

Manual Maestria WT motor



Maestria WT Table of content

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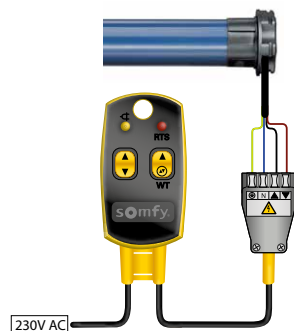
Setting the Maestria WT motor

Setting 1: Setting of 2 fixed end limits

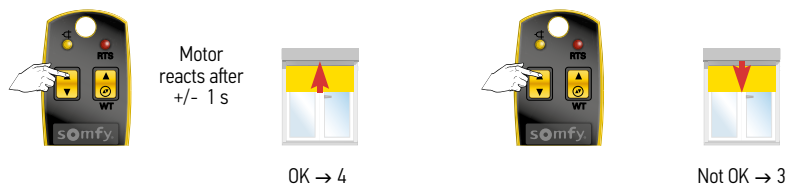
A cable with a shunt (WT) switch is needed for setting a WT motor.

This switch allows powering both directions simultaneously and it is needed to start and stop the setting process.

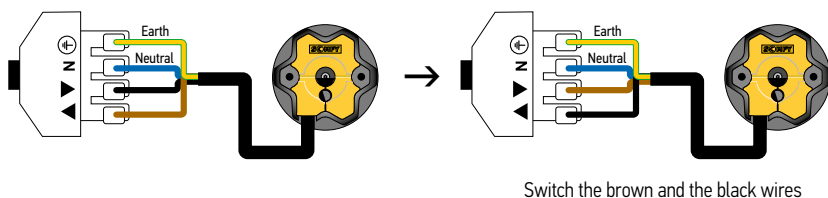
1 Connect the motor using a setting cable



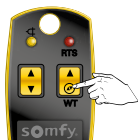
2 Check the rotation direction



3 Adjust the rotation direction (cut first the power to the motor)



4 Activate the setting mode



Push the WT button until...



...a short up and down movement

Remark:

Keep the button(s) pushed until the end of the second movement

Setting the Maestria WT motor

Maestria WT

5 Setting of the upper end limit



Push the UP button until...



...a short up and down movement



Set the end limit



Remark:

Keep the button(s) pushed until the end of the second movement

6 Confirm the upper end limit



Push the DOWN button briefly +

+



Keep the DOWN button pushed until...



...short up and down movement

Remark:

Keep the button(s) pushed until the end of the second movement

7 Setting of the down end limit



Set the end limit

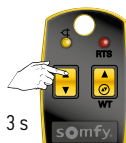


8 Confirm the down end limit



Push the UP button briefly +

+



Keep the UP button pushed until...

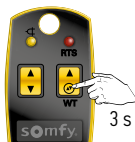


...short up and down movement

Remark:

Keep the button(s) pushed until the end of the second movement

9 Closing the setting mode



Push the WT button until...



...short up and down movement

Remark:

Keep the button(s) pushed until the end of the second movement

Setting the Maestria WT motor

Setting 2: Setting of 1 fixed down end limit and an automatic upper end limit.

After the setting, the bottom bar will compensate the fabric lengthening every 30 cycles. After 180 cycles, this frequency will change to every 90 cycles. A cable with a shunt (WT) switch is needed for setting a WT motor. This switch allows powering both directions simultaneously and it is needed to start and stop the setting process.

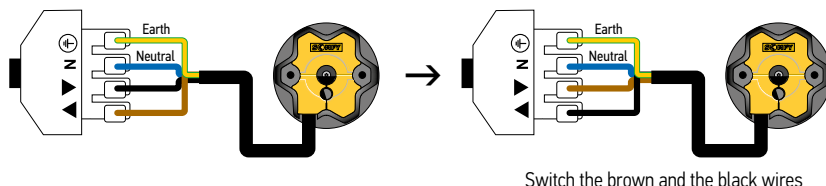
1 Connect the motor using a setting cable



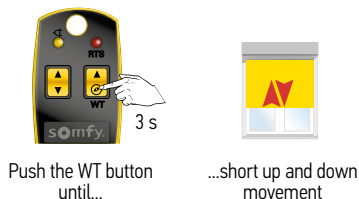
2 Check the rotation direction



3 Adjust the rotation direction (cut first the power to the motor)



4 Activate the setting mode



Remark:
Keep the button(s) pushed until
the end of the second movement

5 Setting the down end limit



Push the UP button until...



...short up and down movement



Set the end limit



Remark:

Keep the button(s) pushed until the end of the second movement

6 Confirm the down end limit



Push the UP button +

+



Keep pushed the UP button until...

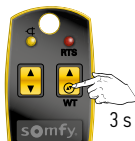


...short up and down movement

Remark:

Keep the button(s) pushed until the end of the second movement

7 Closing the setting mode



Push the WT button until...



...short up and down movement

Remark:

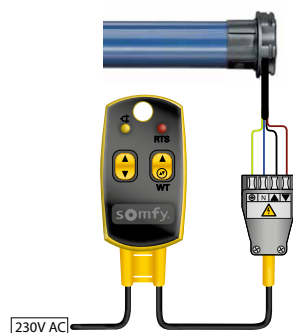
Keep the button(s) pushed until the end of the second movement

Setting the Maestria WT motor

Setting 3: Setting of 2 automatic end limits

After the setting, the bottom bar will compensate the fabric lengthening every 30 cycles. After 180 cycles, this frequency will change to every 90 cycles. A cable with a shunt (WT) switch is needed for setting a WT motor. This switch allows powering both directions simultaneously and it is needed to start and stop the setting process.

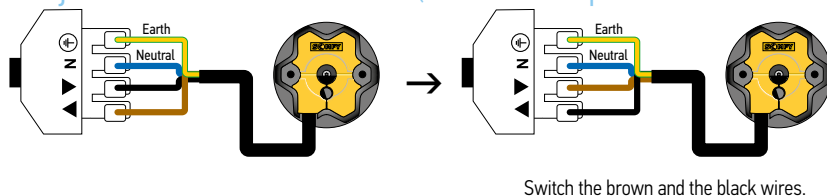
1 Connect the motor using a setting cable



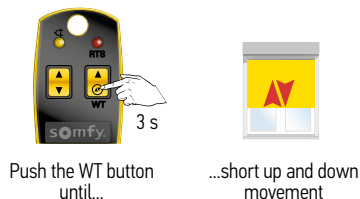
2 Check the rotation direction



3 Adjust the rotation direction (cut first the power to the motor)



4 Activate the setting mode



Remark:
Keep the button(s) pushed until the end of the second movement.

Setting the Maestria WT motor

Maestria WT

5 Activate the full automatic mode



Push the up button until...



...short up and down movement



Push the WT button until...



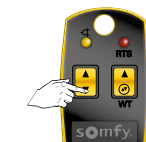
...short up and down movement

Remark:
Keep the button(s) pushed until the end of the second movement.

6 Go to the down end limit



Set the screen in the middle

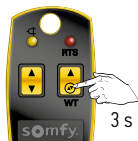


Keep the down button pushed until...



...the motor stops automatically in the down end position

7 Close the setting mode



Push the WT button until...



...short up and down movement

Remark:
Keep the button(s) pushed until the end of the second movement.

Adjusting end limits on the WT motors (for motors from 2015)

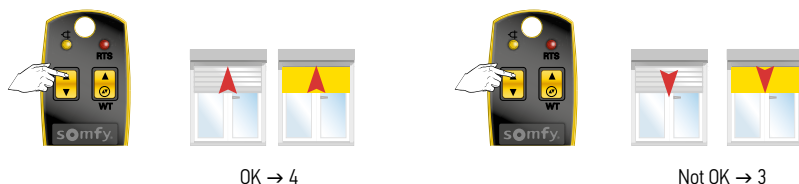
Adjusting the upper end limit of a Maestria WT motor (fixed end limit), an Oximo WT motor (fixed end limit) or an Altus WT motor

A cable with a shunt (WT) switch is needed for setting a WT motor. This switch allows powering both directions simultaneously and it is needed to start and stop the setting process.

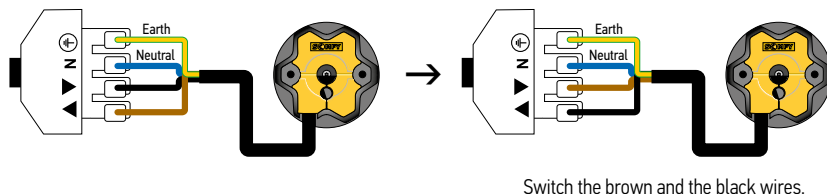
1 Connect the motor using a setting cable



2 Check the rotation direction



3 Adjust the rotation direction (cut the power to the motor first)



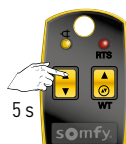
4 Put the rolling shutter or the screen in the upper end limit



Adjusting end limits on the WT motors (for motors from 2015)

Oximo WT, Altus WT and Maestria WT

5 Adjusting the upper end limit



5 s

Push the UP button for 5 s,
then wait 2 s



2 s



Push the UP button
until...

± 6 s



...short up and down
movement

Remark:

**Keep the button(s) pushed
until the end of the second
movement**

6



Push the UP button
until short up and down
movement



Push the UP button
until short up and down
movement



Push the UP button
until short up and down
movement



Push the UP button
until short up and down
movement

After 6 s the rolling shutter or screen responds
Maximum of 6 s between 2 operations

7 Adjusting the upper end limit



or

Adjust

Motor responds
after +/- 1 s



8 Confirm the new upper end limit and close



0,5 s

Push the DOWN button
briefly and wait for 2 s



2 s



Push the DOWN
button until...



...short up and down
movement



3 s

Keep the WT button
pushed until...



...short up and down
movement

Adjusting end limits on the WT motors (for motors from 2015)

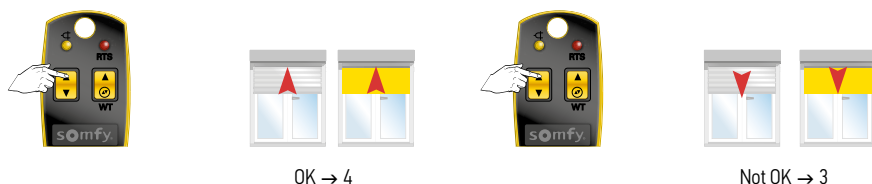
Adjusting the down end limit of a Maestria WT motor (fixed end limit), an Oximo WT motor (fixed end limit), an Altus WT motor or an Orea WT motor

A cable with a shunt (WT) switch is needed for setting a WT motor. This switch allows powering both directions simultaneously and it is needed to start and stop the setting process.

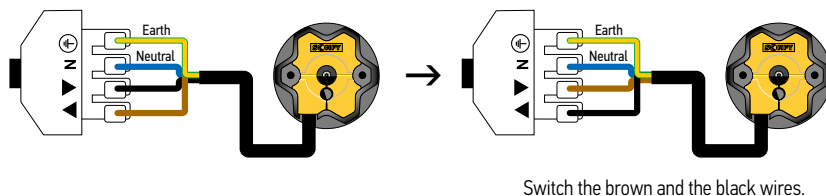
1 Connect the motor using a setting cable



2 Check the rotation direction



3 Adjust the rotation direction (cut the power to the motor first)



4 Put the rolling shutter or screen in the down end limit



Adjusting end limits on the WT motors (for motors from 2015)

5 Adjusting the down end limit



Push the DOWN button for 5 s, then wait 2 s



Push the DOWN button until...

± 6 s



...short up and down movement

Remark:

Keep the button(s) pushed until the end of the second movement

6



Push the DOWN button until short up and down movement



Push the DOWN button until short up and down movement



Push the DOWN button until short up and down movement



Push the DOWN button until short up and down movement



After 6 s the rolling shutter or screen responds
Maximum of 6 s between operations

7 Adjusting the down end limit



Motor responds after ± 1 s



Adjust

8 Confirm the new down end limit and close



0,5 s



2 s

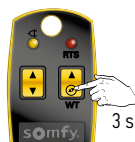


Push the UP button briefly and wait 2 s

Push the UP button until...



...short up and down movement



3 s

Keep the WT button pushed until...



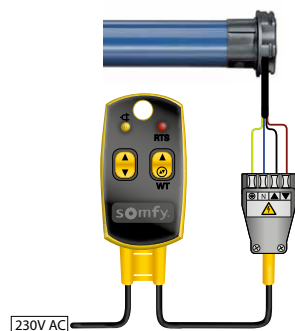
...short up and down movement

Setting the Maestria WT motor

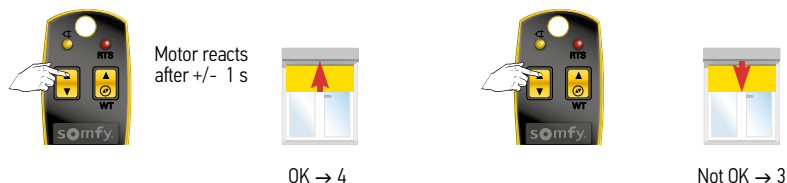
Activate the obstacle detection

A cable with a shunt (WT) switch is needed for setting a WT motor. This switch allows powering both directions simultaneously and it is needed to start and stop the setting process.

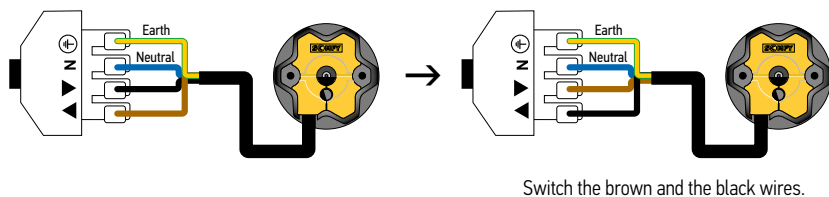
1 Connect the motor using a setting cable



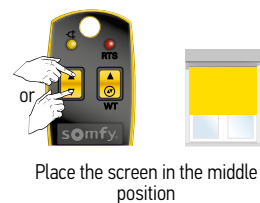
2 Check the rotation direction



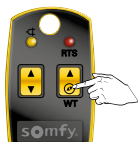
3 Adjust the rotation direction (cut the power to the motor first)



4 Place the screen in the middle position



5 Activate the setting mode



Keep the WT button pushed until...



...short up and down movement

Execute the next step within 10 s.

Remark:
Keep the button(s) pushed until the end of the second movement

6 Activate the obstacle detection



Push the DOWN button briefly



...short up and down movement

The obstacle detection is now activated.

7 Closing the setting mode



Push the WT button until...



...short up and down movement

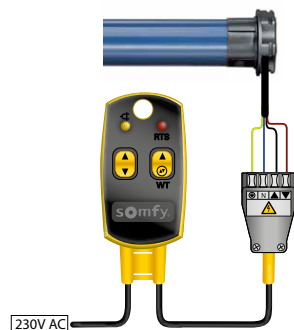
Remark:
Keep the button(s) pushed until the end of the second movement

Setting the Maestria WT motor

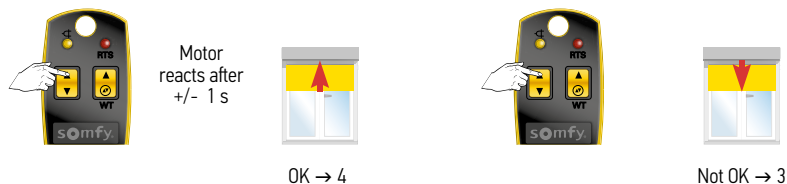
De-activation of the obstacle detection

A cable with a shunt (WT) switch is needed for setting a WT motor. This switch allows powering both directions simultaneously and it is needed to start and stop the setting process.

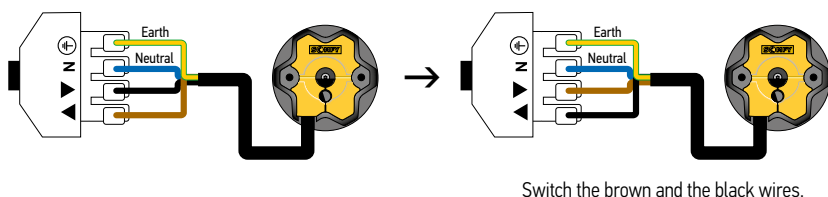
1 Connect the motor using a setting cable



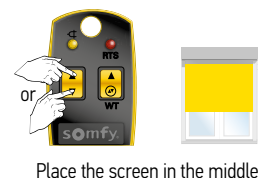
2 Check the rotation direction



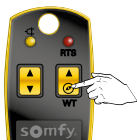
3 Adjust the rotation direction (cut the power to the motor first)



4 Place the screen in the middle



5 Activate the setting mode



Keep the WT button pushed until...



...short up and down movement

Execute the next step within 10 s.

Remark:
Keep the button(s) pushed until the end of the second movement

6 De-activate the obstacle detection



<1 s

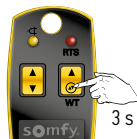
Push the UP button briefly



Slow up and down movement

The obstacle detection is de-activated

7 Closing the setting mode



Push the WT button until...



...short up and down movement

Remark:
Keep the button(s) pushed until the end of the second movement

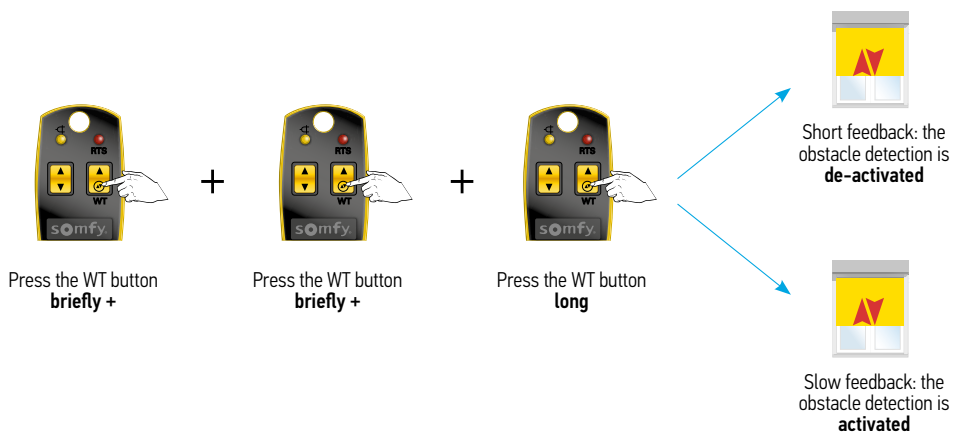
Blocking or activating the end limit adjustment

A cable with a shunt (WT) switch is needed for setting a WT motor. This switch allows powering both directions simultaneously and it is needed to start and stop the setting process.

1 Connect the motor using a setting cable



2 Blocking or activating the end limit adjustment

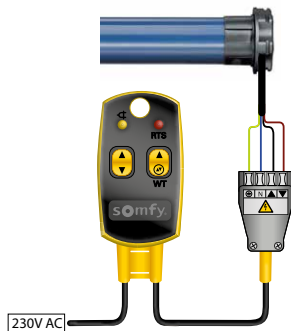


Resetting a WT motor

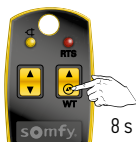
WT

A cable with a shunt (WT) switch is needed for setting a WT motor. This switch allows powering both directions simultaneously and it is needed to start and stop the setting process.

1 Connect the motor using a setting cable



2 Reset the motor



Press the WT button
for 8 s until...



...2 short up and down movements

3 The motor has been reset