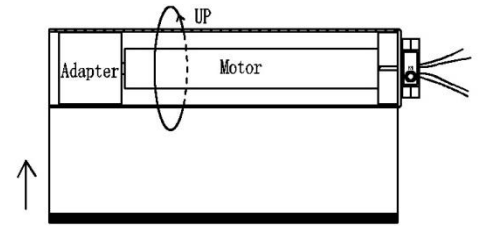


ES2512-2 type of DC tubular motor instruction

I Installing

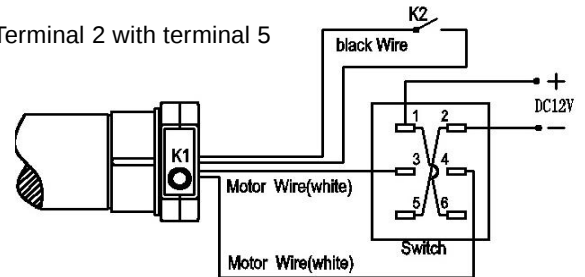
Note:-Install the motor at the right side of roller shade

- The setting button K1 should face outwards (towards you)
- Tighten the brackets until the motor is horizontal.



II Wiring

- ★According to the chart, connect the terminal 1 with terminal 6; Terminal 2 with terminal 5
- ★Connect the motor wires (white color) and switch
- ★Connect the switch with the power supply
- ★black wires for second limit



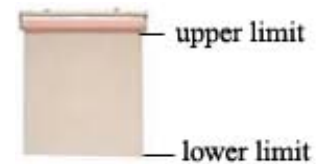
III Distinguish & change tubular motor “UP” & “DOWN” direction

When motor is in Stop state, press “UP” key on switch

- ★ If the roller shade roll up, press “STOP” key and motor stops .
The motor running direction do not need to be changed.
- ★ If the roller shade roll down, press “STOP” key and motor stops. exchange the position of wire 3 and wire 4 or the wire 2 and wire 6. Then, the motor operation is opposite to the original.

IV Motor programming

- UP
- STOP
- = DOWN



1、 Connect switch K1

2. Entering into the state of programming:

Keep the switch on the “UP” position, and then, keep down the “k1” key on motor head for more than 6 seconds. Motor gives out quick short alarm “Di, Di, Di” means the motor is entering into the state of programming.

2、 Setting of upper limit:

Keep the switch on “STOP” position, and then keep it on “UP” state, the motor continuously rolling up . When the shade close to the end-point of the upper limit, keep the switch on “STOP” state, motor stops operation. Then press “UP” a time and then press “STOP” a time, the shade will move towards upper position a little, Repeat the above operation again and again until the shade reaches the end-point of the upper limit.

3、 Setting of lower limit:

Keep the switch on “DOWN” position, motor gives out quick short alarm “Di Di,Di”. After 2 seconds, the shade continuously rolling down. When the shade is close to the end-point of the lower limit, keep switch on “STOP” state, At that time, press “DOWN” a time and then press “STOP” a time, the shade will move towards lower position a little. Repeat the above operation again and again until the shade reaches the end-point of the lower limit.

4、 Confirm programming:

Keep the switch on “UP” state, motor gives out quick short alarm “Di, Di ,Di” means the above limit settings are effective.

- 5、 Tentatively test whether the range setting is normal by using the switch. If you would like to re-set the program, please repeat all the program operation from the 1st step.

Switch on K2 then the short range limit will be on effective, this limit range do not need to be set

V Diagnostics

If nothing works, check

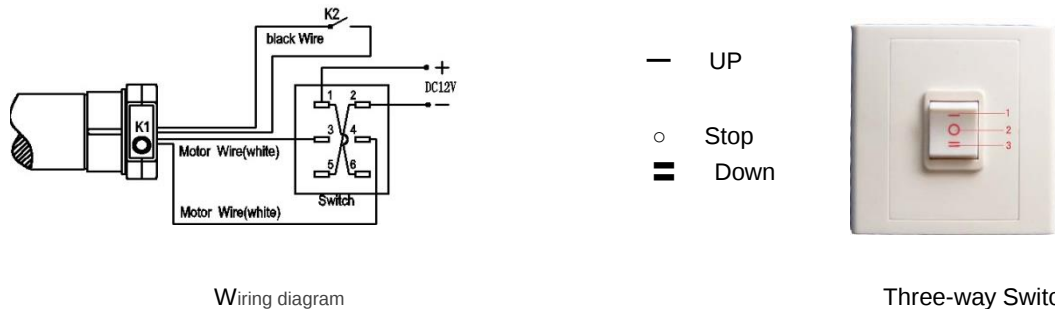
-When the power supply is fitted correctly and well tightened, the motor will send out sound “Di,Di,Di”.

If the system does not stop, check

-If the motor running toward one direction continuously, the motor limit has not been setted successfully. Please re-set the entire limit.

Appendix: Video Instruction

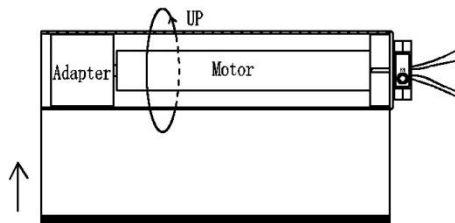
Step 1, Power Supply wiring; accord to the below drawing, connect the white motor's wire to three-way switch.



Step 2, Power On for Running in (pls pay attention to the motor's running direction, if the direction is wrong and need to change polarity of the white motor's wires.)

★

Motor's Connector lug must be installed in the right side, see below drawing which is Ascending key operation schematic diagram.



Step 3, Entering the programming state of long route:

★ Keep the switch on the “**Down**” position, the motor is being supplied the power.

★ Keep down the “**k1**” key on motor head for more than 6 seconds. Motor gives out quick short alarm “Di, Di, Di” means the motor is entering into the state of programming.

Step 4, Setting of upper limit:

★ Turn the switch on “**STOP**” position, and then keep it on “**UP**” state, the motor start rolling.

★ The motor continuously rolling up, when reach the end-point of the upper limit, turn the switch on “**STOP**” state, motor stops operation.

Step 5, Setting of lower limit:

★ Then keep the switch on “**DOWN**” position, motor gives out quick short alarm “Di Di,Di”, it means the motor finishes the setting of upper limit and enters into the setting of lower limit.

★ The motor continuously rolling down, when reach the end-point of the lower limit, turn the switch on “**STOP**” state, motor stops operation

Step 6, Confirm programming and roll to the end-point of the upper limit.

★ Keep the switch on “**UP**” state, motor gives out quick short alarm “Di, Di ,Di” and means the above limit settings are effective.

★ Also the motor will roll to the end-point of the upper limit.

Step 7, Entering the confirmation state of short route:

★ Short two ends of the black wire.

★ Keep the switch on “**DOWN**” position, motor will reach the end-point of the lower limit of short route and stop.

Step 8, Restore the state of short route

★ Open two ends of the black wire.

★ Keep the switch on “**DOWN**” position, motor will reach the end-point of the lower limit of long route and stop.