

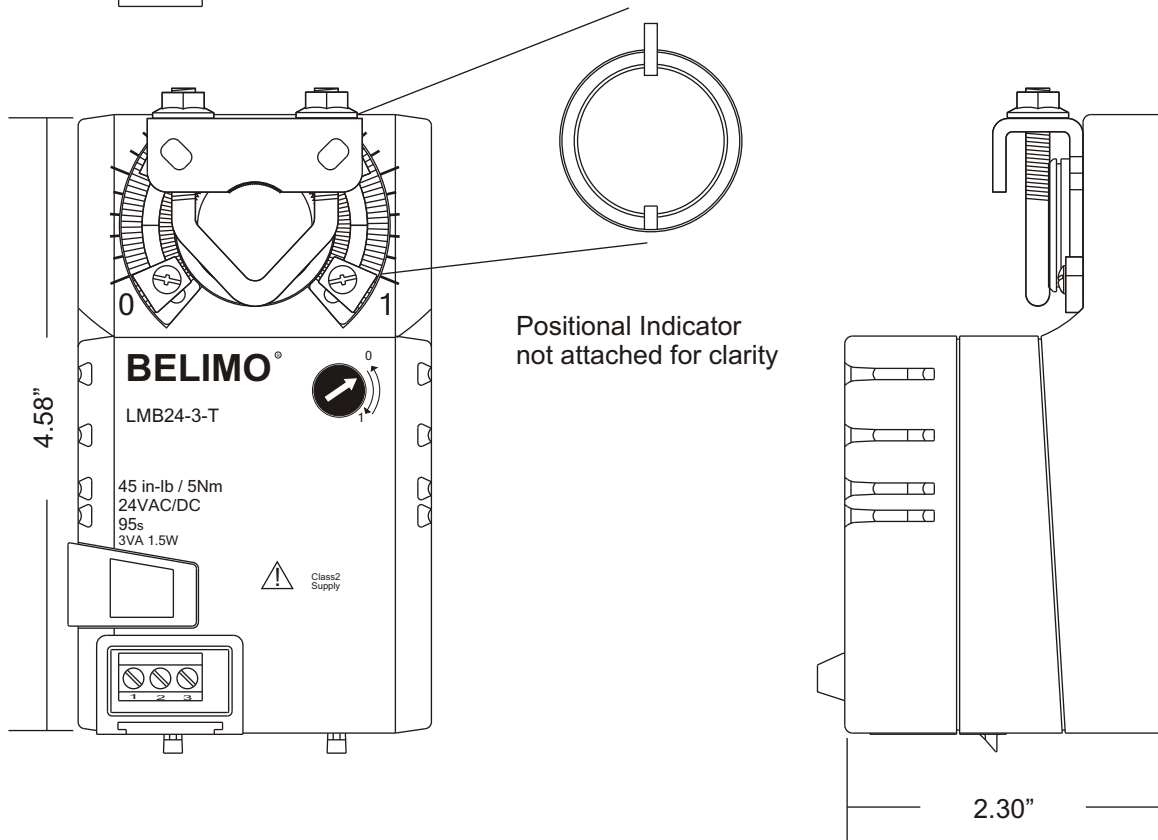
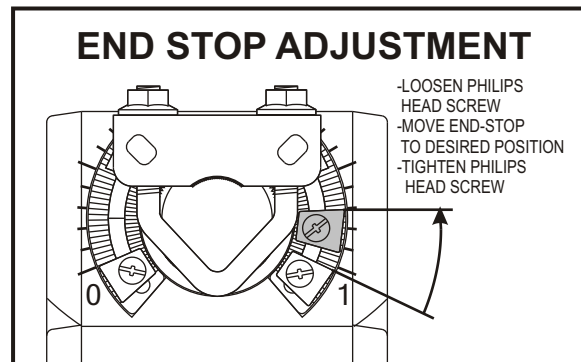
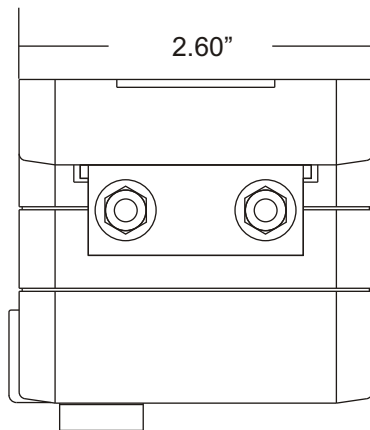
# ULTRA-ZONE™

Forced Air Zone Controls

# SUBMITTAL SHEET

Model MA-LM24 Actuator

The MA-LM24 motor actuators are easy to install, easy to wire up, and come with a 5 year warranty. The superior design insures long life and no maintenance. The UL Listed Motor Actuator is a 24vac 3 wire power open / power close type rated at 45 in.-lbs. of torque and 95 second rotation time. It includes an integrated terminal block, and NEMA1 rated housing. The motor also includes Min/Max adjustment capability to allow adjustment of the design CFM flow into a particular zone or area. A positional arrow is also included that provides visual indication of blade travel. Optional Model S1A, Auxiliary end-switch can be added if required. *Electrical Data: 24 VAC/DC, 3 VA, 1.5 W*



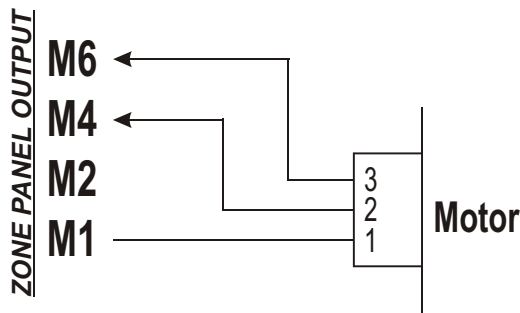
385 Hwy. 33 Englishtown, NJ 07726  
Ph: 800-446-3110 - Fx: 732-446-5362

## WIRING SOLUTIONS

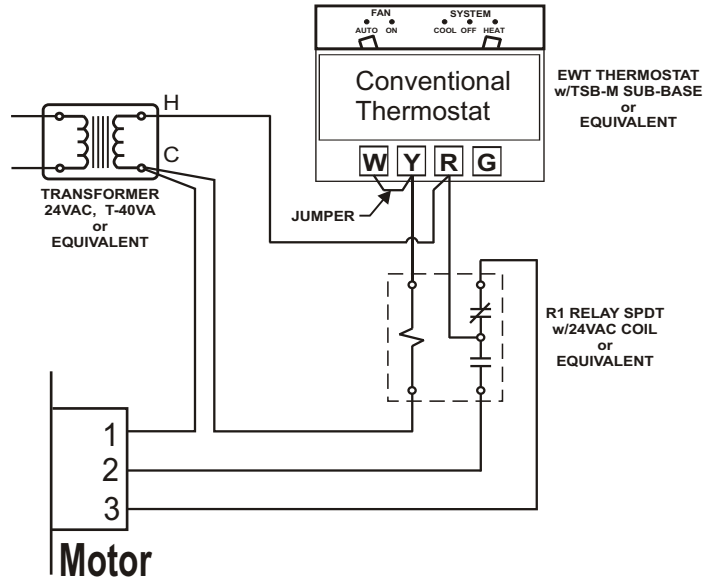
### ZONE PANEL Terminal Output

- M6 - power to close
- M4 - power to open
- M2 - constant power
- M1 - common

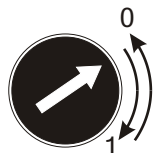
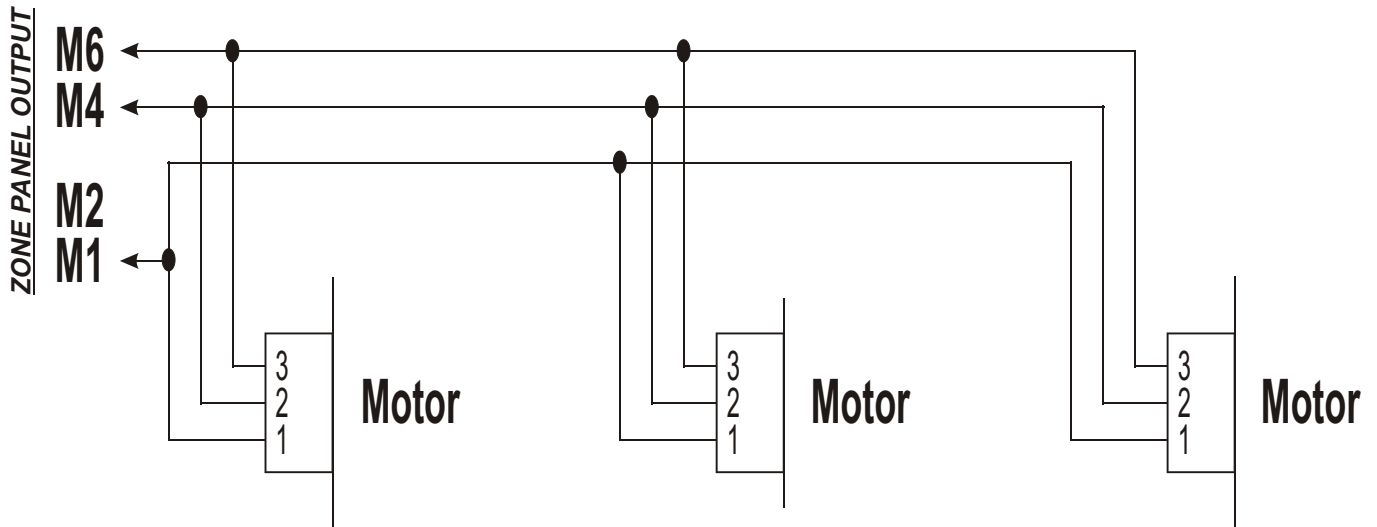
#### Wiring to a Control Panel



### Wiring a Thermostat to Control a Single Damper



### Wiring in Parallel



#### DIRECTION OF ROTATION

- Clockwise = Close
- Counter-Clockwise = Open

\*For reverse operation Change switch position

Excellence Without Compromise

**EWC**®  
CONTROLS INC.

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