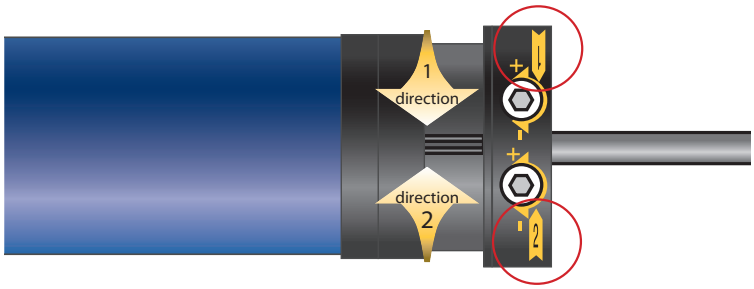
LS40 & Sonesse WT
Limit settings

WIRED TECHNOLOGY™

1 Identifying the correct limit adjuster



INFORMATION:
The LS40 motor is supplied preset with 3 tube revolutions between limits

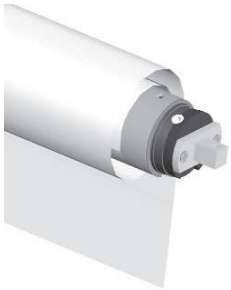
Identify the limit adjuster which corresponds to the rotational direction

Motor RH side

Fabric/shutter rolling from the front

Direction 1 = DOWN

Direction 2 = UP

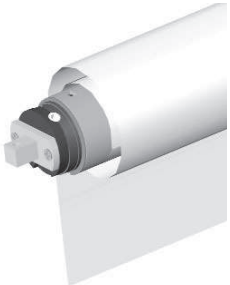


Motor RH side

Fabric/shutter rolling from the rear

Direction 1 = UP

Direction 2 = DOWN



Motor LH side

Fabric/shutter rolling from the rear

Direction 1 = DOWN

Direction 2 = UP

Motor LH side

Fabric/shutter rolling from the front

Direction 1 = UP

Direction 2 = DOWN

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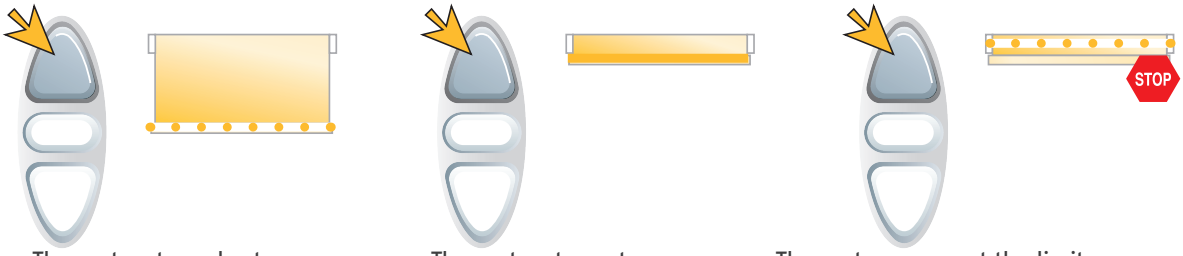
Note: Do not use a drill to set progressive limit switches

2 UP limit position – 3 potential scenarios



The motor stops short

✘ Go to step 3

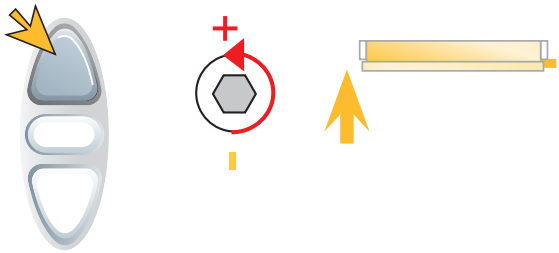
The motor stops at the correct position

✔ Go to step 5

The motor runs past the limit

✘ Go to step 4

3 Increase the limit range at the UP limit position while giving an up command

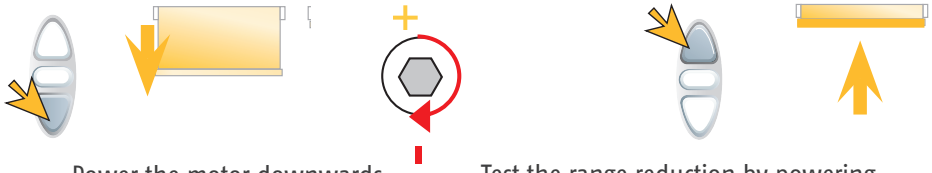


Adjust the corresponding limit adjuster in the '+' direction to increase the limit range. A large limit range distance will require many turns on the limit adjuster. A small limit range distance will require minor limit adjustment.

✔ Go to step 5

4 Decrease the limit range at the UP limit position

Give a down command to send the motor to approx 300mm from the desired top limit. Turn the corresponding limit adjuster in a clockwise direction (towards '–') for approx. 20 turns. give the up command. If the motor does not stop before the desired limit then repeat until the limit is found.



Power the motor downwards then reduce the limit range

Test the range reduction by powering the motor up. Repeat the process if more reduction is required.

✔ Go to step 3

SOMFY TIP

Limits are much easier to set when the motor is controlled by a Somfy test lead during the process.
Somfy Universal Test Lead, Reference – 9015971

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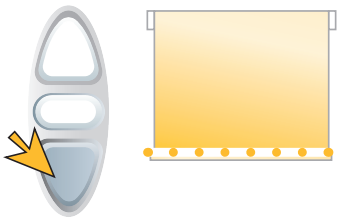
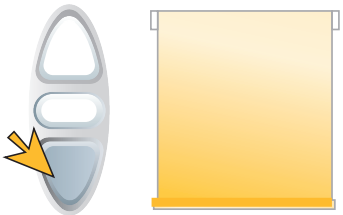
5 Lower limit position - 3 potential scenarios



The motor stops short

Go to step 6



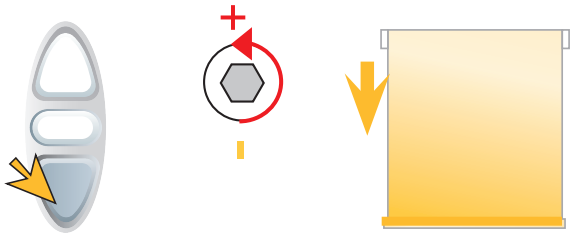
The motor stops at the correct position

✔ Go to step 8

The motor runs past the limit

Go to step 7

6 Increase the limit range at the Lower limit position while giving a down command



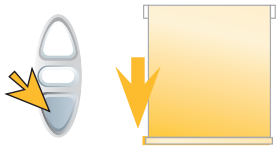
Adjust the corresponding limit adjuster in the '+' direction to increase the limit range. A large limit range distance will require many turns on the limit adjuster. A small limit range distance will require minor limit adjustment.

✔ Go to step 8

7 Decrease the limit range at the Lower limit position

Give an up command to send the motor to approx 300mm from the desired bottom limit. Turn the corresponding limit adjuster in a clockwise direction (towards '-') for approx. 20 turns. Give the down command. If the motor does not stop before the desired limit then repeat until the limit is found.

Power the motor upwards then reduce the limit range



Test range reduction by powering the motor down
Repeat process if more reduction is required

✔ Go to step 6

8 Test the limits

✔ The limits are now set

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