

ULTRA-ZONE[®]

Forced Air Zone Controls

SUBMITTAL SHEET

Model S1A – Auxiliary End- Switch
Pilot Duty Only

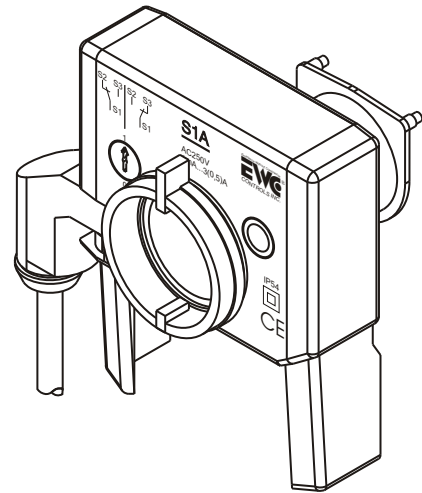
APPLICATIONS

Monitor open/close position of Duct Damper to:

- Operate Blower motor to provide fresh air.
- Provide a proving circuit for Combustion air.
- Provide a failsafe interlock.
- Operate a Hydronic Zone valve or Circulator.
- And Various other applications

FEATURES

- Easy installation. No Tools Required!
- Works with any existing MA-ND5, MA-15S or New Generation LM-24 motor actuators.
- SPDT switching
- 250VAC. 3 Amp Resistive / 0.5 Amp Inductive
- 120VAC. 3 Amp Resistive / 1.5 Amp Inductive



The Model S1A is an Auxiliary End-Switch which can be easily installed on any existing MA-ND5 motor actuator. The S1A is easy to wire up and comes with a 5 year warranty. The superior design insures long life and no maintenance. The S1A is Listed and has an IP54 rated housing. The S1A also includes a Trip-Point adjustment, this allows for the installer to specify exactly when the switch makes or breaks during the motor actuator's rotation. A positional arrow is also included that provides visual indication of blade travel.

INSTALLATION INSTRUCTIONS

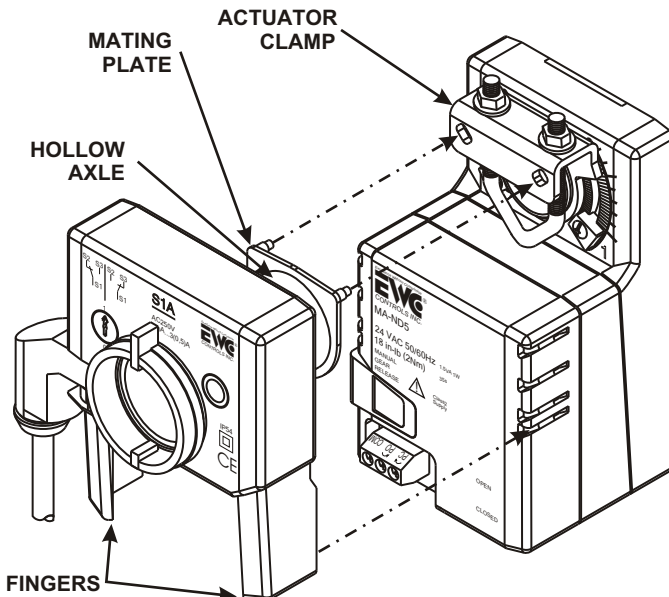


FIGURE 1 -- S1A ASSEMBLY

1. Remove existing Visual Indicator / Positional Arrow.
2. Align the pins on the Mating Plate with the Holes in the Actuator Clamp. (See Figure 1)
3. Compress the Telescoping Hollow Axle onto the Motor Actuator until the S1A Fingers snap into place.
4. See reverse for Trip point adjustment and wiring.

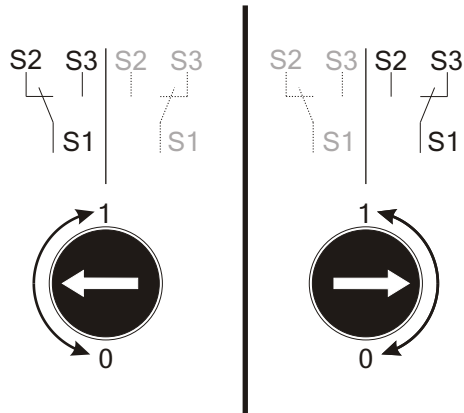
Excellence Without Compromise



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SUBMITTAL FORM

SUBMITTED BY: _____
JOB: _____
ARCHITECT: _____
ENGINEER: _____
CONTRACTOR: _____
LOCATION: _____



TRIP POINT ADJUSTMENT

When the arrow is pointing to the LEFT of 0 & 1, S1 & S2 are CLOSED. When the arrow is pointing to the RIGHT of 0 & 1, S1 & S3 are CLOSED. The Trip point can be adjusted by turning the arrow with a small Flat-Head screw driver.

FIGURE 2 -- TRIP POINT

FIELD SOLUTION

MODEL S1A AUXILIARY END-SWITCH

