

Roller shutter premium radio motor

**ADJUSTMENT INSTRUCTIONS ROLLER SHUTTER PREMIUM
RADIO MOTOR**

(SOMFY RS100 io)

Hand over instructions to electrician !

The RS100 io drive from Somfy is installed in the supplied element. The RS100 io is a self-learning radio electronic motor, which 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.

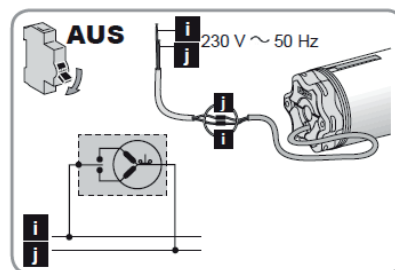
Assembly may only be carried out by qualified personnel.

Electrical connection

! Disconnect the power supply!



	Kabel	230 V ~ 50 Hz
(i)	Blau	Neutralleiter (N)
(j)	Braun	Phase (L)



! ATTENTION: Installation switches must not be used for control, can only be used with IO radio systems.

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! Important notes !

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

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

Lower end of the guide rails

A lower guide rail end is installed as standard. Only remove this if the roller shutter can move onto another fixed lower point (e.g. window sill or similar).

The end rod may extend max. 20 mm from the bottom of the guide rail.!

Information for electricians

Be sure to run empty conduits 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

The roller shutter is equipped with fixed shaft connectors and with end stops. This means that it is not necessary to set the end positions.

The direction of rotation is automatically set during the first complete cycles. Until then, the UP and DOWN commands may run in the wrong direction.

- a) **Teaching the radio transmitters:** Switch the power supply back on.
- b) Press the UP and DOWN buttons of the io transmitter simultaneously. (Roller shutter briefly moves UP/DOWN)
- c) Transmitter programming:
 - Briefly press the PROG. button on the transmitter. (Roller shutter briefly moves UP/DOWN)
- d) 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)

ATTENTION

With very small roller shutters (< 0.5 m²), the direction of rotation may not be detected automatically.

(Close the roller shutter to the lower end position and open it again, braking it lightly by hand for 5 seconds (without interruption). Close it again to the lower end position. With the next movement, the drive has found the correct direction of rotation).

OBSERVE THE NOTES IN THE ORIGINAL INSTRUCTIONS!

FURTHER TECHNICAL DETAILS ON MAINS CONNECTION/WIRING, CONTROLS AND RADIO OPERATION DEPEND ON THE CHARACTERISTICS OF THE RESPECTIVE OPERATING PARTS. INFORMATION ON THIS IS ENCLOSED WITH THE RESPECTIVE DOCUMENTS FOR THESE OPERATING UNITS.