



5156397A

EN

J4 io Protect

Short installation guide

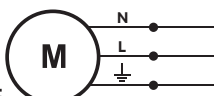
ORIGINAL INSTRUCTIONS

Complete instruction guide available online on www.somfy.info**somfy®**

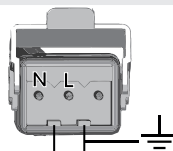
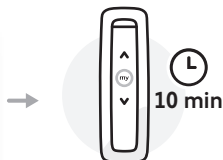
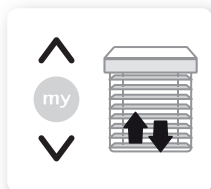
From the Application
"Help me by Somfy"
scan the QR code here
to find complete
setting instructions.



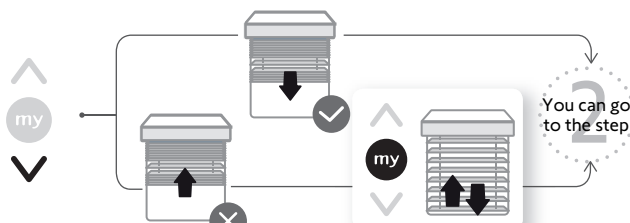
"Help me by Somfy"
available on stores



	230 V ~ 50 Hz	
N	Blue	
L	Brown	
⏏	Green - Yellow	

**1****PREPROGRAMMING A CONTROL POINT**

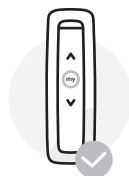
Control point is temporary
programmed for 10 minutes.

DIRECTION OF ROTATION

You can go
to the step

2**PAIRING**

PROG.
⌚
0.5 s



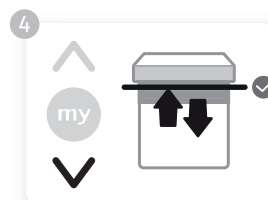
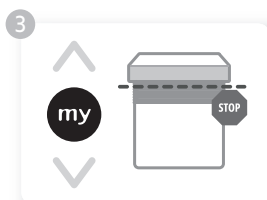
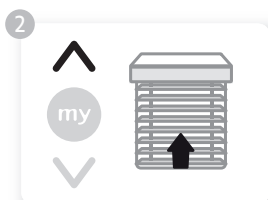
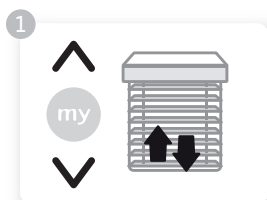
Control point is completely
programmed.

3**END LIMITS SETTING**

Factory setting : the drive is supplied in lower end limit position. The mushroom can therefore be used to set the upper end limit.
A minimum of 3 rotations of the drive shaft is required between the lower end limit and the upper end limit.

SETTING THE UPPER END LIMIT

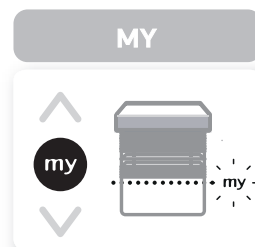
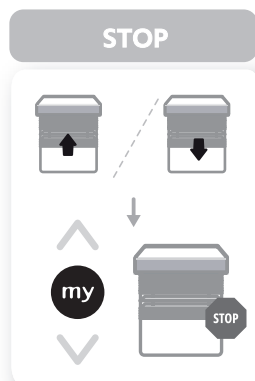
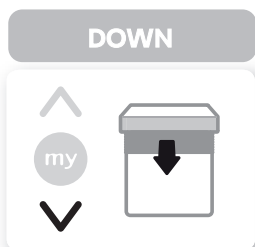
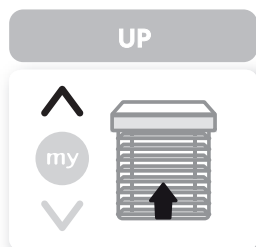
Ensure that the EVB is at least 15 cm below the new desired upper end limit.



❗ Other setting like Tilting travel, Obstacle detection, Automatic adjustment and more are available from the "Help me by Somfy" application

4**USE**

This drive does not require any maintenance operation



⚠ Apply the double cutout only for the end-product to be reset.
This reset deletes all programmed control points, all sensors, all end limit settings and resets the favourite (my) position for the drive.



INSTRUCTIONS TO BE RESPECTED

These instructions apply to all J4 io Protect drive, the different versions of which are available in the current catalogue.

FIELD OF APPLICATION

The J4 drives are designed to drive all types of tiltable venetian blinds.
The J4 drives are designed to motorise all types of:

- Tiltable venetian blinds which bottom lath can be lifted at least by 4 cm when an upward force of 150 N is applied to the bottom lath positioned at 16 cm from the fully extended position.

LIABILITY

Please read these instructions carefully before installing and using the drive. In addition to following the instructions given in this guide, the instructions detailed in the attached **Safety instructions** document must also be observed.

The drive must be installed by a motorisation and home automation professional, according to instructions from Somfy and the regulations applicable in the country in which it is commissioned.

It is prohibited to use the drive outside the field of application described above. Such use, and any failure to comply with the instructions given in this guide and in the attached **Safety instructions** document, absolves Somfy of any liability and invalidates the warranty.

The installer must inform its customers of the operating and maintenance conditions for the drive and must provide them with the instructions for use and maintenance, and the attached **Safety instructions** document, after installing the drive. Any After-Sales Service operation on the drive must be performed by a motorisation and home automation professional.

If in doubt when installing the drive, or to obtain additional information, contact a Somfy adviser or go to the website www.somfy.com.

SAFETY INSTRUCTIONS FOR WIRING

- ⚠ Cables which pass through a metal wall must be protected and isolated using a sheath or sleeve.
- ⚠ Attach cables to prevent any contact with moving parts.
- ⚠ If the drive is used outdoors, and if the power supply cable is a type H05-VVF cable, the cable should be installed in a UV-resistant duct, e.g. under a gland.
- ⚠ Leave the drive power supply cable accessible: it must be possible to replace it easily.
- ⚠ Always make a loop in the power supply cable to prevent water entering the drive.

SPECIFIC INSTRUCTIONS

Do not connect the drive to an isolating transformer.

Do not use mains disconnection devices in conjunction with a drive.

Use only mechanical switches or electro-mechanical switches (ex: relays) to control drives.

The contacts of the relays must not be bypassed by capacitors.

In user mode, do not use electric switches allowing simultaneous Up or Down contact.

The drive must not be driven by a solid-state relay or triac relay.

Always refer to the control system instructions to do the proper wiring.

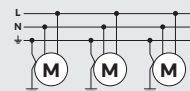
The drive must be installed by a professionally qualified person (electrical specialist according to DIN VDE 1000-10) for drives and automations in the building services sector in accordance with the Somfy instructions and the applicable regulations in the country of commissioning.

For control systems using an «automatic running time recognition procedure», please consider the recommendations given by the producer of the controller: the **N** wire of the controller has to be connected to the **N** wire of each drive.

Continuous orders of at least 200 ms must be sent to the drive to ensure proper execution. Intervals between "Down" and "Up" orders must be at least 500 ms.

The drive can be wired in parallel. In this case take in consideration the maximal load of the switch/controller used (starting current peak of the drive: 9 A in the first 3 ms).

Phases and neutrals of each drive must be connected respectively as shown below:



Radio frequency

Frequency bands and Maximum power used

868-870 MHz io-homecontrol® two-way Tri-band.

868.000 MHz - 868.600 MHz e.r.p. <25 mW

868.700 MHz - 869.200 MHz e.r.p. <25 mW

869.700 MHz - 870.000 MHz e.r.p. <25 mW

Power supply

230 V ~ 50 Hz



SOMFY ACTIVITES SA, 74300 CLUSES FRANCE as manufacturer hereby declares that the drive covered by these instructions when marked for input voltage 230V~50Hz and used as intended according to these instructions, is in compliance with the essential requirements of the applicable European Directives and in particular of the Machinery Directive 2006/42/EC and EMC Directive 2014/30/EU. The full text of the EU declaration of conformity is available at www.somfy.com/ce. Philippe Geoffroy, Approval manager, acting on behalf of Activity director, Cluses, 05/2021



We care about our environment. Do not dispose of the appliance with usual household waste. Give it to an approved collection point for recycling.