

Roller shutter radio motor

## ADJUSTMENT INSTRUCTIONS FOR RADIO-CONTROLLED ROLLER SHUTTERS

### (SOMFY Ilmo2 io 50 WT)

#### Hand over instructions to electrician !

The Ilmo2 io 50 WT drive from Somfy is installed in the supplied element. The Ilmo2 io 50 WT is a self-learning radio-electronic motor, which is only **can be operated with io Homecontrol compatible controls**. No end position programming is necessary. The end positions are set automatically by torque cut-off.

#### Important!

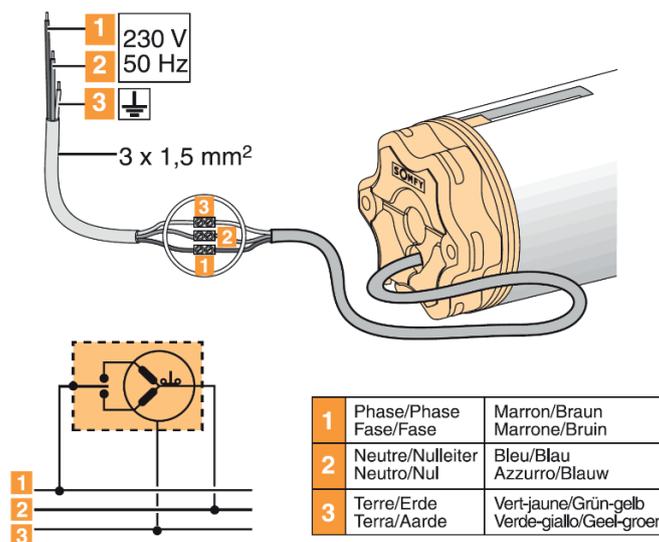
**Read the instructions carefully before assembly.**

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 radio motors may be connected in parallel to the 230V mains !

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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 1.5mm<sup>2</sup>.

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

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### Commissioning

- a) Switch on the power supply again.
- b) Press the UP and DOWN buttons of the io transmitter simultaneously. (Roller shutter briefly moves UP/DOWN)
- c) Press and hold the DOWN button on the io transmitter. (Roller shutter moves DOWN, otherwise reverse direction of rotation see point E)
- d) Press and hold the UP button on the io transmitter. (Roller shutter moves UP, otherwise reverse direction of rotation see point E)
- e) REVERSE DIRECTION
  - Press the MY button for approx. 5 seconds (roller shutter briefly moves UP/DOWN to confirm the reversal of the direction of rotation)
- f) Transmitter programming:
  - Briefly press the PROG. button on the transmitter. (Roller shutter briefly moves UP/DOWN)
- g) After the programming runs have been completed, 4 uninterrupted learning runs should be carried out until the end positions are reached. (Roller shutter is thus ready for operation)

### Reset to factory setting

- a) Bring the roller shutter to half the element height.
  - Interrupt current > 2 sec.
  - 5-15 sec. Switch on power
  - Interrupt current > 2 sec.
  - Switch on power again (roller shutter moves in one direction for 5 sec.)
- c) Press the PROG button continuously for 7 seconds (roller shutter moves briefly UP/DOWN twice in succession)

### Additional programming

eaching in or deleting additional transmitters:

- a) Press the PROG button on the transmitter already programmed into the motor for approx. 2 seconds (roller shutter briefly moves UP/DOWN)
- b) Briefly press the PROG button on the new transmitter to be programmed or on the transmitter to be deleted. (The shutter briefly moves UP/DOWN. The new transmitter address is learned (max. 9 transmitters) or already learned transmitters are deleted again.