

### Safety instructions



Before starting Trietex motors, group controls and radio remote controls carefully read technical instructions for wiring, mounting and operation.

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

Attention - to assure the safety of persons and facilities these instructions must be strictly adhered to! Please keep these instructions for future reference!

Children are not allowed to play with system controls and electrical systems. Keep radio remote control devices away from children!

The System has to be checked regularly for signs of wear or damaged wires.

Attention - inadequate mounting can cause severe injuries!

Before starting any maintenance work on electrical blinds, make sure the power supply is switched off. The same safety measure applies to window cleaning work, if water and detergents may get into contact with the electrical systems.

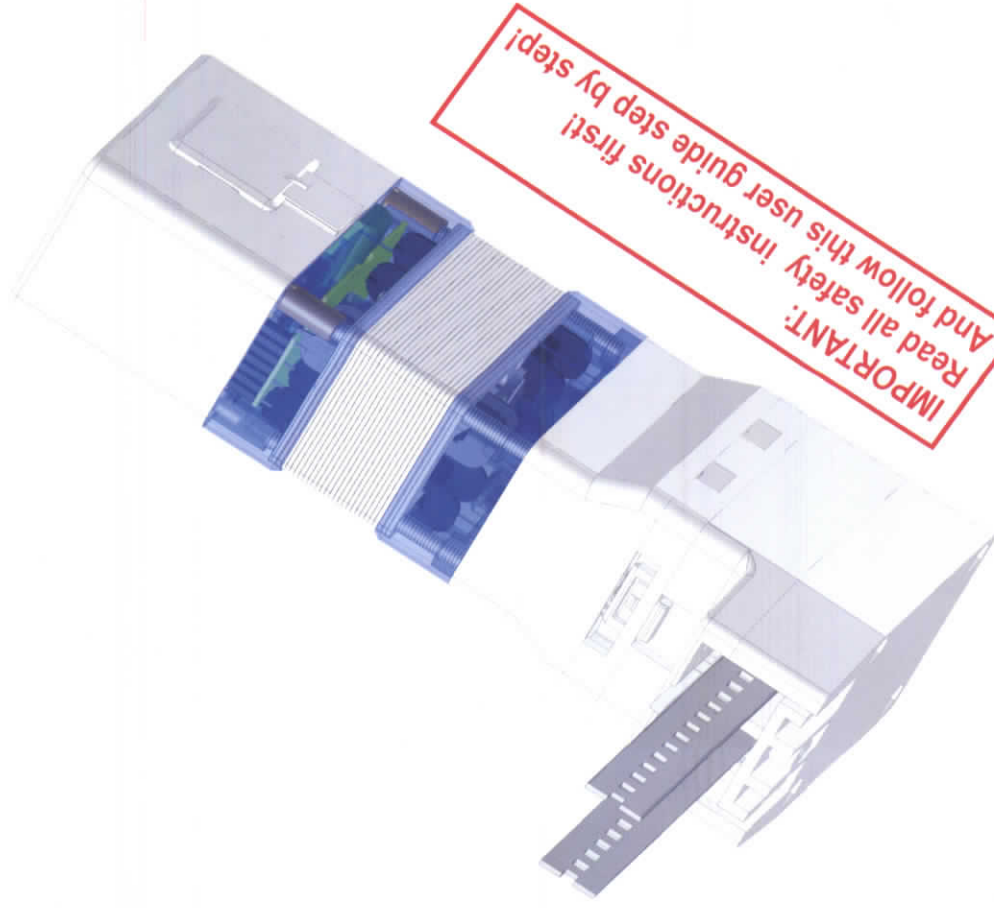
### Electrical installation instructions for Trietex® motors

Connections and power supply 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. Wiring diagrams for group and central controls as well as remote controls can be submitted on request.

Switch off unused power 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 of the rail system have to correspond with the motor's technical data.

In order to avoid inverse voltage of condensers of running motors, parallel connection 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 has to be at a minimum of 0,5 seconds. This applies also for programmable control devices.

## EasyTrack Plus Series (ET+)



**IMPORTANT:**  
Read all safety instructions first!  
And follow this user guide step by step!

Subject to technical modifications. The warranty is invalid if these instructions are not followed.  
The motor is available in the following sizes: 30, 45, 55 Watt

**Step 1: accessing the circuit board inside the motor**  
 Open the end cap of the motor by removing four screws. Be careful not to disassemble the complete motor after removing the last screw. (see picture 1)

Also do not tear out the metal pin, marked with a red circle, while removing the cover. (see picture 2)



Picture 1

Now you may carefully slide out the circuit board with the help of a screw driver up to two centimetres for easier attaching the cables. (see picture 3)



Picture 2

**Step 2: connecting the motor to the power supply**

**Double check that there is no electric power on the cables! Remove the corresponding fuse, and make sure that it will not be replaced until wiring is complete.**

Connections and supply lines have to be installed at the building-site by qualified electricians accordance with official regulations.

Parallel switching of motors is not permitted. For group control you have to use either a Trietex group control or other group controls approved by Trietex.

**Dry rooms only!**

(see pictures 4 and 5)

PE = protective conductor (yellow/green)

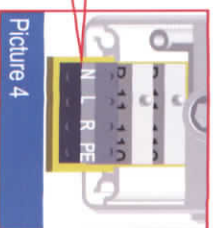
R = right-handed rotation (control wire brown) = closing the curtain

L = left-handed rotation (control wire black) = opening the curtain

N = neutral conductor (grey or blue)



Picture 5



Picture 4



Picture 3

When pushing the circuit board back into its original position, you may need to shift the white levers inside the motorhousing upwards.

**Fix the cable with the strain relief.**

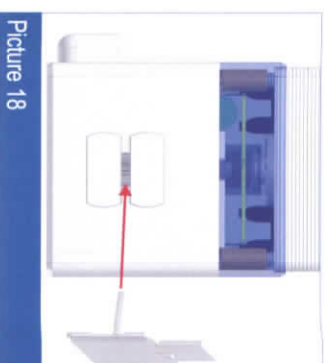
**Step 9: Cover the push buttons to prevent accidental use**

Use the button cover, provided with the motor, to cover the limit setting buttons. (see picture 18 and 19)



Picture 19

**Cover the push buttons**



Picture 18

**Note:**

If the master carrier is pulled manually across an already set end position while the power supply to the motor is still turned on, the motor will start running until the master carrier reaches the end of the rail. A clicking/ rattling noise will be audible but this does not indicate a problem with the motor. The motor will not have lost its set end positions.

The problem can be solved by turning off the power with the wall switch/ remote control and switching it on again in the opposite direction, e.g.: if the curtain is closed, turn on the power to open the curtain or if the curtain is open, close it.

**Spare parts:**

We offer all important spare parts direct from stock.

A list of the most common spare parts can be downloaded.

[www.trietex.de/pdf/sparecat.pdf](http://www.trietex.de/pdf/sparecat.pdf)

Please request spare parts using this form.

[www.trietex.de/pdf/sparepartsform.pdf](http://www.trietex.de/pdf/sparepartsform.pdf)

Important: modifications or repairs on the electronics should only be done by authorized and trained staff!

**Warranty Repairs.**

For warranty repairs please contact your Trietex® dealer or distributor. In urgent cases please contact us before returning motors. Any return shipment must be freight prepaid.

All shipments from Trietex® will be made EXW, freight collect.

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E-Mail: [info@trietex.de](mailto:info@trietex.de)



Flange joint (white)  
 Art-Nr.: 1-169-11-22



Limit setting button cover  
 Art-Nr.: 0-118-11-22



Safety-clip (white)  
 Art-Nr.: 1-363-21-22

## Step 7: Changing an already set end position (see picture 16)

1. Turn off the power, run the motor with wall switch/ remote control until it has reached the end position you want to change (e.g. closed end position)

2. Turn off the power, after the motor stopped!

3. Press the appropriate limit setting button, by using the limit setting button cover. "set close" if you want to change the closed end position)

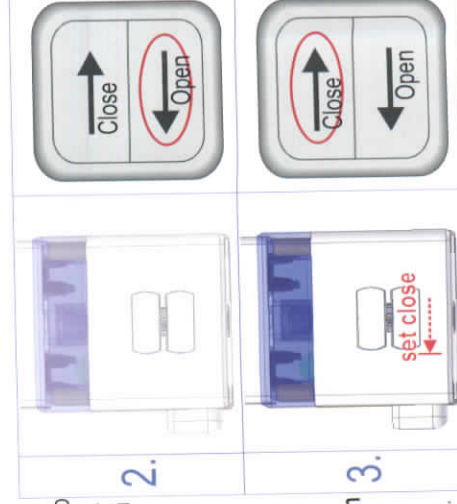
4. Press the limit setting button, run the motor in the direction you want the limit to be shifted to, by turning on the power. As soon as you approach the new position turn off the power and do the fine adjustment by hand or with an Allen key. Release the limit setting button.

## Step 8: Reset the end positions to factory default (see picture 17)

1. Remove the motor from the rail.
2. Turn on the power and let the motor run into any direction (e.g. open), until the motor stops. Now turn off the power! Press alternating both limit setting buttons, to find out which of the two buttons emits a clicking sound.
3. Press the clicking button and keep it pressed, while you turn the power on into the opposite direction than before. (e.g. close) The motor will stop when both end positions are overlapping. (max running time between end positions is 2 min 30 sec [230V version]) After the motor stopped, turn off the power and release the limit setting button.



Picture 16



Picture 17

### Step 3: preparations before attaching the motor at the rail gear

Insert the Safety-clip into the groove of the rail gear. (see picture 6)

**THIS IS VERY IMPORTANT FOR SETTING THE POSITIONS!**

The **open position** can be set without the motor!

Place the curtain runner by hand at the position at the motor side of the rail. (see picture 7)

Please bear in mind the stacking requirements of the curtains.

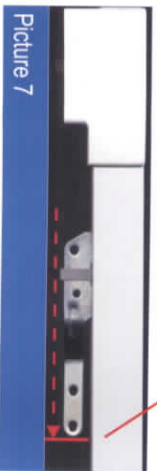
The closed position will be set up later. (see picture 8)



Picture 6

Open position

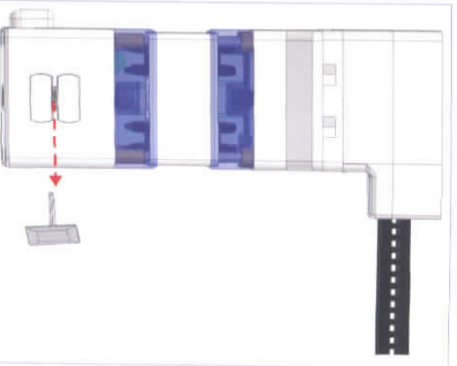
Closed position



Picture 7



Picture 8



Picture 9

### Step 4: Remove the cover of the limit setting (see Picture 9)

Make sure you do not to loose the cover!

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