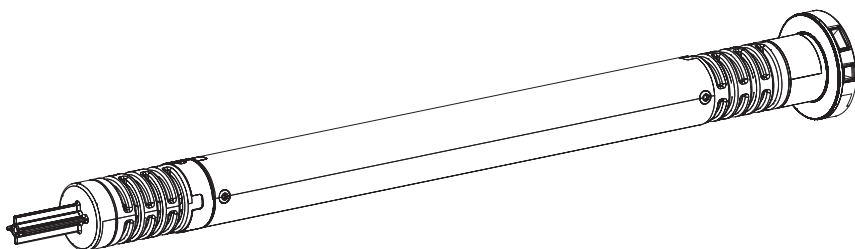


Sonesse[®] 30 DCT



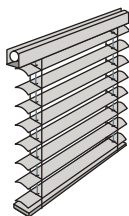
Installation instructions

SAFETY

- This Somfy product must be installed by a professional motorization and home automation installer, for whom these instructions are intended.
- Before installation, check that this product is compatible with the associated equipment and accessories.
- These instructions describe how to install, commission and use this product.
- Moreover, the installer must comply with current standards and legislation in the country in which the product is being installed, and inform his customers of the operating and maintenance conditions for the product.
- Any use outside the sphere of application specified by Somfy is not approved. Such use, or any failure to comply with the instructions given herein will invalidate the warranty, and Somfy refuses to accept liability.

COMPATIBLE BLINDS

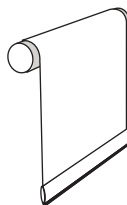
Venetian blinds



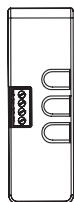
Roman shades



Roller blinds



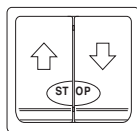
COMPATIBLE CONTROL



Setting Tool



Centralis IB



Wall Switch

GENERAL SAFETY INSTRUCTION

The safety instructions that must be observed, besides the usual rules, are explained in these instructions and in the attached «Safety Instructions» document.

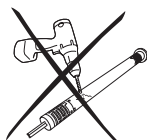
Never immerse the motor in liquid!



Avoid impacts!



Never drill holes in the motor!



Do not drop it!



INSTALLATION

Motor preparation

1) Fit the crown (a) and drive wheel (b) to the motor.

2) Measure the length (L) between the middle of the drive wheel and the head end.

Tube preparation

Cut the tube to the required length. Deburr the tube and remove the debris.

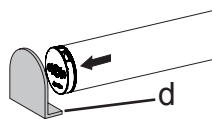
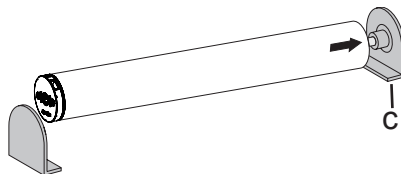
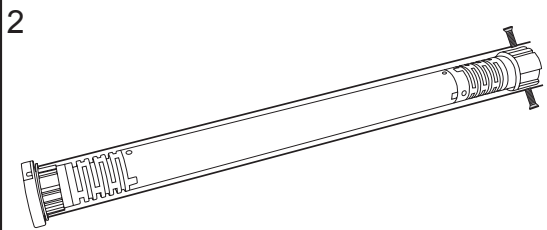
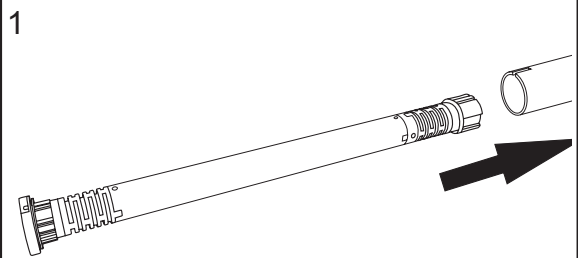
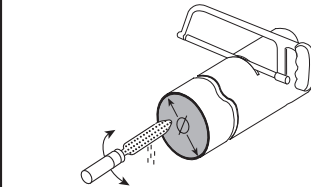
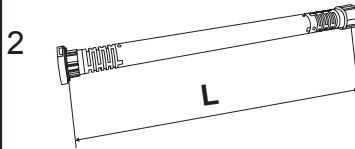
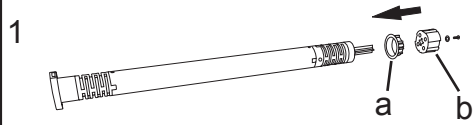
Motor/tube assembly

1) Slide the motor into the tube.

2) Fix the tube to the motor with self-tapping screws or steel pop rivets depending on the dimension (L).

Mounting the motorized tube on the brackets

If necessary, screw the bracket interface on the motor head.
Mount the motorized tube on the end bracket (C).
Mount the motorized tube on the motor bracket (D).



Wiring

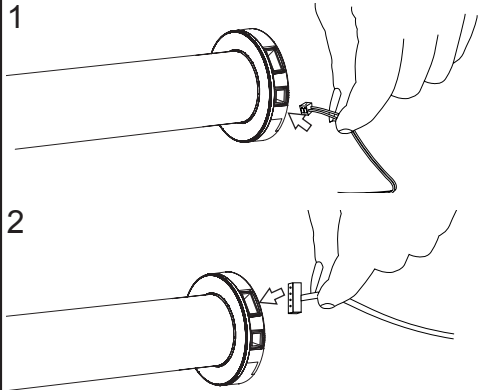


Sonesse® 30 DCT is Dry contact motor. It can't be controlled with power going through the setting tool cable.

1) Connect the power cable to the motor.



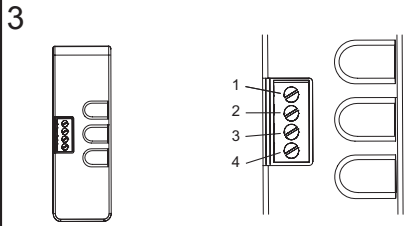
2) Connect the setting tool cable to the motor.



3) Control wiring

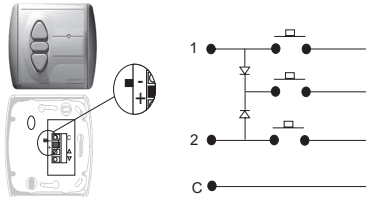
Setting Tool

- 1 UP (White/Blue)
- 2 STOP (Blue)
- 3 DOWN (White/Orange)
- 4 GND (Orange)



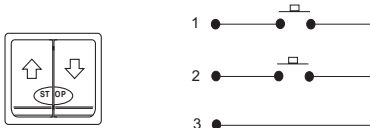
Centralis IB

- 1 UP or DOWN (White/Blue or White/Orange)
- 2 UP or DOWN (White/Blue or White/Orange)
- 3 GND (Orange)

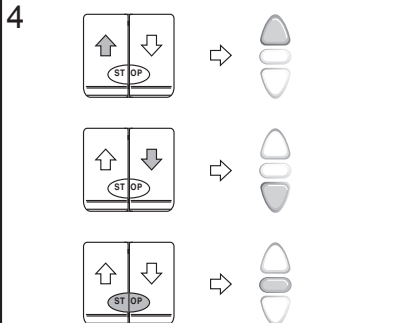


Wall Switch

- 1 UP or DOWN (White/Blue or White/Orange)
- 2 UP or DOWN (White/Blue or White/Orange)
- 3 GND (Orange)



4) Correspondence



COMMISSIONING

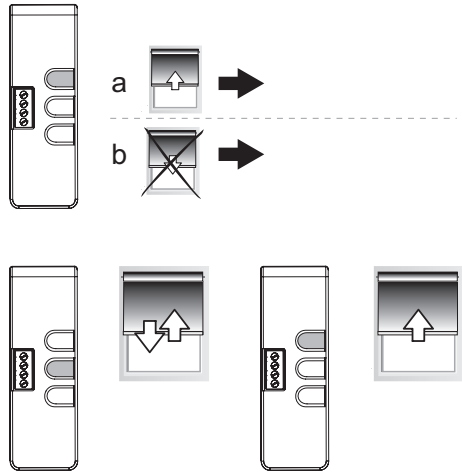
Checking the direction of rotation

Press the setting tool UP button:

- a) If the shade is raised, the direction of rotation is correct. Move to the section entitled «Adjusting the end limits».
- b) If the shade is lowered, the direction of rotation is incorrect. Move to the next step.

Press the setting tool STOP button until the shade jogs: the direction of rotation has been modified.

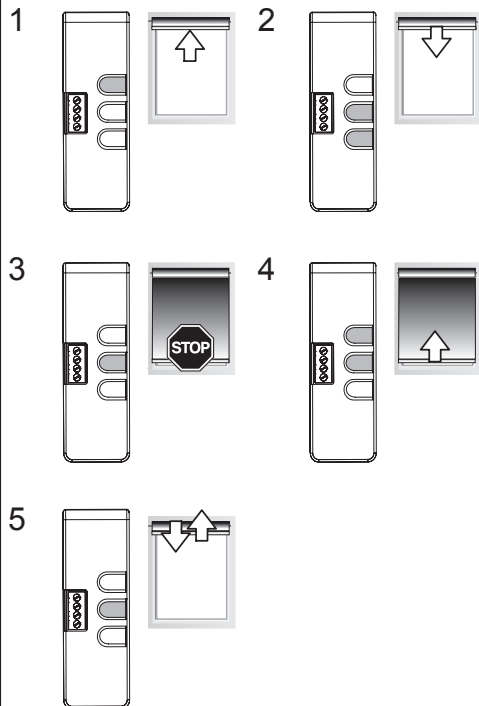
Press the setting tool UP button to check the direction of rotation.



Adjusting the end limits

The limits can be set in any sequence.

- 1) Press and hold the UP button to move the shade to the desired up position.
- 2) Press simultaneously the STOP and DOWN buttons and release them once the shade begins to move. The up limit is memorized.
- 3) Press the STOP button when it reaches the desired down position. If necessary adjust the down position, using the UP or DOWN buttons.
- 4) Press simultaneously the STOP and UP buttons and release them when the shade begins to move. The down limit is memorized. The shade moves up and will stop at its upper limit.
- 5) To confirm the end limits press and hold the STOP button until the shade jogs. The end limits are recorded.

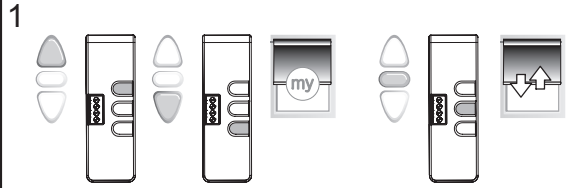


USE

MY position

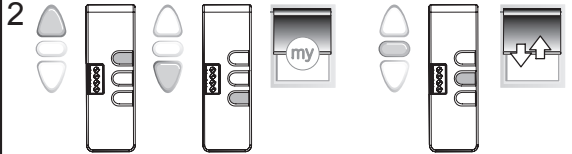
1) Recording MY position

To set the MY position, move the shade to the desired position with the UP and DOWN buttons then press the STOP button until the shade jogs.



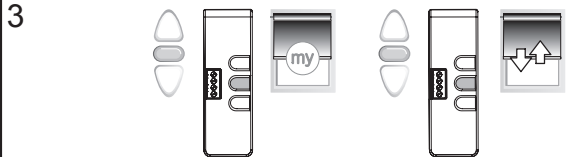
2) Changing the MY position

To change the MY position go to the new desired MY position with the UP and DOWN buttons then press the STOP button until the shade jogs.



3) Delete the MY position

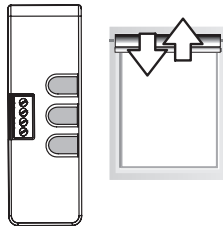
To delete the MY position, move to this position and press the STOP button until the shade jogs.



Mode Selection

By factory default, the motor is in Roller mode but you can change from a mode to another.

To change from a Roller mode to a Tilting mode, press the UP, STOP and DOWN buttons simultaneously until the shade jogs.





With the setting tool, it is possible to cancel and exit the speed or limit adjustment mode by simultaneously pressing the UP, STOP, and DOWN buttons. These modes will also be cancelled with inactivity of 2 minutes.

Adjusting the roller speed

1) Press and hold the STOP button until the shade jogs twice. The shade moves up and down automatically in 10 second cycles.

2) While the shade is moving, briefly press the UP button to increase the speed or DOWN button to decrease the speed.

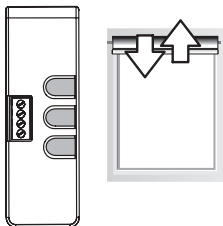
3) To confirm the new speed, press and hold the STOP button until the shade jogs.

Adjusting the Tilting speed

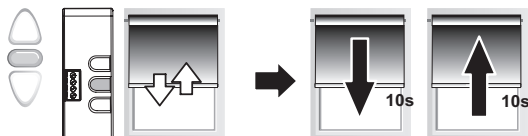
1) Press and hold the STOP button until the shade jogs 3 times. The shade moves up and down automatically in 10 second cycles.

2) While the shade is moving, briefly press the UP button to increase the speed or DOWN button to decrease the speed.

3) To confirm the new speed, press and hold the STOP button until the shade jogs.



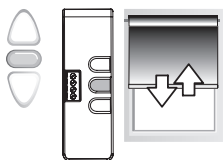
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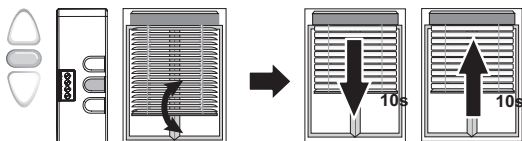
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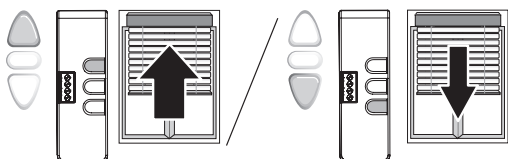
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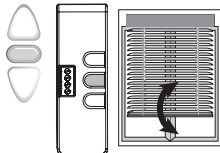
1



2



3



UP, DOWN and MY

In roller mode

1) To move the shade from a limit to the other limit, press briefly the UP or DOWN button.

2) To stop the shade, press the STOP button.

3) To move the shade to the MY position, press briefly the STOP button.

In tilting mode

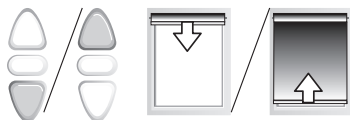
1) To move the shade from a limit to the other limit, press briefly (less than 0,5s) the UP or DOWN button.

2) To stop the shade, press the STOP button.

3) To move the shade to the MY position, press briefly the STOP button. The Venetian blind goes first to the down end-limit, then to the MY position.

4) To tilt the slats, press and hold the UP or DOWN button until the slats reach the desired position.

1



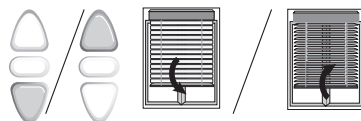
2



3



1



2



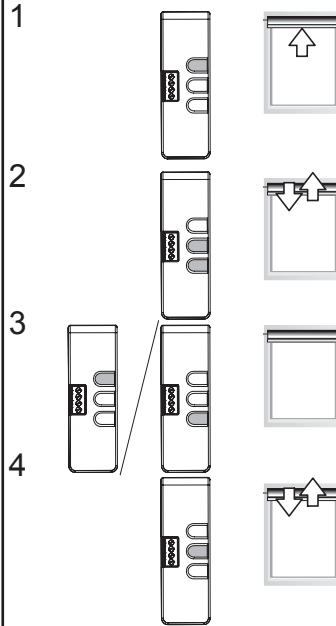
3



End limit re-adjustment

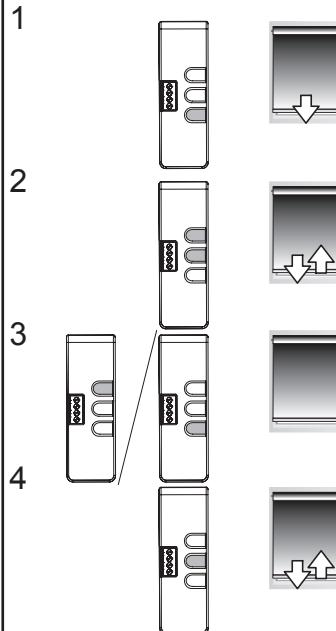
UP LIMIT

- 1) Press the UP button, to move the shade to the limit to be readjusted.
- 2) Press and hold the DOWN and STOP buttons simultaneously until the shade jogs.
- 3) Press and hold the UP or DOWN button to move the shade to the new desired position.
- 4) To confirm the new limit press and hold the STOP button until the shade jogs.



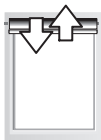
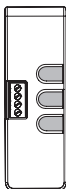
DOWN LIMIT

- 1) Press the DOWN button, to move the shade to the limit to be readjusted.
- 2) Press and hold the STOP and UP buttons simultaneously until the shade jogs.
- 3) Press and hold the UP or DOWN button to move the shade to the new desired position.
- 4) To confirm the new limit press and hold the STOP button until the shade jogs.



Modifying the direction of rotation

To reverse the rotation direction, press and hold all the three buttons simultaneously until the shade jogs twice.

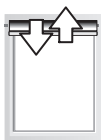
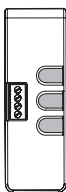


x2

Erasing the memory of the motor.

Press and hold all the three buttons simultaneously until the shade jogs 3 times.

All the settings are erased.



x3

Technical data

Voltage	24V
Operating temperature	0°C / 60 °C
Protection rating	IP30
Torque	2 Nm
Adjustable Speed	6 → 28 rpm
Roller Speed (By default)	28 rpm
Tilting Speed (By default)	16 rpm

Troubleshooting

The motor doesn't work:

Verify:

- The wiring of the motor.
- The power supply of the motor (24 V).
- The compatibility of the control
- The heat generated (wait 5 minutes for the cooling of the motor).

The equipment stops too soon:

Verify:

- The operation of end-limits during the rotation of the motor.
- The crown is properly fitted to the tube.
- The end-limits of the motor are properly adjusted.
- Verify that the shade is within the recommended weight limit

SOMFY hereby declares that this product complies with the essential requirements and other relevant provisions of Directive 1999/5/EC. A Declaration of Conformity is available at the web address www.somfy.com/CE. Suitable for use in EU, CH and NO

Somfy worldwide

Argentina: Somfy Argentina
Tel: +55 11 (0) 4737-3700

Australia: Somfy PTY LTD
Tel: +61 (2) 8845 7200
Fax: +61 (0) 2 9638 0075

Austria: Somfy GesmbH
Tel: +43 (0) 662 / 62 53 08 - 0
Fax: +43 (0) 662 / 62 53 08 - 22

Belgium: Somfy Belux
Tel: +32 (0) 2 712 07 70
Fax: +32 (0) 2 725 01 77

Brasil: Somfy Brasil Ltda
Osasco - SP - Brasil
Tel/fax: +55 11 3695 3585

Canada: Somfy ULC
Tel: +1 (0) 905 564 6446
Fax: +1 (0) 905 564 6448

China: Somfy China Co. Ltd
Tel: +8621 (0) 6280 9660
Fax: +8621 (0) 6280 0270

Croatia : Somfy Predstavništvo
Tel: +385 (0) 51 502 640

Cyprus : Somfy Middle East
Tel: +357(0) 25 34 55 40
Fax: +357(0) 25 34 19 48

Czech Republic: Somfy, spol. s.r.o.
Tel: (+420) 296 372 486-7
Fax: (+420) 272 937 846

Denmark: Somfy Nordic Danmark
Tel: +45 65 32 57 93
Fax: +45 65 32 57 94

Export: Somfy Export
Tel: + 33 4 50 96 70 76
Tel: + 33 4 50 96 75 53
Fax: + 33 4 50 96 70 91

Finland: Somfy Nordic AB Finland
Tel: +358 (0)9 57 130 230
Fax: +358 (0)9 57 130 231

France : Somfy France
Tel. : +33 (0) 820 374 374
Fax : +33 (0) 820 002 074
Tel. : +33 (0) 810 055 055

Germany: Somfy GmbH
Tel: +49 (0) 7472 930 0
Fax: +49 (0) 7472 930 9 (logistic)

Greece: SOMFY HELLAS S.A.
Tel: +30 210 6146768
Fax: +30 210 6120745

Hong Kong: Somfy Co. Ltd
Tel: +852 (0) 2523 6339
Fax: +852 (0) 2815 0716

Hungary : Somfy Kft
Tel: +36 1814 5120
Fax: +36 1814 5121

India: Somfy India PVT Ltd
Tel : +(91) 11 4165 9176
Fax: +(91) 11 4166 3080

Indonesia: Somfy Jakarta
Tel: +(62) 21 719 3620
Fax: +(62) 21 719 7447

Iran: Somfy Iran
Tel: +98-217-7951036
Fax : +98-217-7951036

Israel: Sisa Home Automation Ltd
Tel: +972 (0) 3 952 55 54

Italy: Somfy Italia s.r.l
Tel: +39-024847181
Fax: +39-024455794

Japan: Somfy KK
Tel: +81 (0)45 481 6800
Fax: +81 (0)45 481 6915

Jordan: Somfy Jordan
Tel: +962-6-5821615

Kingdom of Saudi Arabia:
Somfy Saoudi
Riyadh :

Tel/Fax: +966 1 47 23 020
Tel/Fax: +966 1 47 23 203
Jeddah :
Tel: +966 2 69 83 353
Fax: +966 2 25 75 938

Kuwait: Somfy Kuwait
Tel/Fax: +965 4348906

Lebanon: Somfy Lebanon
Tel: +961 (0) 1 391 224
Fax: +961 (0) 1 391 228

Malaysia: Somfy Malaysia
Tel: +60 (0) 3 228 74743

Mexico: Somfy Mexico SA de CV
Tel: 52 (55) 4777 7770
Fax: 52 (55) 5390 5530

Morocco: Somfy Maroc
Tel: +212-22443500
Fax: +212-22443523

Netherlands: Somfy BV
Tel: +31 (0) 23 55 44 900
Fax: +31 (0) 23 56 15 823

Norway: Somfy Nordic Norge
Tel: +47 41 57 66 39
Fax: +47 67 97 96 21

Poland: Somfy Sp. zo.o.
Tel: +48 (22) 50 95 300
Fax: +48 (22) 50 95 301

Portugal: Somfy Portugal
Tel. +351 229 396 840
Fax. +351 229 396 849

Romania: Somfy SRL
Tel.: +40 - (0)368 - 444 081
Fax: +40 - (0)368 - 444 082

Russia: Somfy LLC
Tel.: +7 495 781 47 72
Fax: +7 495 781 47 73

Serbia: SOMFY Predstavništvo
Tel: 00381 (0)25 841 510

Singapore: Somfy PTE Ltd
Tel: +65 (0) 6383 3855
Fax: +65 (0) 6383 4933

Slovak republic: Somfy, spol. s.r.o.
Tel: +421 337 718 638
Tel: +421 905 455 259
Fax: +421 337 718 639

South Korea: Somfy JOO
Tel: +82 (0) 2594 4331
Fax: +82 (0) 2594 4332

Spain: Somfy Espana SA
Tel: +34 (0) 934 800 900
Fax: +34 (0) 933 770 396

Sweden: Somfy Nordic AB
Tel: +46 (0) 40 16 59 00
Fax: +46 (0) 40 16 59 27

Switzerland: Somfy A.G.
Tel: +41 (0) 44 838 40 30
Fax: +41 (0) 44 836 41 95

Syria: Somfy Syria
Tel: +963-9-55580700

Taiwan: Somfy Development and Taiwan
Branch.
Tel: +886 (0) 2 8509 8934
Fax: +886 (0) 2 2532 4680

Thailand: Bangkok Regional Office
Tel: +66 (0) 2714 3170

Tunisia: Somfy Tunisia
Tel: +216-98303603

Turkey: Somfy TurkeyMah
Tel: +90 (0) 216 651 30 15
Fax: +90 (0) 216 651 30 17

United Arab Emirates: Somfy Gulf Jebel Ali
Free Zone
Tel: +971 (0) 4 88 32 808
Fax: +971 (0) 4 88 32 809

United Kingdom: Somfy Limited
Tel: +44 (0) 113 391 3030
Fax: +44 (0) 1133913010

United States: Somfy Systems
Tel: +1 (0) 609 395 1300
Fax: +1 (0) 609 395 1776

