

USER AND MAINTENANCE MANUAL

Ø 45 mm and Ø55 mm tubular motors with mechanical limit switch and radio receiver 433.42 MHz



Dear Customer, thank you for purchasing a STAFER product. This manual describes the operations necessary for the correct installation of the V6rx.3 / VM6rx.3 / V7rx.3 products. These tubular motors with mechanical limit switches are suitable for handling the most popular types of rolling shutters. The motor's technical specifications are shown on the label affixed to the motor tube. These devices have not been designed for round-the-clock use. Any use of the product other than what is provided herein is improper and prohibited, and involves warranty avoidance and liability disclaimer by the Manufacturer. The product must be assembled and installed only by a qualified technician. At the end of installation, all the manuals accompanying the product must be delivered to the end customer, who must keep them for future reference. Visit the site www.stafer.com to view updated documents, if any.

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Let's protect the environment

Protecting the environment is everyone's duty! STAFER uses recyclable packaging materials. Dispose of materials in proper containers, in compliance with laws in force in your location. If you are an installer and use a large number of motors, ask your dealer or the Company about receiving motors in "honeycomb pads", an environmentally friendly choice that limits clutter and waste by significantly reducing the amount of packaging materials. This product may contain substances that are polluting for the environment and dangerous to health. At the end of the product life cycle, carefully comply with the appropriate waste disposal rules. It is hazardous, and thus strictly forbidden to dispose of the product in the domestic waste.

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VIDEO TUTORIAL YouTube



Notes on radio systems

It is advisable to avoid using radio systems in areas with strong interference (for example, near police stations, airports, ports, banks, etc.). A technical inspection is in any case advisable before installing any radio system in order to identify sources of interference. Radio systems can be used where possible disturbances or malfunctioning of the transmitter or the receiver do not cause a risk factor, or if the risk factor is cancelled by suitable safety systems. The presence of radio devices operating on the same transmission frequency (433.42 MHz) can interfere with the radio receiver of the device and thus reduce the range of the system and limit the functionality of the entire system.

01. TECHNICAL SPECIFICATIONS

The motor's technical features are shown on the label affixed to the motor tube. Before installing the motor, we recommend that you copy the technical data (including the full product name) and store them in a safe place. These data could be useful at the time of maintenance or technical assistance. Additional features common to the V6rx.3 / VM6rx.3 / V7rx.3 motor family.

Power supply	: 230 Vac 50 Hz	Protection grade	: Ip44	Revolving operating time	: 4 minutes
Idle consumption	: < 0,5W	Insulation class V6/VM6rx.3	: H	Radio frequency	: 433.42 MHz
Minimum V6/VM6rx.2 roller diameter	: 50 x 1.5	Insulation class V7rx.3	: F	Storable portable transmitters	: 40
mmMinimum V7rx.2 roller diameter	: 60 x 1.5 mm	Maximum limit	: 28	Storable sun/wind radio sensors	: 1

02. WARNINGS

02.1 Safety warnings

Incorrect installation can cause serious injuries. ● Keep these instructions for future maintenance operations and the disposal of the product. ● All the product installation, connection, programming and maintenance operations must be carried out only by a qualified and skilled technician, who must comply with laws, provisions and local regulations, and the instructions provided herein ● Wiring must comply with current CEI standards. In compliance with the provisions of Italian Ministerial Decree 37/2008, the final electrical system must be installed only by an electrician. ● Some applications require "man present" operation and can exclude the use of radio commands or require particular safety devices. ● To prevent potentially dangerous situations, regularly check the operating condition of the rolling shutter/awning.

02.2 Installation warnings

Check that the package is intact and has not been damaged during transport. ● A heavy shock and the use of unsuitable tools can cause the damage of the external or internal parts of the motor. ● Do not pierce or tamper with the motor in any way. Do not modify or replace parts without the Manufacturer's permission. ● Do not handle the motor by the power cable. If the power cable is damaged, the product cannot be used. Do not attempt to replace the power cable. ● Make sure that screws required to complete the installation do not come into contact with the motor. ● The motor must be of power adequate to the charge (check the rating plate data on the motor). ● Use coilers with a minimum thickness of 10/10. ● Leave 1-2 mm clearance on right/left on the coiler. ● Check that the drive pulley and the adapter crown are of shape and dimensions appropriate for the coiler used. Motor accessories, adapters and supports must be selected exclusively from the STAFER catalogue. ● If the product is installed at a height of less than 2.5 m from the floor or other supporting surface, it is necessary to protect the moving parts with a cover, in order to prevent accidental access. In any case, guarantee access for maintenance operations. ● The power cable must be positioned in such a way as to avoid contact with moving parts. ● The product power cable is suitable for indoor installation only. If installing outdoors, lay the cable in a protective tube. ● If there are several radio appliances in the same system, make sure they are at least 1.5m apart. ● Do not install the product near metal surfaces. ● Position the buttons in view of the rolling shutter, but away from its moving parts. Place the buttons at a height greater than 1.5 m from the floor. ● The motors are designed for residential use; they are designed for a continuous maximum work time of 4 minutes. ● During operation, the motor body reaches high temperatures: use caution. ● The motor is internally fitted with a self-restoring thermal safety device, which stops the motor in the event of overheating. The motor returns to normal operation when its temperature drops below the safety limit (normally from 10 to 15 minutes). ● The motor must be installed in such a way that it does not come into contact with liquids and, in any case, in a location protected from the elements. ● The antenna cable is subjected to mains voltage. It is forbidden and dangerous to tamper with the antenna cable. Replace the product if the antenna cable is damaged. ● For your safety, do not work near the coiler while the motor is powered.

02.3 Use warnings

The product is not intended to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they are supervised or given instructions about the product way of use by a person responsible for their safety. ● Before operating the rolling shutter, make sure that people or things are not in the area affected by the movement of the rolling shutter. Check the automation during operation and keep people at a safe distance until the end of operation. ● Do not allow children to play with the appliance or with control devices. ● Do not operate the rolling shutter when maintenance operations are being carried out (e.g. window cleaning, etc.). If the control device is automatic, disconnect the motor from the power line.

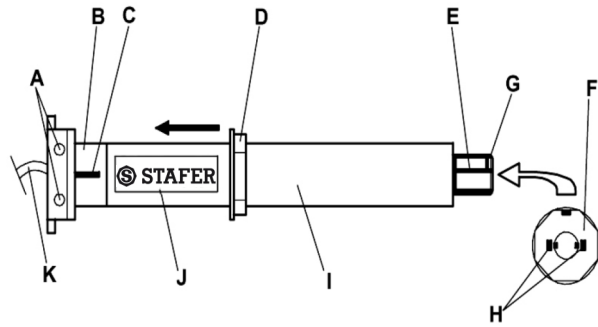


03. CAPACITY TABLES AND MOTOR COMPONENTS

V6RX.3

Model	Torque (Nm)	Rpm	Consumption (W)
V6RX.3 15/13	15	13	125
V6RX.3 27/13	27	13	190
V6RX.3 35/13	35	13	230
V6RX.3 45/13	45	13	290

Model	Torque (Nm)	Rpm	Consumption (W)
V6RX.3 8/17	8	17	105
V6RX.3 12/17	12	17	125
V6RX.3 22/17	22	17	190
V6RX.3 28/17	28	17	230
V6RX.3 38/17	38	17	290

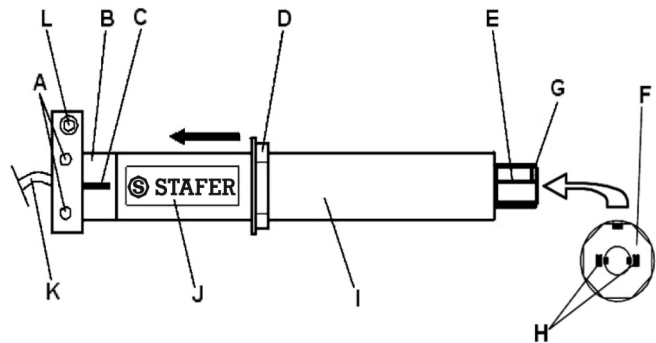


A=limit switch adjustment screws / B=base crown / C=insertion key / D=adapter crown / E=output pinion / F=drive pulley / G=coupling tooth / H=coupling clips (to remove the pulley, widen the clips and pull lightly) / I=gearmotor body / J=nameplate data / K=power cable

VM6RX.3

Model	Torque (Nm)	Rpm	Consumption (W)
VM6RX.3 15/13	15	13	125
VM6RX.3 27/13	27	13	190
VM6RX.3 35/13	35	13	230
VM6RX.3 45/13	45	13	290

Model	Torque (Nm)	Rpm	Consumption (W)
VM6RX.3 8/17	8	17	105
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VM6RX.3 22/17	22	17	190
VM6RX.3 28/17	28	17	230
VM6RX.3 38/17	38	17	290

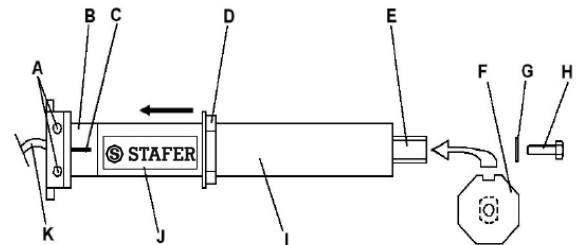


A=limit switch adjustment screws / B=base crown / C=insertion key / D=adapter crown / E=output pinion / F=drive pulley / G=coupling tooth / H=coupling clips (to remove the pulley, widen the clips and pull lightly) / I=gearmotor body / J=nameplate data / K=power cable / L=emergency operation hole

V7RX.3

Model	Torque (Nm)	Rpm	Consumption (W)
V7RX.3 80/12	80	12	375
V7RX.3 100/12	100	12	410
V7RX.3 130/9	130	9	410

A=limit switch adjustment screws / B=base crown / C=insertion key / D=adapter crown / E=output pinion / F=drive pulley / G=washer / H=locking screw / I=gearmotor body / J=nameplate data / K=power cable



04. COMPATIBLE TRANSMITTERS

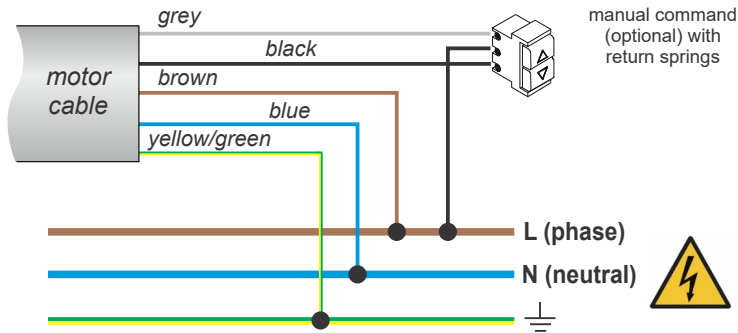
The Rx.3 series motors are compatible with the transmitters of the **596.T.X....** and **595....** series (frequency 433.42MHz).

596.T.X....	595.T.X1.00	595.P.X1.00	595.M.X1.00
<p>Back of the remote control, inside the battery compartment</p> <p>MENU ← PROG</p> <p>orientation button</p> <p>Sun button; sun/wind sensor function</p> <p>function not available with this motor</p>	<p>led</p> <p>led</p> <p>Back of remote control</p> <p>PROG</p>	<p>led</p> <p>led</p> <p>Back of cover</p> <p>PROG</p>	<p>led</p> <p>led</p> <p>Back of button</p> <p>PROG</p>

05. ADAPTER ASSEMBLY

- 1) Insert the adapter crown and, after centering the insertion key, push it to the bottom of the base crown.
- 2) Insert the drive pulley, making the clips correspond to the pinion coupling teeth, until you hear a "click".

06. ELECTRICAL CONNECTION



manual command (optional) with return springs

N.B. If only the button is connected without storing the remote control settings, each time the motor is powered up following power failure, it will enter the "programming" phase and perform 4 movements (paragraph 7, point B).

06.1 Warnings for the electrician

Make all connections with the power supply disconnected. • Check that the power line does not feed on electrical circuits to be used for lighting. • The power line must be equipped with a magnetothermal or differential circuit breaker. A category III overvoltage disconnection device must be fitted on the power supply line, i.e. at a distance of at least 3.5 mm between the contacts. • The section of the connecting cables must be proportionate to their length and to the power load absorption, and, in any case, not less than 1.5 mm. • The product does not provide for any protection against overloads or short circuits. Provide adequate protection for the load on the power supply line, for example a fuse with a maximum value of 3.15 A. • Command buttons are connected to the main voltage, so they must be properly insulated and protected.

06.2 Power supply

The supply voltage must be applied to the BROWN (phase) and BLUE (neutral) wires. Always connect the YELLOW-GREEN wire to the earthing system. The motor's technical specifications are shown on the label affixed to the motor tube.

06.3 Command buttons

The command buttons are optional. If used, the command buttons must be applied to the BLACK and GRAY wires and must close on the BROWN wire (phase). You must use buttons with spring return ("man present" type), do not use switches with maintained position. Multiple command buttons can be connected via a parallel connection. The command buttons are subjected to the mains voltage and, therefore, must be adequately insulated and protected. If the command buttons are not used, insulate the gray and black wires. It is forbidden to connect 2 or more motors in parallel to the same command button (only do it with appropriate control units).

06.4 Motor connection to home automation control units

There are different types of home automation control units. Some home automation control units allow programming the closing time of the output contacts, while others do not allow it; some home automation control units measure the current absorption of the devices applied to the output contacts, while others do not; some home automation control units work with proprietary protocols, while others work with "standard" protocols (for example KNX, MODBUS, etc...). Given the range of features of different home automation control units available on the market, the motor's Manufacturer cannot know in advance whether the motor is compatible with the home automation control unit installed. The command outputs of the home automation control unit must be connected to the push-button inputs of the motor (GRAY and BLACK wires), replacing the manual command buttons. Consequently, the home automation control unit must comply with the operating rules of the command buttons, either in PULSE or in MAN PRESENT mode.

Rules for the home automation control unit to comply with to control motors with PULSE-operated buttons.

- The home automation control unit MUST NOT measure the current absorbed by the button inputs of the motor (which absorb currents lower than 1 mA).
- The home automation control unit must be connected to the motor as shown in the diagram, replacing the command buttons with the command outputs of the home automation control unit.
- To operate the motor, the home automation control unit must close the contact (up or down) for more than 0.5 seconds (typically a 1 second pulse is used).
- When the contacts are open, the home automation control unit must close a contact (up or down) for less than 0.5 seconds to stop the motor (typically a pulse of 0.2 seconds is used).

Rules for the home automation control unit to comply with to control the motors with MAN PRESENT-operated push buttons.

- The home automation control unit MUST NOT measure the current absorbed by the button inputs of the motor (which absorb currents lower than 1 mA).
- The home automation control unit must be connected to the motor as shown in the diagram, replacing the command buttons with the command outputs of the home automation control unit.
- To allow the completion of the entire opening/closing manoeuvre, the home automation control unit must be able to close the up/down contact for the time necessary for the motor to perform the complete opening/closing manoeuvre.
- To stop the motor, the home automation control unit must be able to re-open the up/down contacts at any time.

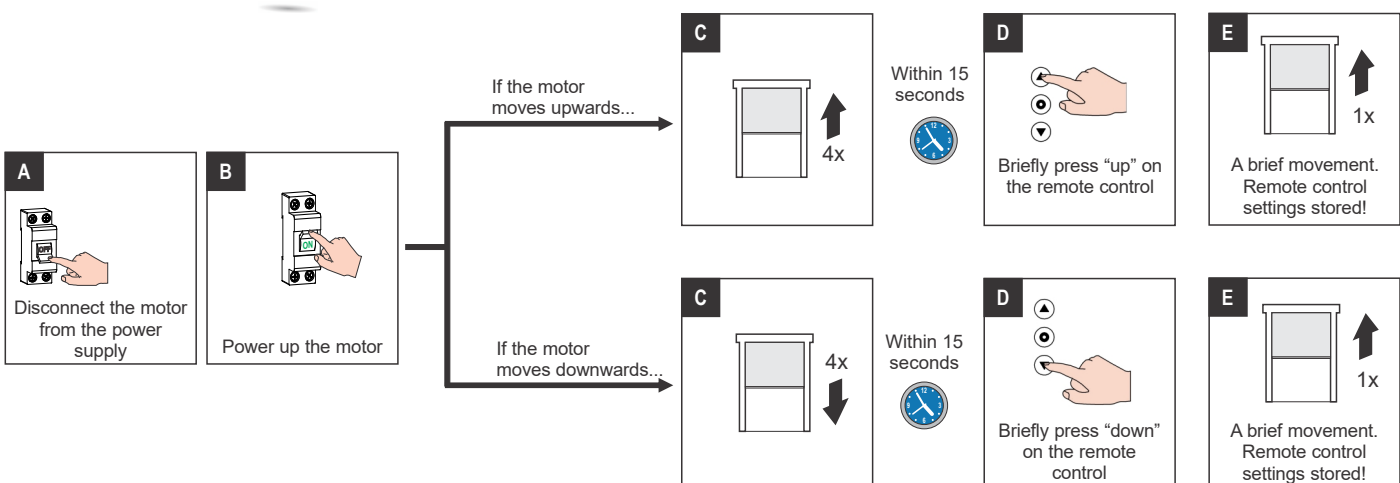
At the time of printing of this document, no particular problems concerning the connection between STAFER SPA products and home automation control units are known (if the above rules are complied with). In any case, STAFER shall not be liable in the event of lack of compatibility (even partial) with any home automation control unit. If the home automation control unit uses KNX or similar protocols, contact the home automation system supplier to discuss the rules listed above. It is likely that the home automation control unit manufacturer can provide adequate interfaces to connect the motor to the home automation control unit. For additional information, please contact your dealer.

07. FIRST INSTALLATION (WITH REMOTE CONTROL)

We recommend thoroughly reading the entire procedure before performing the described operations, so as to make the procedure easier and less prone to errors.



The product must be installed only by a qualified technician. If in doubt, contact your supplier.

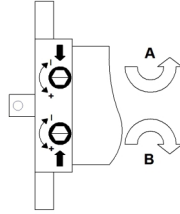


IF AT POINT "E" THE MOTOR PERFORMS 4 MOVEMENTS, IT MEANS THAT SETTING STORAGE FAILED. THE REMOTE CONTROL WAS PROBABLY PRESSED OVER 15 SECONDS AFTER MOTOR MOVEMENTS. RESUME FROM POINT "A", CUTTING OFF POWER SUPPLY FIRST, THEN COMPLETE STEPS AGAIN.

IF AT THE END OF STORAGE THE MOTOR MOVES OPPOSITE TO THE BUTTONS PRESSED ON THE REMOTE CONTROL, THE ROTATION DIRECTION MUST BE REVERSED (SEE PARAGRAPH 13) OR A RESET MUST BE PERFORMED (SEE PARAGRAPH 14) AND THE PROCEDURE REPEATED.

08. LIMIT SWITCH ADJUSTMENT

- A. the stroke is lengthened (counterclockwise)
- B. the stroke is shortened (clockwise)



The limit switches are integrated in the gearmotor and limit the stroke of the blind, awning, etc. to a maximum of 28 revolutions. Their correct adjustment is necessary to ensure a perfect and long-lasting operation of both gearmotor and applied mechanism. Factory setting allows around 3 revolutions for both directions of travel.

In the case of motors with emergency operation (Mod. VM6RX.2), when manual command is engaged, the limit switch positions must not be exceeded (do not open or close the shutter completely).

Blinds

Pay attention to the moving blind and keep away until the blind is completely lowered.

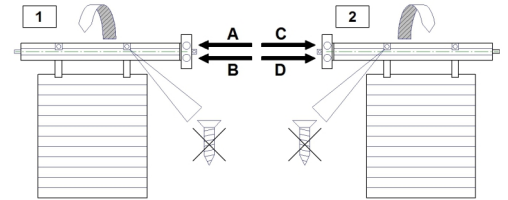
Fig. 1: motor mounted on the right (viewed from the inside)

- A: high limit switch
- B: low limit switch

Fig. 2: motor mounted on the left (viewed from the inside)

- C: high limit switch
- D: low limit switch

It is forbidden to use manual bolts on blinds (where the motor is mounted).



Awning

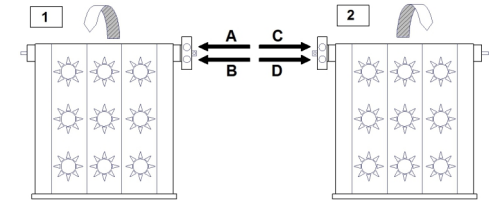
Do not operate the awning when maintenance operations are being conducted nearby, such as window cleaning. In such cases, disconnect the motor if an automatic command is present.

Fig. 1: motor mounted on the right (viewed from the outside)

- A: low limit switch
- B: high limit switch

Fig. 2: motor mounted on the left (viewed from the outside)

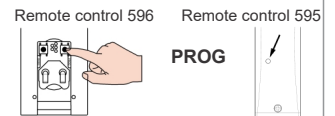
- C: low limit switch
- D: high limit switch



09. ADD/DELETE A RADIO DEVICE (REMOTE CONTROL, SUN/WIND SENSOR)

If at least one working remote control is installed, proceed as follows.

01. Bring the motor to the intermediate position.
02. Press for 2 seconds PROG of a remote control already stored. Motor makes 2 upward movements.
03. Within 15 seconds, to add a remote control: press STOP or UP on the remote control to be added. To add a sun/wind sensor: turn the impeller by hand a few times. To delete a remote control, press DOWN. To delete a sun/wind sensor: perform function 27 (refer to anemometer manual)
04. The motor performs 2 movements up: device stored!!/1 down movement: device deleted!!/4 movements up/down: error!!



NOTES: point 04. "error" is shown if the radio code is not received in a timely manner.

If there is no functioning remote control, proceed using the wall-mounted button. If there is no wall-mounted button, connect a "flying" button to the wires as indicated in the wiring diagram, in paragraph 6 (page 3). You can also proceed with a total reset, as indicated in paragraph 14 (page 5), and store the settings (page 03).

01. If possible, bring motor to an intermediate position.
02. Turn off the power, wait a few seconds, then power up again.
03. Within 15 seconds, briefly and quickly press **UP 3 times** and **DOWN 3 times**. The motor completes 1 **UP/DOWN** movement.
04. Within 15 seconds, briefly press **UP once** and **DOWN once**. After 10 seconds the motor completes 2 **UP** movements.
05. Press **STOP** or **UP** on the new remote control.
06. The motor performs 2 movements up: device stored!!

10. SUN/WIND ANEMOMETERS

Sensors generate automatic operations without warning, which can be a source of danger. The installer is responsible for informing the end user and possibly integrating appropriate safety systems to the installation. In some situations, (e.g., loss of motor or sensor voltage, motor or sensor failure, radio disturbances, etc.), it is possible that the command given by the sensor may not be detected by the motor. The sensor must therefore not be understood as a safety device designed to guarantee the integrity of the rolling shutter under all conditions, but a means to reduce the probability that the rolling shutter will be damaged by adverse weather events.

Sensors compatible with RX-3 motors

The RX.3 series motors feature an integrated radio receiver and require the use of radio sensors. Use the sun/wind anemometers with code 595.K.XS.00 (sensor for one or more motors). The sensor detects the presence of wind, the message is sent to the motors, which, according to their own settings, determine whether to raise the awning or not. In the event it is raised, the manual commands are inhibited until the end of the alarm. When the sensor detects the presence of sun, the message "sun present" is sent; the tuned motors operate downwards. When the sensor detects the absence of sun, the message "no sun" is sent; the tuned motors begin to operate upwards. Each motor can only store one sun/wind anemometer. For more information, refer to the relevant anemometer manual.

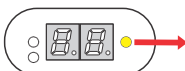
Sun function for sun-wind sensor with remote control Item 596



Select the channel associated with the motor (excluding "SE" sequencer channel)



Press the SUN button on the remote control until the state of the YELLOW LED varies (about 2 seconds). The motor moves up/down to confirm the change..

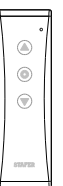


YELLOW LED LIGHT ON/OFF
"sun" function active/off

For clarification, refer to the manual of your sun-wind sensor.

Sun function for sun-wind sensor with remote control Item 595

01. Bring the motor to the intermediate position
02. Press quickly **3 times on PROG** on the back (red led on). The motor shows: up/down.
03. Press **UP twice** and **DOWN twice**, then press **STOP**.
04. The motor shows: up/down.
05. To activate, press **UP once**. To deactivate, press **DOWN once**.
06. After 2 seconds, the motor replicates the movement.
07. Press quickly **PROG 3 times** to exit (red led off, the motor does not show anything).



For clarification, refer to the manual of your sun-wind sensor.

11. ANEMOMETRIC TEST

As soon as a sun/wind radio anemometer is stored in the motor, a communication check is automatically activated between anemometer and motor. If communication fails for more than 60 minutes, the motor performs an ascent manoeuvre to protect the awning. This automatic manoeuvre is performed every 60 minutes until radio communication is restored. The radio test function cannot be deactivated.

12. ORIENTATION FUNCTION

This function can be useful, for example, in the movement of sun blinds. By activating this function, it will be possible to move the motor in increments allowing the orientation of the slats, using both the wall-mounted buttons and the remote control. It is possible to set the duration of the orientation movements (see Table). The factory sets the function on level 2 (50 msec), corresponding to more precise movements. To modify this parameter, follow the instructions provided below.

12.1 How to adjust the orientation function with remote control Item 596

01. Bring the motor to the intermediate position.
02. Briefly press **MENU** on the remote control, the display will show - -.
03. Press **7 times on DOWN**. "07" appears on the display.
04. Press **STOP**. The motor shows the current value (from 1 to 5 movements).
05. Press **UP** as many times as the setting you want (from 1 to 5).
06. After 5 seconds the motor shows the new setting (from 1 to 5 movements).
07. Press **MENU** to exit.

12.2 How to adjust the orientation function with remote control Item 595

01. Bring the motor to the intermediate position.
02. Press quickly **3 times on PROG*** (red led on). The motor shows: up/down.
03. Press **7 times on DOWN**.
04. Press **STOP**. The motor shows: up/down.
05. Press **UP**. The motor shows the current value (from 1 to 5 movements).
06. Press **UP** as many times as the setting you want (from 1 to 5).
07. After 5 seconds, the motor signals the new setting (from 1 to 5 movements).
08. Press quickly **PROG 3 times*** to exit (red led off).

12.4 How to activate the orientation function

Using remote control Item 596

Use the buttons dedicated to left and right orientation (see paragraph 4).

Using remote control Item 595

Briefly and quickly press **STOP twice**, then hold down **UP** or **DOWN** until you reach the desired position.

No. of movements	1	2	3	4	5
Orientation movement duration	inactive	50 msec	100 msec	150 msec	200 msec

12.3 How to adjust the orientation function via the wall-mounted button

01. Bring the motor to the intermediate position.
02. Turn off the power, wait a few seconds, then power up again.
03. Within 15 seconds, briefly and quickly press **UP 3 times** and **DOWN 3 times**. The motor completes 1 **UP/DOWN** movement.
04. Within 15 seconds, briefly press **DOWN 7 times**. After 10 seconds the motor completes 1 **UP/DOWN** movement.
05. Press **UP**. The motor shows the current value (from 1 to 5 movements).
06. Press **UP** as many times as the setting you want (from 1 to 5).
07. After 5 seconds the motor shows the new setting (from 1 to 5 movements)
08. Wait 5 seconds to exit the MENU.

13. REVERSE ROTATION FUNCTION

If, after installation, the motor rotates in a direction opposite to the remote control buttons (e.g. the blind descends when pressing UP on the remote control), it is possible to invert the direction of rotation with the following procedure.

13.1 USING THE REMOTE CONTROL Item 596

01. Bring the motor to the intermediate position.
02. Briefly press **MENU** on the remote control, the display will show - -.
03. Press **5 times on DOWN**. "05" appears on the display.
04. Press **STOP**. The motor signals with up/down movement.
05. To invert, press **UP**. The motor signals with up/down movement.
06. Press **MENU** to exit.

13.3 USING THE WALL-MOUNTED BUTTON (IF ANY) PRESENTE)

01. Bring the motor to the intermediate position.
02. Turn off the power, wait a few seconds, then power up again.
03. Within 15 seconds, briefly and quickly press **UP 3 times** and **DOWN 3 times***. The motor completes 1 **UP/DOWN** movement.
04. Within 15 seconds, briefly press **DOWN 5 times**. The motor completes 1 **UP/DOWN** movement.
05. Press **UP**. The direction of rotation has been reversed.
06. Wait 5 seconds to exit the MENU.

13.2 USING THE REMOTE CONTROL Item 595

01. Bring the motor to the intermediate position.
02. Press quickly **PROG 3 times*** (red led on). The motor performs an up/down movement.
03. Press **5 times on DOWN**.
04. Adv Press **STOP**. The motor signals with up/down movement.
05. To invert, press **UP**. The motor signals with up movement.
06. Press quickly **PROG 3 times*** to exit (red led off).

(*) The buttons must be pressed shortly, max 0,5 seconds between two pressures.

14. BUTTON LOGIC

The command buttons can work in PULSE logic or in MAN PRESENT logic.

PULSE: to move the motor, press a button for at least 0.5 seconds, to stop the motor, briefly press (less than 0.5 seconds) one of the two buttons.

MAN PRESENT: to move the motor, keep the button pressed; release the button to stop the motor.

The factory sets the motor to work in PULSE logic. To modify this parameter, follow the instructions provided below.

14.1 USING THE REMOTE CONTROL Item 596

01. Bring the motor to the intermediate position.
02. Press **MENU**. The motor performs an up/down movement. Display shows: - - .
03. Press **4 times on DOWN**. 04 appears on the display.
04. Press **STOP**. The motor shows:
1 UP = man present, 1 DOWN = pulse.
05. To select "Pulse": press **DOWN**
To select "man present": press **UP**
06. After pressing, the motor shows:
1 UP = man present, 1 DOWN = pulse.
07. Press **MENU** to exit.

14.3 USING COMMAND BUTTONS

01. Bring the motor to the intermediate position.
02. Turn off the power, wait a few seconds, then power up again.
03. Within 15 seconds, briefly and quickly press **UP 3 times** and **DOWN 3 times***. The motor performs an up/down movement.
04. Within 15 seconds, briefly and quickly press **DOWN 4 times**. The motor shows: 1 UP = man present, 1 DOWN = pulse.
05. To select "Pulse": briefly press **DOWN**.
To select "Man present": briefly press **UP**.
06. The motor shows: 1 UP = man present, 1 DOWN = pulse.
07. Wait for 5 seconds. The motor exits the menu without any movement.

14.2 USING THE REMOTE CONTROL Item 595

01. Bring the motor to the intermediate position.
02. Press quickly **PROG 3 times*** (red led on). The motor performs an up/down movement.
03. Press **4 times on DOWN**. The motor performs an up/down movement.
04. Press **STOP**. The motor shows:
1 UP = man present, 1 DOWN = pulse. Advan
05. To select "Pulse": press **DOWN**.
To select "man present": press **UP**.
06. After pressing, the motor shows:
1 UP = man present, 1 DOWN = pulse.
07. Press quickly **PROG 3 times*** to exit (red led off).

(*) The buttons must be pressed shortly, max 0,5 seconds between two pressures.

15. FACTORY VALUE RESET

15.1 USING THE REMOTE CONTROL Item 596

01. Bring the motor to the intermediate position.
02. Briefly press **MENU** on the remote control, the display will show - -.
03. Press **UP twice** and **DOWN 9 times**, "29" appears on the display.
04. Press **STOP**, the motor makes 6 movements up and down. Wait until it stops.
05. Press **UP twice**. The motor signals that the reset has been carried out (1 double movement).
06. Press **MENU** to exit.
07. Install the motor again (see paragraph 7).

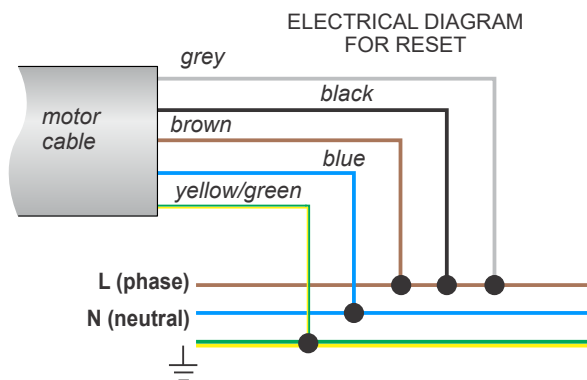
15.3 USING THE WALL-MOUNTED BUTTON (IF ANY)

01. Bring the motor to the intermediate position.
02. Turn off the power, wait a few seconds, then power up again.
03. Within 15 seconds, briefly and quickly press **UP 3 times** and **DOWN 3 times**. The motor moves up/down.
04. Within 15 seconds, briefly and quickly press **UP twice** and **DOWN 9 times**. The motor performs 6 up/down movements.
05. At the end of the movements, briefly press **UP twice**.
06. The motor signals that the reset has been carried out (1 double movement).
07. Install the motor again (see paragraph 7).

(*) The buttons must be pressed shortly, max 0,5 seconds between two pressures.

15.4 USING THE POWER CABLES

01. If possible, bring motor to an intermediate position.
02. Cut off the power supply.
03. Connect as shown in the diagram on the side.
04. Power up the motor. The motor signals 6 up/down movements.
05. Cut off the power supply.
06. Restore connections. (refer to the diagram in paragraph 6)
07. Install the motor again (see paragraph 7).



15.2 USING REMOTE CONTROL Item 595

01. Bring the motor to the intermediate position.
02. Press quickly **PROG 3 times*** (red led on). The motor performs an up/down movement.
03. Press **twice on UP** and **9 times on DOWN**.
04. Press **STOP**. The motor makes 6 upward and downward movements. Wait until it stops.
05. Press **UP twice**. The motor signals that the reset has been carried out (1 double movement).
06. Press quickly **PROG 3 times*** to exit (red led off).
07. Install the motor again (see section 7 of this manual).

SIMPLIFIED DECLARATION OF CONFORMITY

The manufacturer STAFER s.p.a. declares that the product complies with Directives 2014/53/EU, 2014/35/EU, and 2014/30/EU.



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Unless previously and specifically authorised by STAFER, the device must be used exclusively with transmitters produced by STAFER.
STAFER cannot be considered responsible for damage caused by improper, incorrect or unreasonable uses.