

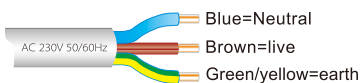
AM35/45/60 Electroinc Limit Switch Tubular Motor Manual

I. Main features

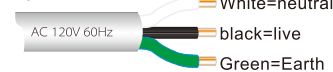


- ❖ With RS232/RS485 communication interface for integrative control
- ❖ With Dry contact switch control
- ❖ Electronic limits setting by remote, easy for installation
- ❖ Multiple limits preset, beside ends limits, 4 more middle limits for optional
- ❖ Keep the limits when the power off
- ❖ Self-checking and correcting of brake offset
- ❖ Stop on block for security
- ❖ Famous quality components to ensure reliable performance

Motor Cable



Optional



PS: 6 pin signal wires arrangement(customized only)

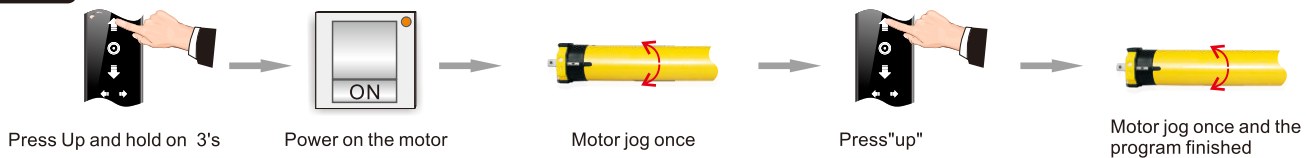


II. Operation

1.Programming

* (The method 2nd is only applied for standard motor head with program button on it)

Method 1



Method 2

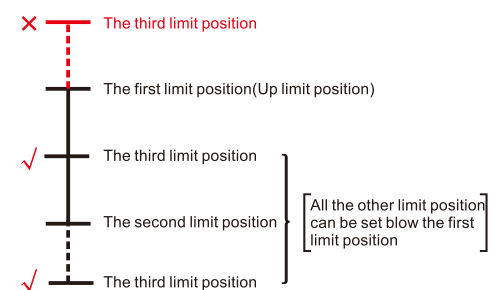


2.Change direction



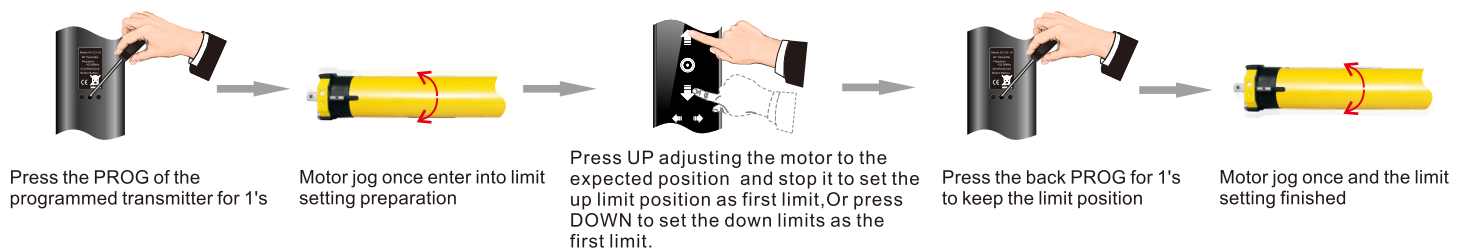
3.Limit position setting

- Maximum six different limit positions can be set, the furthest two positions called the UP and DOWN limit position, others called the middle limit positions;
- When the first limit position is the UP limit position(as right illustration),all other limit positions can only be set below this position; the same thing, when the first limit position is the DOWN limit position, all other limit positions can only be set above this position;
- Every limit position can be fine-tuned or deleted separately(The first limit position can only be fine-tuned but can't be deleted separately. It can be deleted when delete all memories);
- The motor stops at the next limit position after accepting once UP/DOWN order. When it reaches the UP limit position, the UP order is no use any more; when it reaches the DOWN limit position, the DOWN order is no use;
- Press the UP/DOWN button twice on the transmitter at the speed of once a second,motor will go directly to the UP/DOWN limit position without any stop at the middle limit



4.First limit position setting

* (If there's no any action within 30's , the motor will exit from limit position preparation automatically)



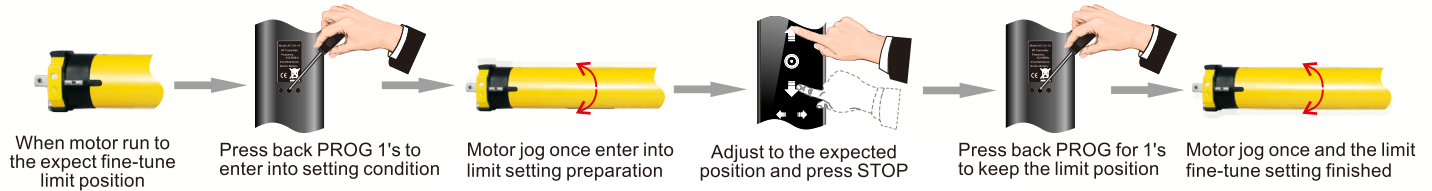
5. Other limit position setting

* (If there's no any action within 30's , the motor will exit from limit position preparation automatically)



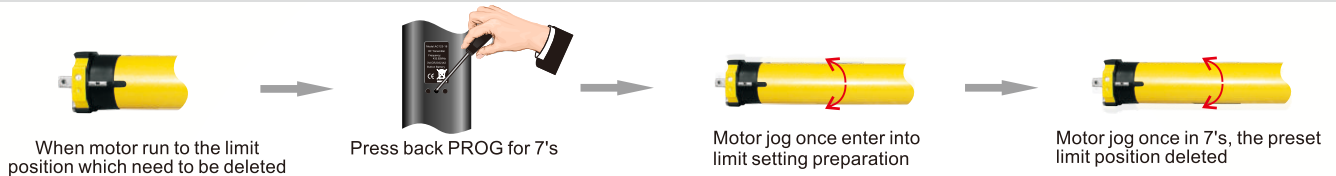
6. Limit position fine-tuning

* (If there's no any action within 30's , the motor will exit from limit position preparation automatically)

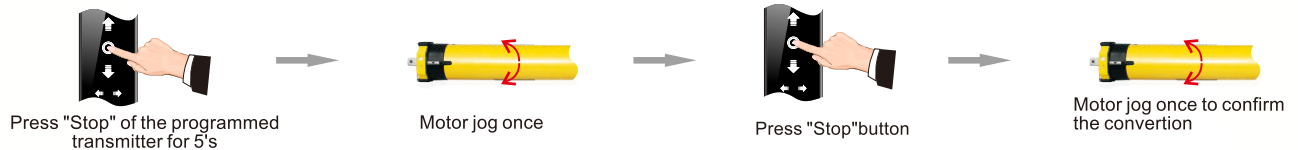


7. Delete the limit position

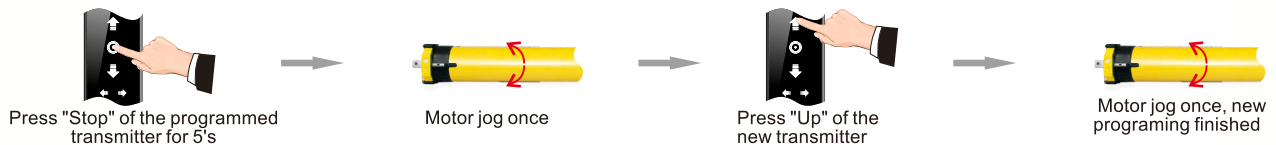
* (The first limit position can't be delete)



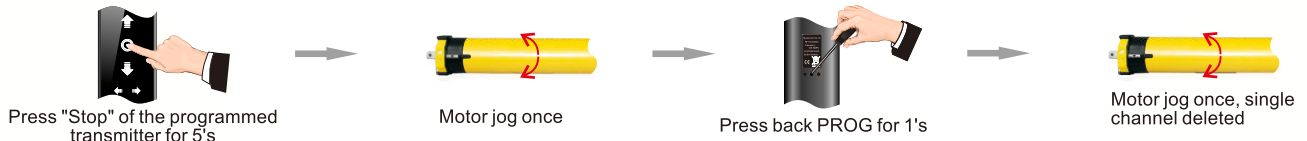
8. Dot move and continuous move conversion



9. Add the new transmitter



10. Delete single channel memory



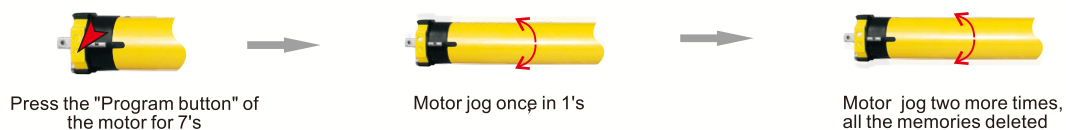
11. Delete all the memories

* (The method 2nd is only applied for standard motor head with program button on it)

Method 1



Method 2



III . Trouble Shooting

Items	Problem	Matter	Shooting
1	After connecting with the power, the motor doesn't work or work slowly	A.Connected with wrong voltage B.Over loading C.Incorrect installation leads to motor sticking	A.Change to matched voltage B.Choose suitable motor torque C.Check the components
2	The motor stops suddenly during woring	A.The motor has been exceeded overheating protection, B.Power was cut off	A.After the motor with natural cooling, it will come back to work again B.The motor will come back to work once power on