in case of breakdown or malfunction switch off the appliance from the main switch and have a qualified technician intervene.
- All repairs must be performed only by qualified personnel of a service center authorized by the manufacturer.
- Before carrying out any cleaning or maintenance operation, make sure you have disconnected the appliance from the mains. For greater safety it is advisable to remove the electrical connections.
- Always request the use of original spare parts only. Failure to comply with this rule may compromise safety and void the warranty benefits applied to the appliance.
- In the event of problems or uncertainties during assembly or operation, contact your dealer or the manufacturer directly.

### 1.1 SMALTIMENTO RIFIUTI

**This product is an integral part of the automation, and therefore must be disposed of together with it.**

As for installation operations, even at the end of this product's life, dismantling operations must be performed by qualified personnel.

This product consists of various types of materials: some can be recycled, others must be disposed of. Find out about the recycling or disposal systems provided for by the regulations in force in your area for this product category.



**Warning!** – Some parts of the product may contain polluting or hazardous substances which, if dispersed in the environment, could cause harmful effects on the environment and human health.



As indicated by the symbol on the side, it is forbidden to throw this product in domestic waste. Then carry out the "separate collection" for disposal, according to the methods required by the regulations in force in your area, or return the product to the seller when purchasing a new equivalent product.



**Warning!** – the local regulations in force can provide for heavy penalties in the event of abusive disposal of this product.

## 2.0 TECHNICAL FEATURES

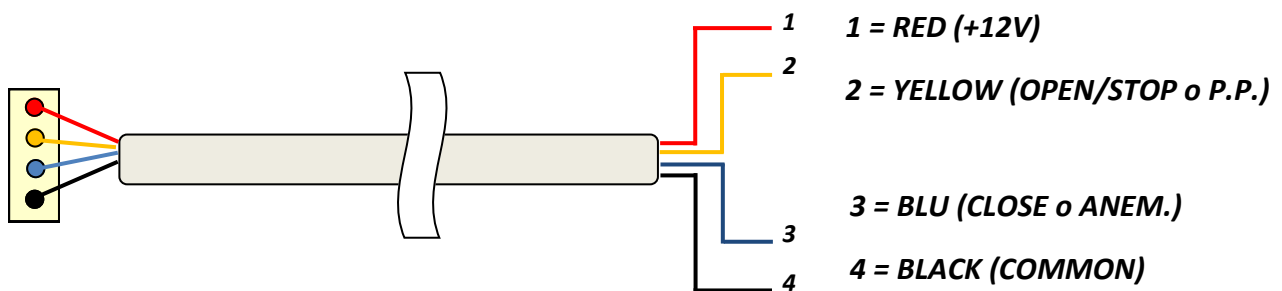
PARAMETERS	875N
POWER SUPPLY	230 VAC/50Hz
MAXIMUM OUTPUT CURRENT	500 W
OPERATING TEMPERATURE	-20 / +70°C
PROTECTION FUSE	PTC
WORKING TIME*	40/60/120 SEC
WIND THRESHOLD	12—25—35 Km/h
MAX MEMORIZABLE REMOTE CONTROLS	15
RX RADIO FREQUENCY	433,92 Mhz
CLASS PROTECTION	IP 55
DIMENSIONS	175x37x25

**08880875:** control unit for shutters, awnings, vasistas, screens and lights.

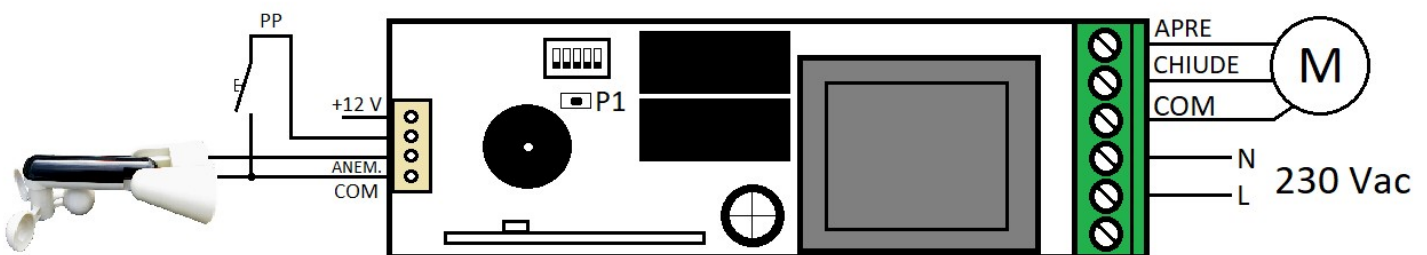
**\*Working time:**

- **Vasistas:** 40 / 120 Sec.
- **Shutter / screen:** 40 / 120 Sec.
- **Awning:** 60 / 120 Sec.

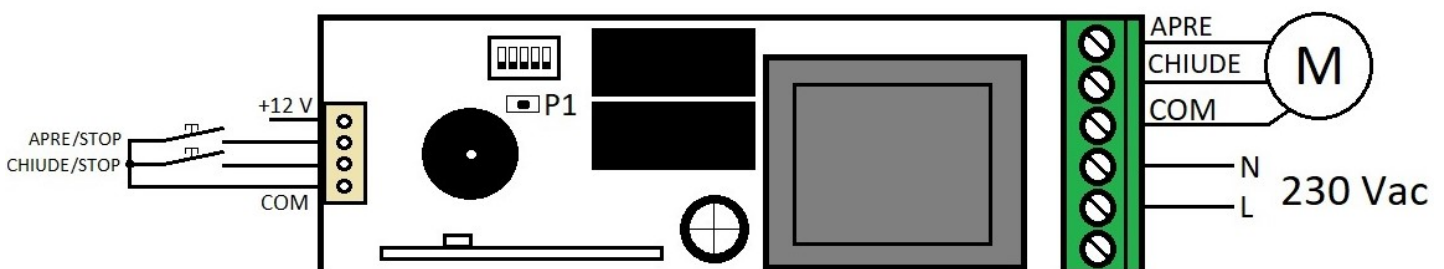
## 2.1 PRODUCT COMPOSITION AND CONNECTION SCHEME



### CONTROL UNIT 875N



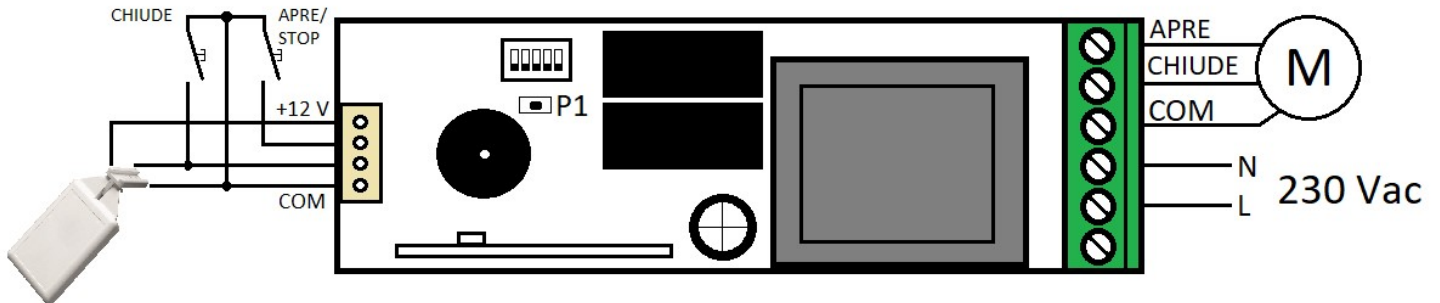
Impostazione: **TENDA DA SOLE**



Settings: **SHUTTER/SCREEN**

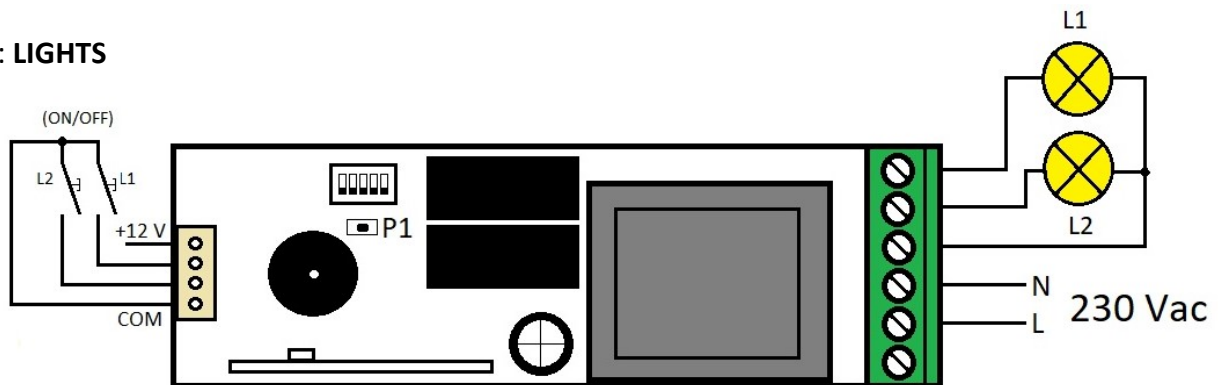
## 2.1 PRODUCT COMPOSITION AND CONNECTION SCHEME

### CONTROL UNIT 875N



Impostazione: **VASISTAS**

### Settings: **LIGHTS**



**ATTENTION: USE THE LIGHT MODE IF THERE ARE LIGHTS, RISK OF CENTRAL DAMAGE IF YOU CONNECT ENGINE**

## 2.2 DIP SWITCH 875N FUNCTIONS

DIP 1	DIP 2	DIP 3	FUNCTION
OFF	OFF	OFF	<b>AWNING</b> SETTING: ANEMOMETER INPUT and STEP BY STEP INPUT. Work time <b>60</b> seconds. WIND THRESHOLD ADJUSTMENT FROM TX
ON	OFF	OFF	<b>VASISTAS</b> SETTING : RAIN SENSOR INPUT and OPEN/STOP and CLOSE/STOP INPUT. Working time <b>40</b> seconds.
OFF	ON	OFF	<b>SHUTTERS</b> or <b>SCREEN</b> SETTING INPUT OPEN/STOP and CLOSE/STOP. Working time <b>40</b> seconds.
OFF	OFF	ON	<b>AWNING</b> SETTING : ANEMOMETER INPUT and PASSO PASSO INPUT. Working time <b>120</b> seconds. <b>WIND THRESHOLD ADJUSTMENT FROM TX</b>
ON	OFF	ON	<b>VASISTAS</b> SETTING : RAIN SENSOR INPUT and OPEN/STOP and CLOSE/STOP. Working time <b>120</b> seconds.
OFF	ON	ON	<b>SHUTTER</b> o <b>SCREEN</b> SETTING: OPEN/STOP INPUT and CLOSE/STOP. Working time <b>120</b> seconds. <b>DEFAULT</b> .
<b>ON</b>	<b>ON</b>	<b>OFF</b>	<b>SETTING LIGHTS: INPUTS ON/OFF LIGHT 1 e ON/OFF LIGHT 2.</b>
<b>ON</b>	<b>ON</b>	<b>ON</b>	<b>SETTING LIGHTS: INPUTS ON/OFF LIGHT 1 e ON/OFF LIGHT 2.</b>

## 2.2 DIP SWITCH 875N FUNCTIONS

DIP 4	FUNCTION
OFF	Working time setting <b>STANDARD</b> .
ON	Working <b>TEST</b> time setting (working time will reduce to <b>10—12</b> seconds)

DIP 5	FUNCTION
OFF	IMPULSIVE command buttons functioning.
ON	DEAD MAN command buttons functioning

## 3.0 GENERAL OPERATION RULES

- During wiring operations, strictly following the connection diagram, a wrong connection can cause damage to the system. Follow the scheme best suited to the type of system (**paragraph 2.1**)
- Do not use stable position switches for the control.
- Do not exceed 50 meters of cable between the control unit and the anemometer
- After powering the control unit, position (in case of installation on awning) the awning in the middle of the run, turn the anemometer and check that once the alarm has occurred (red LED flashes), the awning goes uphill (closing). In the event that it goes in the opposite way reverse the wires from the terminal **MOTOR OPENS to MOTOR CLOSSES**.
- Position the anemometer in the optimal position to receive the wind, possibly as close as possible to the tent.
- If during the installation, the continuous opening and closing of the awning, rolling shutter or vasistas blocks the motor, this is not due to a failure of the board, but to the intervention of the thermal protector contained inside the motor. Wait for the engine to cool down and try again.

## 4.0 FIRST TX MASTER REMOTE CONTROL PROGRAMMING (IF TX IS NOT PRESENT IN MEMORY)



1) Power the control unit



2) The motor will perform 2 short opposed maneuvers to indicate that there are no TXs in memory of the control unit.



3) Within a few seconds, press the key at the top left of the TX to be stored.

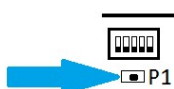


4) the engine will perform two brief maneuvers to indicate that the TX has been memorized.



5) Programming MADE

## 4.1 STORAGE OF A TX FROM 875N CONTROL UNIT



1) With the control unit powered, press and hold the P1 button for 3 seconds and release.

**BEEEEEEP**

2) The control unit will emit a prolonged sound



4) At the end of the sound press the key at the top left of the TX 2/3 times

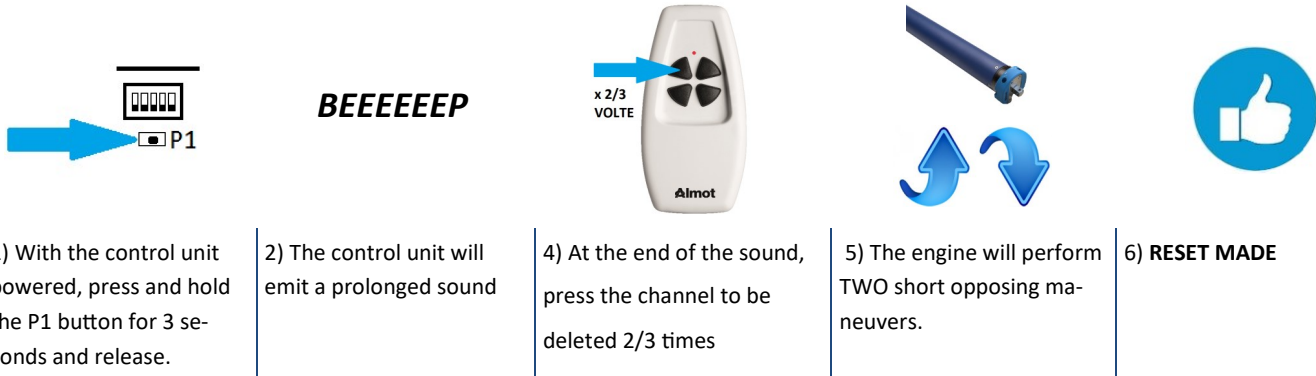


5) The engine will perform TWO short opposing maneuvers.

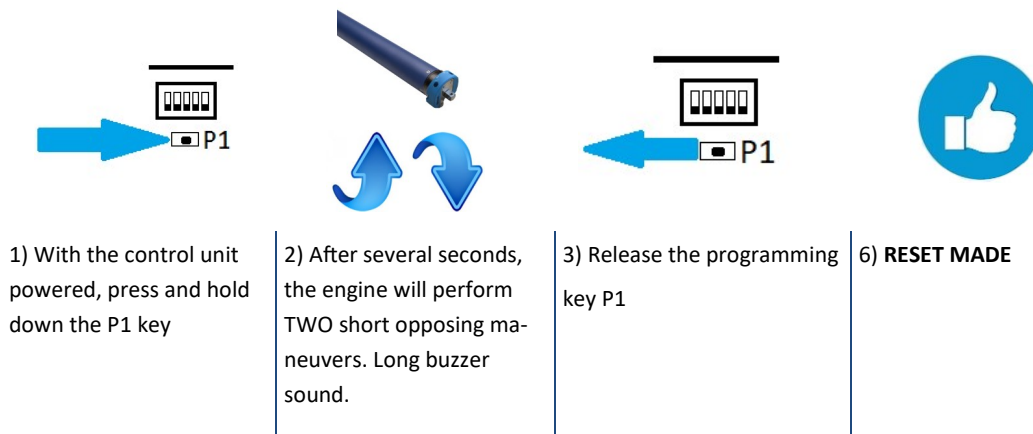


6) PROGRAMMING MADE


## 4.2 CANCELLATION OF A TX FROM 875N CONTROL UNIT



## 4.3 RESET OF ALL TX FROM THE CONTROL UNIT 875N



## 5.0 OPERATION WARNINGS


 **Always connect one control panel at a time, using the remote storage system. This is to avoid accidental storage of other panels.**


## 5.2 WASTE DISPOSAL


This product is an integral part of the automation, and therefore must be disposed of together with it.

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## 6.0 DECLARATION OF CONFORMITY TO EU DIRECTIVES

**S.G. Elettronica S.r.l.** - Via Ferrari 28  
30037 Scorzè, Venezia - ITALY  
P. IVA 02272310273  
Tel. +39 041 5841973 - Fax. +39 041 5841979  
www.almot.it - info@almot.it

### DECLARATION OF CONFORMITY

**(direttiva 89/392 CEE, annesso II, parte B)**

S. G. Elettronica srl declares that control unit:

**08880875N**

They comply with the standards foreseen by 89/336 / EEC, 92/31 / EEC, 93/68 / EEC 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

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

Scorzè, **10/05/2018**

Signature of the legal representative

**Sandro Zottino**

