

Advice: If you press the control switch and at the same time pull the traverse joint manually out of his traversing range, for example into the stack beyond the switch off position, the motor starts turning and traverses - corresponding to switch setting. It moves as far as possible into the stack, respectively at the opposite side against the rail counter bearing without switching off. As soon as the traverse joint will manually be pulled into the stopping range of the motor again, the motor will find its switch off position and stops.

6. New adjustment of switch off positions

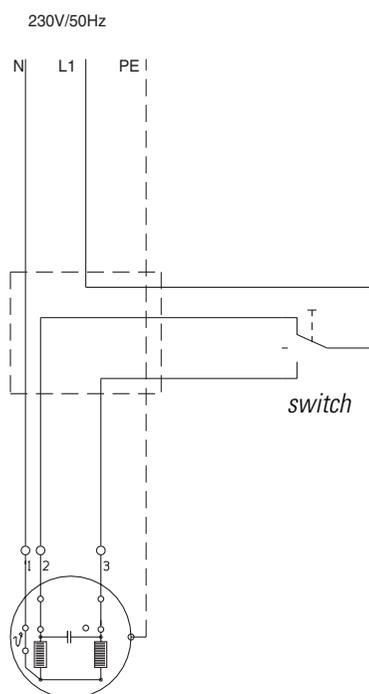
Reset of the motor into delivery status for re-installation of the switch off position:

1. Move curtain into switch off position "open curtain" (stack position).
2. Release motor and remove it from curtain track.
3. Adjust new stack position at traverse joint manually.
4. Keep pressing lower motor key and press switch for moving direction "shut curtain". Let motor turn until it stops automatically.
5. Release lower motor key.
6. Switch off positions are on top of each other. Test by pressing both motor keys. Motor does not turn in any way.
7. Fix motor at the rail and lock it.
8. Keep on pressing upper motor key and press control switch for moving direction "shut curtain" until the requested switch off position is reached.

7. Radio remote control

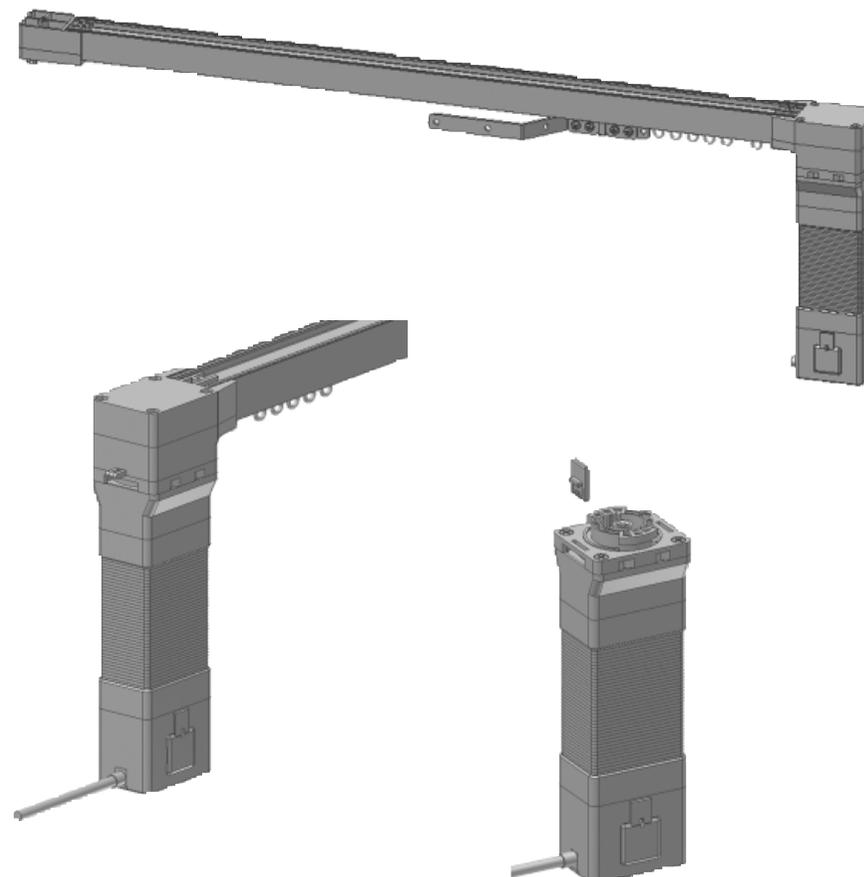
You can control Easytrack PLUS easily via radio remote control. For this a separate receiver is being integrated into the supply line. Operation is done with hand sender for one or more curtain tracks. Per group controls it is possible to control multiple curtain tracks.

Wiring diagram:



sundrape®
special shading systems

Technical instruction
Curtain track motor EASYTRACK PLUS



Subject to technical modification. • If these instructions are not being considered, the guarantee is not applicable • 10.2009

1. Technical data

Nominal voltage	230 V
Nominal power	50 W
Nominal current	0,23 A
Frequency	50 Hz
Operating mode	S3 50%
Sense of rotation	right/left
Nominal speed	750 rpm
Protection	only for dry rooms
Certificate	CE
Connection	4 x 0,75 mm ² , 1 m long
Dimensions	width 60 x 40 x height 192 mm
Speed	290 mm/s
Rail length	up to 7000 mm
Draper weight	15 kg
Switch off	yes, push button
Radio control	yes
Groups	yes

2. Electrical connection

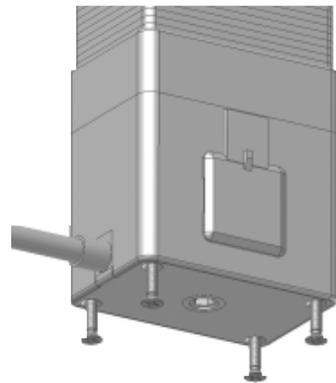
The motor is being delivered ready for connection and has to be wired color-coded at the free end of the motor wire. In certain cases it might be necessary to wire the supply directly in the motor.

For this open the lower cover (illustr. 1) carefully, guide the cable through the cable grommet and wire according to illustr. 2. The connection board can be lift up abt. 20 mm and has to be pressed down cautiously after wiring. Close cover again. Use for operation only locked push button switches like venetian blind switches or comfortable switches with visual null-position. Wiring diagram see overleaf.

3. Switch off positions

On delivery the switch off position "open curtain" (stack position) as well as traverse path of abt. 500 mm are preset. **Do not activate the motor until starting up the curtain track!**

direction of rotation "open curtain" (stack position) anti-clockwise



illustr. 1

yellow/green brown black grey



illustr. 2

4. Switch off position for stacked curtain

The motor can optionally be fixed on the right or left side of the curtain track rail. The motor has not yet been mounted!

1. Move traverse joint manually to the required stack position, sticker plus 1 cm (illustr. 3).
2. Take care that the motor bar is in the rail gear.
3. Turn motor into the bajonett coupling, until the covers of the adjusting switches show towards the room. At the same time the traverse joint moves to a position directly above the sticker. While turning in push both buttons at the same time.
4. Now the switch off position for stacked drapery is already fixed. Pressing motor key or traversing is not necessary!



illustr. 3

5. Switch-off position for closed curtain

Start motor. The motor does only respond to the control switch "shut curtain" and traverses abt. 500 mm. Put control switch in null-position. The moving direction of the traverse joint is according to the arrow on the control switch. If not, change black and brown connection cable at control switch. Remove cover cap for motor keys (ill. 4). Keep on pressing upper motor key and press control switch for moving direction "shut curtain". Move traverse joint to switch off position "shut curtain" (illustr. 5). You can shuttle as long as the exact position has been reached.

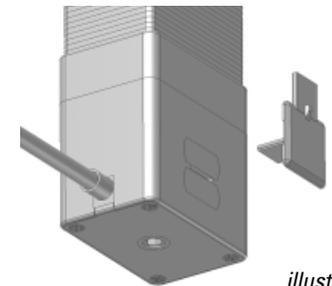
Advice: alternatively you can also engage the switch setting "shut curtain" and move the traverse joint towards switch off position "shut curtain" by tapping the upper motor key.

Important: As soon as you release the motor key, a switch-off position is memorized. To modify this memorized position, turn control switch to null-position, re-press the upper motor key and then engage control switch "shut curtain" until the requested switch-off position is reached. The same proceeding can be applied in order to modify a memorized stack position, in this case just re-press the lower motor key.

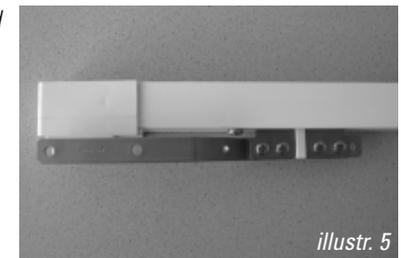
The motor keys can also be kept pressed by means of the cover cap (ill. 6). So the operator may, especially in case of long rails, move away from the motor in order to better adjust switch-off position "shut curtain". Same proceeding is applicable for switch-off position "stacked curtain". The switch-off positions can also be adjusted manually with the help of the cover cap: Press control switch "shut curtain". Wait until the motor stops. Put control switch into null-position.

Engage upper motor key by means of cover cap. Move traverse joint manually to desired switch-off position. Remove cover cap.

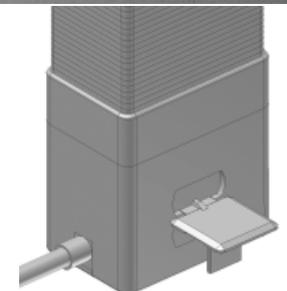
Switch-off position is adjusted and memorized. Same proceeding is applicable for a simple modification of switch-off position "stacked curtain" is possible.



illustr. 4



illustr. 5



illustr. 6



Safety instructions

Before starting sundrape® electric motors, group controls and radio remote controls carefully read technical instructions for connexion, mounting and operation.

In case of damages caused by disregarding these instructions, the guarantee expires. For consequential damages we do not assume any responsibility.

Attention – to assure the security of persons and facilities these instructions have to be observed absolutely! File the instructions carefully!

This device is not designed for employees (including kids) with limited physical or mental skills or sensory perception or for persons with a lack of experience or knowledge, unless they are supervised by a person who is responsible for their security or unless they received instructions how to use the device.

Children are not allowed to play with stationary controls and electrical systems. Keep radio remote control devices away from children! Kids should be watched to make sure that they do not play with the device.

The system has to be checked regularly on signs of wear or damaged electrical lines.

Attention – inadequate mounting can cause severe injuries!

Before you start maintenance work on electrical blinds, always cut off power supply. The same applies to window cleaning work, if contact of humidity and cleaning agents with the electrical systems is possible.

Connexion instructions for sundrape® electric motors

Connexions and supply lines have to be passed on site by authorized electricians according to VDE (German Electrical Engineering Association) and local EVU (electric supply company) instructions.

For controls of two and more motors a group control is required. Cable laying plans and wiring diagrams for group and central controls as well as remote controls can be submitted on request. Switch off unused lines and systems before you connect the motor. Place push-buttons above a height of 1,5 m near the system.

Allowed running periods and torques have to correspond with the motor's technical data.

In order to avoid backing ups of condensers of running motors, parallel connexion of two or more motors at one exit is prohibited. For decoupling purposes a separate contact for each direction of rotation is required. Use only mechanically or electrically locked switches and push-buttons. Switches and controls may not permit concurrent up and down operation! The time to change the running direction from up/down to down/up has to be at a minimum of 0,5 seconds. This applies also for programmable control devices.