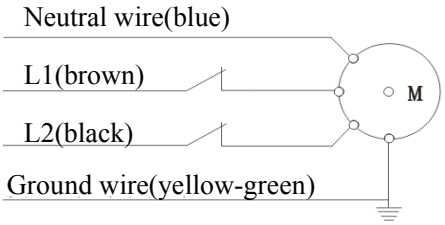
Tubular Motor Instruction

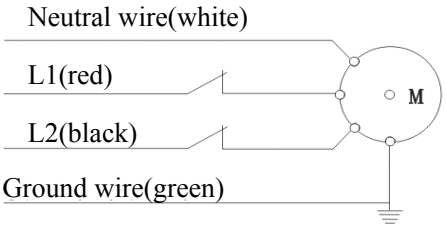
for mechanical limit switch standard motor WSS and manual override motor WSM series

Wiring (see Pic7)



for standard and manual override motor

230V/50Hz



for standard and manual override motor

120V/60Hz

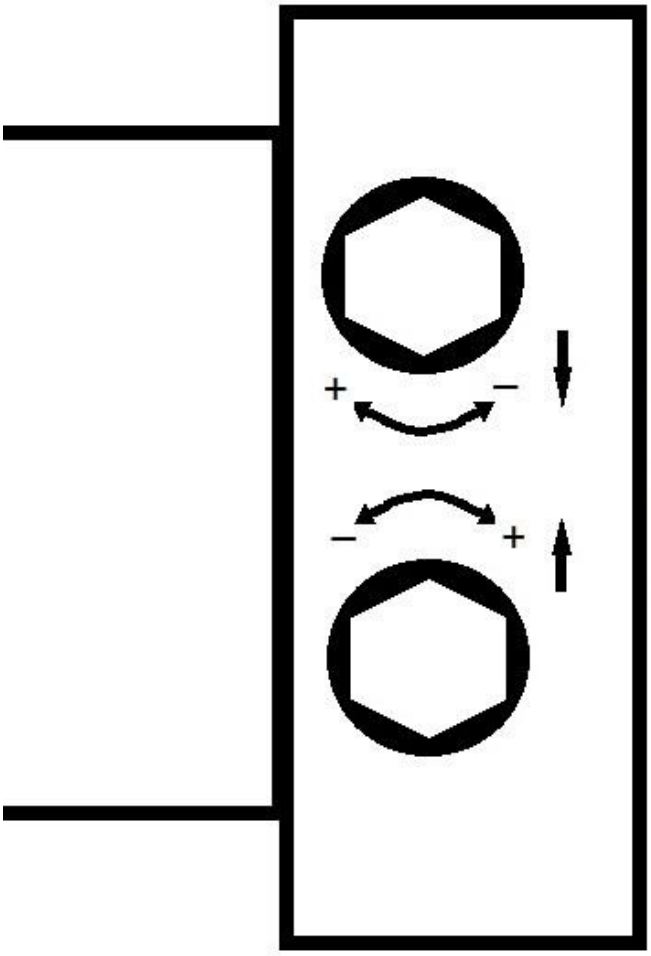
Notice:

For safety, you must connect the wires (L and N) correctly

Limit Switch Adjustment

a. Switch the power, and the shutter will rise. Adjust the limit switch according to the mark on the limited switch. (⬅ ➡) means the motor's clockwise and anti-clock wise running; Use the adjusting pole to adjust at '+' direction and the journey of the shutter will increase; Use the adjusting pole to adjust at '–' direction the journey of the shutter will reduce. Repeat re-adjustment till settings are satisfactory.

b. Adjust the limit switch according to the mark in the operation. The motor may be damaged if wrongly adjusted.



Rotate the limit adjustments to increase or reduce the distance the motor will travel in the direction of the arrows on the right.

+ will increase the distance of travel

- will reduce the distance of travel

As a general rule, it is easiest to run the motor to either the top or bottom limit prior to connecting a shutter or mounting a blind. Then connect or mount the shutter or blind in the position of that limit.

Example for shutters using Octagonal tube and connecting straps:

You can make fine adjustments by making small turns of the adjustment, then running the motor away from the limit a small distance and back to test the position.

NEVER allow the motor to rotate beyond the desired stopping point as it could damage both the shutters and the motor.

Manual type

For manual type motor, when the power is unavailable, the motor can work through operating the hand crank. Connect one end of the link with the handle worm and the end with the hand crank, then the door can go up and down by operating the hand crank.
M type motor also can realize out door operation under the help of wall-cross lock. Connect the universal-join linking stick with the handle worm, then insert one end of the linking stick and wall –cross stick in to the speed-reduce institution（fixed on the wall）respectively. At last the wall –cross stick can be derived through turning around the hand crank to do the work of the motor.

Trouble Shoot

S.N	Trouble	Reason	Solution
1	Tubular motor can not run or starts too slowly or with loud noise.	1.Incorrect power connection. 2.Wrong installation or over weight. 3.The voltage is too low.	1.Check the power connections. 2.Correct the installation. 3.Check the load.
2	Tubular motor stops running when working.	1.Reach the max limit switch. 2.Working time lasts too long. M	1.Adjust the limit switch according to illustration. 2.re-try after cooling the tubular motor for 30 minutes.
3	The motor does not travel the required distance	The limits are not properly adjusted to the customer's requirements.	Adjust the limit switch according to the illustration.