



# 35mm Standard Tubular Motor Programming Instructions.



The Motolux STD motor is for use with automation systems or hardwired 3 position interlocked mechanical switches.

Limit setting is via allen key. (see page 2 for details)

These motors can be parallel wired.

Note—the motor running current is 0.485A. Starting current can be 5-7 times the running current.

Please ensure the product controlling the motors and circuits supplying the power are sized appropriately

## WIRING OF MOTOLUX 4-WIRE GEN 3 MOTORS

The table below gives the correct connections required to ensure the 4-wire blind motors will be running in required direction. The “X” will give you the correct cable connection to Live for the blind to move in the down direction for all possible combinations. Note that Standard roll is fabric rolled off the back of the tube, while Reverse roll is off the front of the tube.

<u>CABLE COLOUR</u>	<u>CABLE TYPE</u>	<b>MOTOR TO OPERATE IN DOWN DIRECTION</b>			
		<u>RH motor standard roll</u>	<u>RH motor Reverse roll</u>	<u>LH motor Standard roll</u>	<u>LH motor Reverse roll</u>
Brown	Active 1	X			X
Black	Active 2		X	X	
Blue	Neutral	X	X	X	X
Green	Earth	X	X	X	X



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## Setting Limits

*Note—it is NOT possible to set the limits using the remote control.*

Limits can only be set directly on the motor using the plastic limit setting tool supplied with the motor.

**DO NOT** use any high speed tool (eg drill or electric screwdriver) to set the limits— **Doing so can strip out internal parts and void the warranty.**

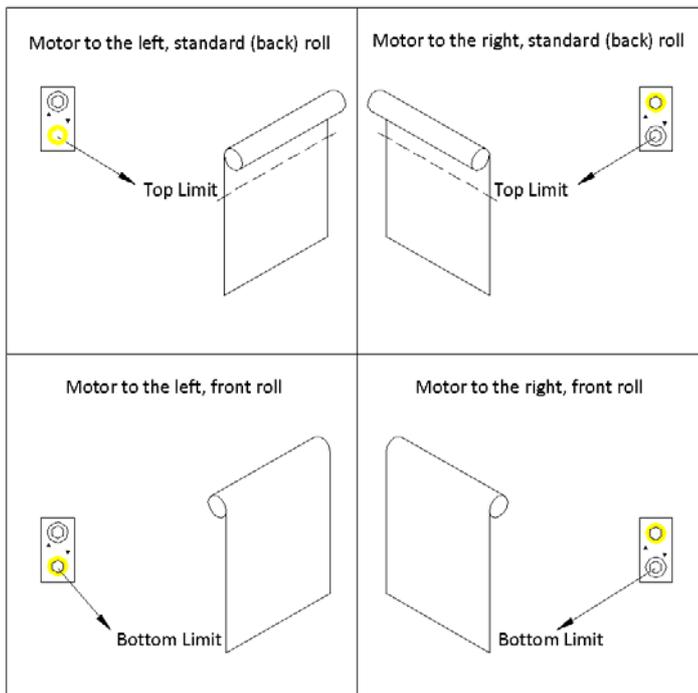
### How to determine which dial relates to which limit



Note the small white triangular arrow—this always points towards the bottom limit, in the direction the blind is rolling.

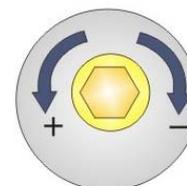
In this photo, the arrow pointing down (ie the one on the yellow dial) is the bottom limit, so the arrow pointing up is the top limit.

If the blind was reverse rolled, then the arrow pointing up would in fact be pointing towards the bottom bar in the direction the blind would be travelling and so would adjust the bottom limit.



To increase the limit, turn the dial in the plus direction (ie anticlockwise)

To decrease the limit, turn the dial in the minus direction, (ie clockwise)



Motolox motors have a thermal cut out at 110°C, which means they will comfortably run for 4-6 minutes before cutting out for safety reasons. After cooling for 10 minutes, the motor can be used again.