

External venetian blind radio motor

ADJUSTMENT INSTRUCTIONS RAFFSTORE RADIO MOTOR (SOMFY J4 io Protect)

Hand over instructions to electrician!

The J4 io Protect drive from Somfy is installed in the supplied element. The J4 io Protect is an electronic radio motor, which is only **can be operated with io Homecontrol compatible controls**.

Important!

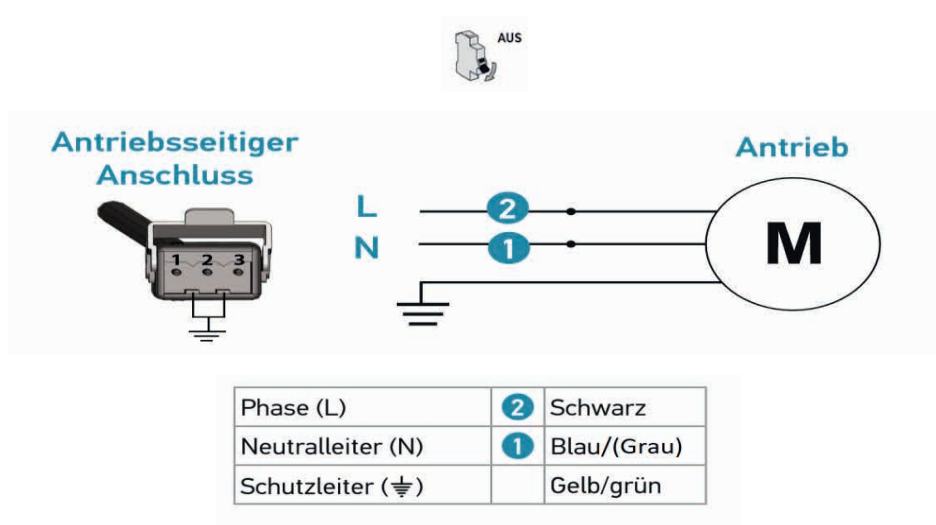
Read the instructions carefully before assembly.

The manufacturer accepts no liability for faults resulting from improper storage, assembly, handling or failure to observe these instructions and these guidelines.

Assembly may only be carried out by qualified personnel.

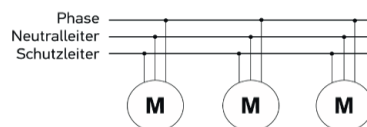
Electrical connection

!Disconnect the power supply!



! Several Somfy J4 io Protect drives may be connected in parallel to the 230V mains!

Phases and neutral must be connected as follows



ATTENTION: NEVER CONNECT THE DRIVE IN PARALLEL WITH LIMIT SWITCH MOTORS!

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! Important notes !

Never connect the motor under voltage!

The drive may only be connected by an authorised person (licensed electrician).

It is essential to carry out a test run after assembly

- a) Make sure that no persons are in the danger zone during the test run (visual contact with the system)
- b) Always carry out a test run with one engine only
- c) Carry out at least two complete test drives in UP and DOWN direction
- d) Each motor has an overheating protection which switches off the drive after a longer test drive for approx. 6min. After a cooling phase of approx. 15min, the motor is ready for operation again.

Lower end of the guide rails

A lower guide rail end is installed as standard. These must never be removed (leakage protection).

Information for electricians

Be sure to run empty pipes up to the cable outlet of the product. **It is essential to seal empty pipework on the room side.** When carrying out inspection work on the motor (lightning strike), it must be possible to pull out the cable when removing the motor. When using control units in the control cabinet, an accessible terminal box must be placed near the element.

Never connect the motor while it is live! The motor cable must be checked for damage before installation. Cross-section of the mains cable 1.5mm².

If the motor cable is shortened, it is essential to fit wire end sleeves at the terminal point.

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Commissioning

Switch the power supply back on.

- a) Press the UP and DOWN buttons of the io transmitter simultaneously. (The curtain briefly moves UP/DOWN)
- b) Press and hold the DOWN button on the io transmitter. (Shutter moves DOWN, otherwise reverse direction of rotation see point E)
- c) Press and hold the UP button on the io transmitter. (Shutter moves UP, otherwise reverse direction of rotation, see point E)
- d) REVERSE DIRECTION
 - Press the MY button for approx. 5 sec. (the blind briefly moves UP/DOWN to confirm the reversal of the direction of rotation)
- e) Transmitter programming:
 - Briefly press the PROG. button on the transmitter. (Curtain briefly moves UP/DOWN)

End positions are set at the factory, the external venetian blind should move briefly after the power supply is switched on.

Changing the end positions

Move the curtain to the middle position.

Press the UP and DOWN buttons simultaneously for approx. 5 seconds until the blind moves briefly. Move the blind to the desired end position (up or down) and confirm by pressing the opposite button.