



Cabling and limit settings for 230v Relay Operated Roller Blinds

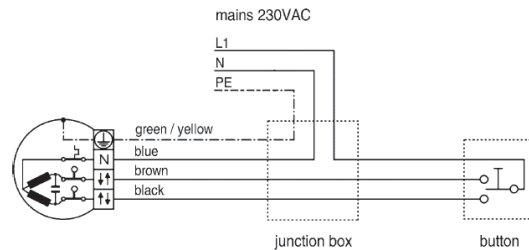
Our relay operated motors use 4-core cabling. Each motor should be controlled by its own switching relay. The diagram below outlines cabling. And below this you will find instructions for setting the mechanical limits.

Cabling



ATTENTION!

Parallel control of more than one conventional drive motor can only be implemented by means of isolating relays.



Wire colours of motor connection cables:

- green/yellow: ground conductor/PE
- blue: neutral conductor/N
- brown: phase turning direction 1
- black: phase turning direction 2

Limit Setting

The limit position switch is pre-set to about two turns of the shaft.

- Turning the adjusting screw towards the "+" increases the travel.
- Turning the adjusting screw towards the "-" decreases the travel.

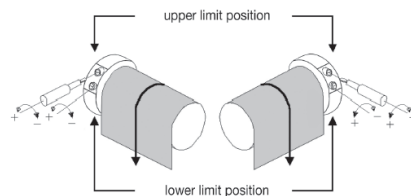
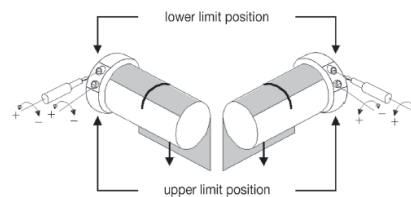
Refer to the diagrams opposite to see which adjusting screw should be used for which switch-off point.

Setting the "lower" limit position

1. Move the motor *downwards* until the automatic limit position switch independently stops the motor.
2. If the pre-set limit point cannot be reached (e.g. end of material reached), move the motor *upwards* and then turn the relevant adjusting screw towards the "-" to shorten the travel. If necessary, repeat this process until the motor stops at the desired end position.
3. Now turn the adjusting screw towards the "+" until the motor has reached the desired *lower* position.

Setting the "upper" limit position

1. Move the motor *upwards* until the automatic limit position switch independently stops the motor.
2. If the pre-set limit point cannot be reached (e.g. material runs into the cassette), move the motor *downwards* and then turn the relevant adjusting screw towards the "-" to shorten the travel. If necessary, repeat this process until the motor stops at the desired end position.
3. Now turn the adjusting screw towards the "+" until the motor has reached the desired *upper* position.



W.A. Downassembly
The window is the same as in the section "W.2 Downassembly" and in revision