

Limit Switch Setting for 1500 Series Tube Motors

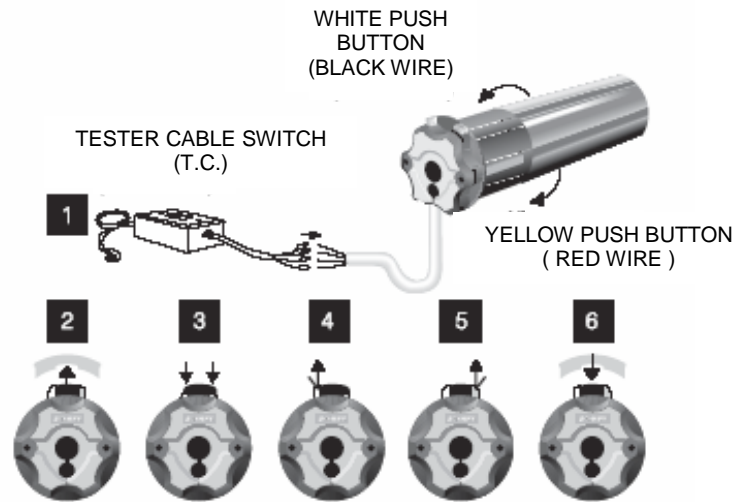


Am-Source supplied Tube Motors have built in limit switches which permit the setting of both the UP and DOWN travel limits of the system.

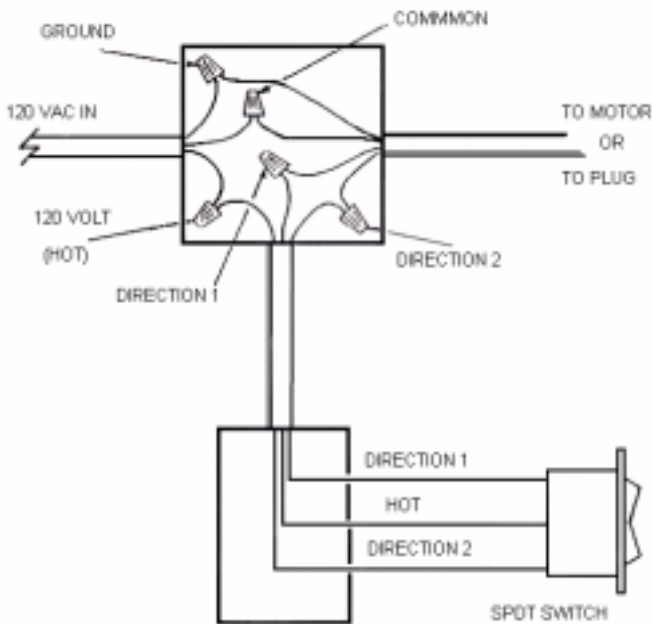
NOTE: When Am-Source attaches material, the UP and DOWN limits will be pre-set, prior to shipping.
(This information is only for reference and is to be used only in the case of "fine-tuning" the limits in any particular application.)
There should be no need to make any major adjustments in the UP or DOWN limit settings.

ADJUSTMENT OF THE UPPER AND LOWER LIMITS, 1500 SERIES

1. Ensure the Test Cable Switch (T.C.), is in the center "OFF" position, and connect T.C. switch to the motor leads by matching color codes.
2. Remove the protective cap covering the limit setting buttons on the motor head, and replace when finished.
3. Depress fully both limit switch push buttons. They will automatically lock in the down position. Operate the T.C. switch and check that the system operates correctly. Identify the UP limit switch push button (refer to figure used for step 1). Press the T.C. switch in the UP direction until the desired position is reached. Set the switch to the center "OFF" position.
4. Unlock the UP limit switch push button by depressing button and releasing it.
5. Repeat the same process as above to set the lower limit (using the opposite limit setting button) **Limits are now set**
6. Replace the protective cap over the limit switch buttons.



NOTE: Tubular motors are not continuously rated. They have a built-in thermal overload device which limits their operation to approximately 5 minutes



Wiring / Installation Recommendations

- A. All wiring must conform to NEC (National Electric Code) and local codes.
- B. Do not wire two or more motors to one SPDT (single pole double throw switch- **NO PARALLEL WIRING**)
- C. Do not use light switches to control motors.

Motor Wiring Color Code:

Black	Direction 1	White	Common
Red	Direction 2	Green	Ground

SEE: WALL SWITCH AND PLUG WIRING
for LINE-VOLTAGE MOTOR CONTROL

WIRING DIAGRAM 1400 & 1500 Series
110VAC TUBE MOTORS
USING LINE VOLTAGE SWITCHING ONLY

For more information contact:

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