

INSTRUCTIONS FOR CONNECTION ELECTRONICS - VENETIAN BLINDS

SOMFY

1. WT PROTECT

Motors for controlling all types of venetian blinds. Designed for operation via switch or push-button.

Motor torque:

- 6 Nm
- 10 Nm
- 18 Nm



SETTING THE UPPER AND LOWER POSITIONS

▪ Setting the UPPER position:

1. Connect the installation cable
2. Press the UP and DOWN buttons simultaneously for 5 seconds (when using a standard installation cable) or press the WT button (Somfy installation cable).
3. The motor briefly moves in the UP direction
4. Press the UP button; the motor moves, stops and then moves again in the UP direction
5. Press and hold the UP button until the desired UPPER POSITION is reached. Save the end position by pressing the DOWN button. If you do not want to save the position, briefly press the WT button.

▪ Setting the LOWER position:

1. Connect the installation cable
2. Press the UP and DOWN buttons simultaneously for 5 seconds (when using a standard installation cable) or press the WT button (Somfy installation cable).
3. The motor briefly moves in the UP direction
4. Press the DOWN button; the motor moves, stops and then moves again in the DOWN direction
5. Press and hold the DOWN button until the desired LOWER POSITION is reached. Save the end position by pressing the UP button. If you do not want to save the position, briefly press the WT button.

2. SOMFY IO

Motors for controlling all types of venetian blinds. Designed for remote control operation. Motor torque:

- 6 Nm
- 10 Nm
- 18 Nm



PAIRING THE REMOTE CONTROL WITH THE MOTOR AND SETTING THE UPPER AND LOWER POSITIONS

1. Press the UP and DOWN buttons simultaneously; the venetian blind moves briefly.
2. Use the UP or DOWN button to check the direction of rotation. If the direction is incorrect, press and hold the MY button until the venetian blind moves up/down. The direction is now reversed.
3. Then save the remote control by pressing the PROG button on the remote control; the venetian blind moves briefly up/down.
4. The remote control is paired.

▪ SETTING THE UPPER AND LOWER POSITIONS

1. To set or change the upper end position, move the venetian blind to an intermediate position.
2. Press the UP/DOWN buttons simultaneously for 5 seconds until the venetian blind moves briefly.
3. Press and hold the UP button until the desired upper end position is reached.
4. Press the DOWN button; the venetian blind moves briefly to confirm that the position has been saved.
5. To set or change the lower end position, move the venetian blind to an intermediate position.
6. Press the UP/DOWN buttons simultaneously for 5 seconds until the venetian blind moves briefly.
7. Press and hold the DOWN button until the desired lower end position is reached.
8. Press the UP button; the venetian blind moves briefly to confirm that the position has been saved.

▪ RESET TO FACTORY SETTINGS

1. Move the venetian blind to an intermediate position.
2. Switch off the power supply for 2 seconds, switch it on for 5-15 seconds, switch it off again for 2 seconds, then switch it on again. The venetian blind moves for a few seconds.
3. Press and hold the PROG button for 7 seconds. The venetian blind moves briefly once and then again a few moments later. The drive is reset to factory settings.

INSTRUCTIONS FOR CONNECTION ELECTRONICS - VENETIAN BLINDS

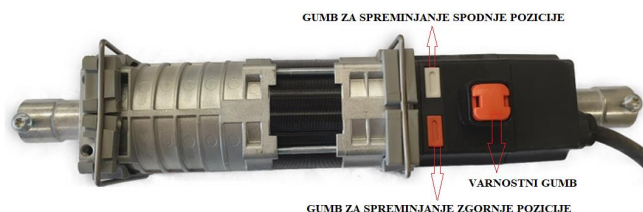
ELERO

1. ELECTRIC MOTOR FOR VENETIAN BLINDS

Motors for controlling all types of venetian blinds via switch or push-button.

Motor torque:

- 6 Nm
- 9 Nm
- 20 Nm



• SETTING THE UPPER POSITION

1. Lower the venetian blind approx. 50 cm below the upper position
2. Press and hold the Orange button for approx. 3 seconds (so that the button remains pressed in) and start raising the venetian blind
3. When the venetian blind reaches the upper position (just before the limit switch), stop it and start lowering it.
4. lowering it.
5. When the venetian blind changes direction, the orange button pops out, thereby setting the upper position

• SETTING THE LOWER POSITION

1. Lower the venetian blind to approx. 50 cm above the lower position
2. Press and hold the White button for approx. 3 seconds (so that the button remains pressed in) and start lowering the venetian blind
3. When the venetian blind reaches the lower position (the position can be adjusted more precisely with short impulses,
4. but only in the downward direction), stop it and start raising it.
5. When the venetian blind changes direction, the white button pops out, thereby setting the lower position.

2. ELECTRIC MOTOR FOR VENETIAN BLINDS WITH INTEGRATED RECEIVER

Motors for controlling all types of venetian blinds via switch/ push-button or remote control. Programming follows the same procedure as for the external receiver.



3. ELERO RECEIVER FOR VENETIAN BLINDS



• PROGRAMMING THE FIRST REMOTE CONTROL

1. Once the Elero receiver is connected to the motor and power supply, programming can begin.
2. Press the "P" programming button on the remote control (located on the back of the remote control) for approx. 1 second.
3. When the motor starts moving up, press the "UP" button within ONE second.
4. The motor then stops, makes another short upward movement, stops again and changes direction.
5. When the motor starts moving down, press the "DOWN" button within ONE second.

• PROGRAMMING AN ADDITIONAL REMOTE CONTROL

1. On an already programmed remote control, simultaneously press the "UP", "DOWN" and "P" programming buttons until the light around the STOP button illuminates.
2. On the new remote control, press and hold the "P" programming button for approx. 3 seconds; the motor starts moving up and down.
3. When the motor starts moving up, press the "UP" button within ONE second.
4. When the motor starts moving down, press the "DOWN" button within ONE second.
5. The additional remote control is programmed to the receiver.

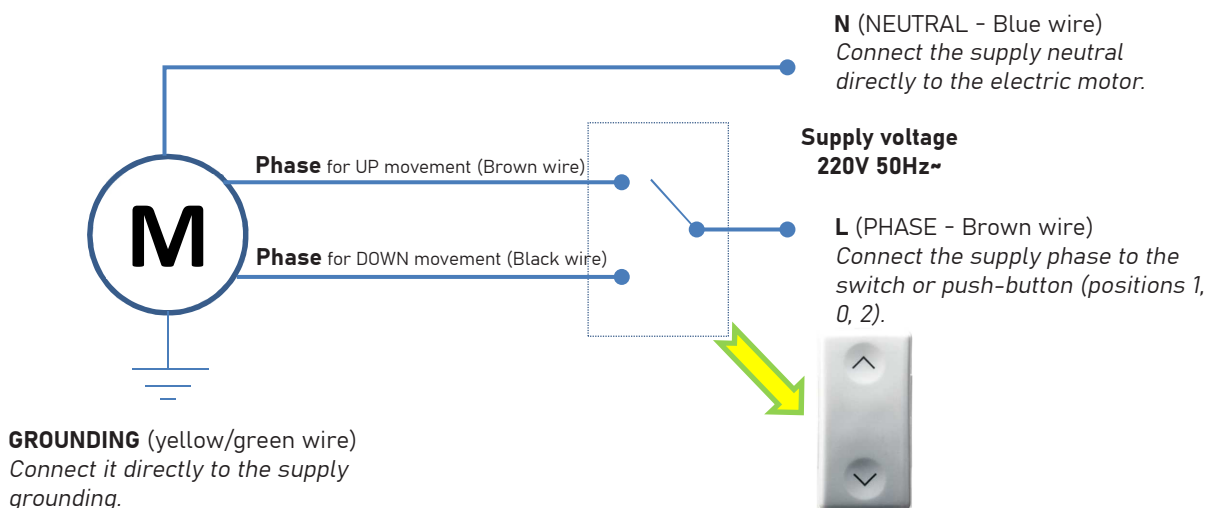
• DELETING ALL REMOTE CONTROLS FROM THE RECEIVER

1. On any already programmed remote control, simultaneously press the "UP", "STOP", "DOWN" and "P" programming buttons until the light turns red.
2. All remote controls are deleted from the receiver.

INSTRUCTIONS FOR CONNECTION

ELECTRICAL CONNECTION - VENETIAN BLINDS

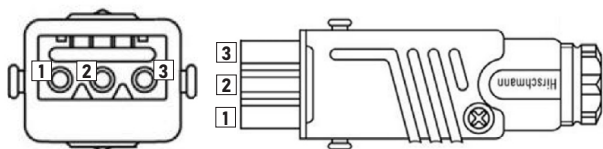
1. CONNECTION TO SWITCH



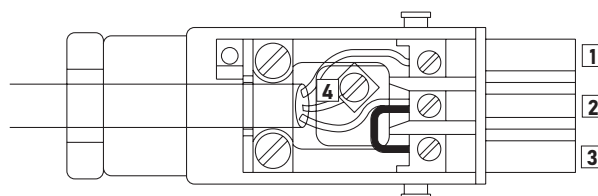
2. HIRSCHMANN CONNECTOR CONNECTION

The connector contacts are numbered on both the outside and inside:

Control via switch	Control via receiver
1 - NEUTRAL (blue wire)	1 - NEUTRAL (blue wire)
2 - PHASE for movement UP (black wire)	2 - PHASE (black wire)
3 - PHASE for movement DOWN (brown wire)	3 - LEAVE EMPTY
4 - Grounding	4 - Grounding



Wire connection arrangement for control via switch/push-button



Wire arrangement for connection to the receiver. For Somfy IO motors with an integrated receiver, the wire arrangement shown on the right side of the table applies.

The only exception is motors with an integrated receiver, where the wire arrangement shown in the diagram for connecting an electric motor with an integrated receiver applies.