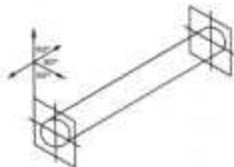


WARNING! Read these instructions FULLY before use.
Installation should only be carried out by a COMPETENT installer.

Description

This range of tubular motors is designed for operation of shutters and grilles with a low duty cycle 4 g. Stop fronts which are opened in the morning and closed at night. Therefore as a precaution they have an embedded thermal trip to prevent overheating.

1. Preparation of End Plates



CAUTION

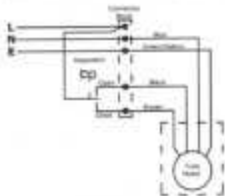
Take care of ensure the tube assembly is horizontal when fitted.

Note-

If the assembly is fitted incorrectly when the unit is put into operation, excessive forces will be put on the tubular motor possibly resulting in damage to the unit.

Wiring Diagram: Neco Euro-Drive 120 160 Series

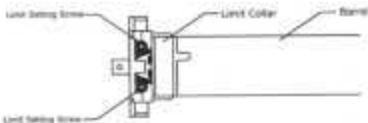
All operators must be connected via fused supply and protected with a suitable rated fuse.



WARNING! This Product **MUST** be earthed.
Do not connect two or more motors in parallel.

Limit Switch

The tubular geared motor has integral electromechanical limit switches that cut off the power at a position corresponding to the Fully Open & Fully Closed positions on the door.
The limit switch **MUST** be set.



Limit Setting Instructions: Neco Euro-Drive 120 160 Series

1. Electrically connect the tube motor as shown previously.
2. Disconnect the roller shutter from the tube.
3. Operate the roller switch and check the direction of rotation, if need be, reverse the 'grey' and 'teach' wires to correct the direction of rotation.
4. Lower the roller tube until the motor stops automatically.
5. While pressing the down button, turn the lower end adjustment screw anti-clockwise (-) until the roller tube is in a suitable position for attaching the roller shutter.
6. Fix the roller tube on the tube.
7. Raise the roller shutter/awning until the motor stops automatically.
8. While pressing the up button, turn the upper end adjustment screw anti-clockwise (-) until the roller shutter/awning reaches the topmost position required.



WARNING!

- Do not use overly long screws to attach the roller shutter to the tube.
- Do not use the manual override (if applicable) prior to setting the limit switches.
- Do not use power tools to adjust the limit position. Only use the tool supplied.
- The clearance between the drive adaptor and inside diameter of tube should not exceed 1mm.
- Do not touch the motor with water.
- Do not use excessive force to insert the tube motor into the roller tube.
- If your motor stops working, waiting for approx 20 mins to allow its tube cool before future operation.