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TUF-SKIN VALVES

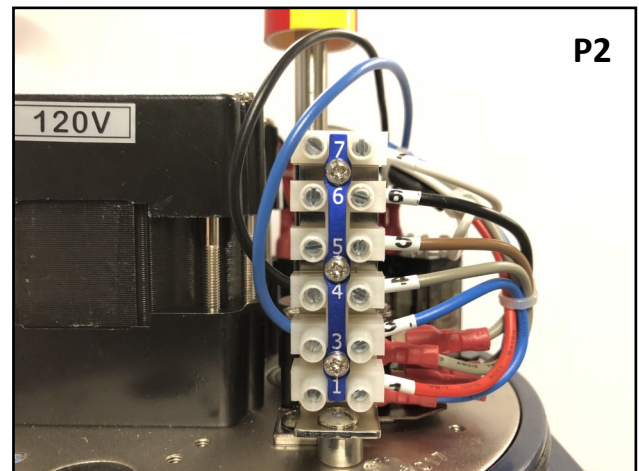
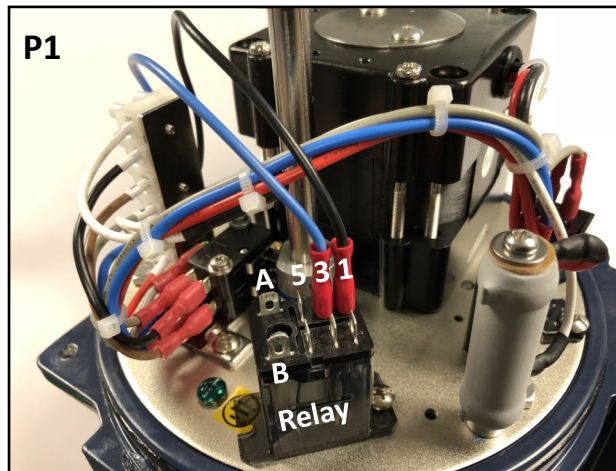
sales@universalsales.biz

92311 Booth Street ~ Junction City, OR 97448 ~ PH 541-998-9999 ~ FX 541-998-9998



TUF-SKIN Relay kit instructions For OM series actuators

version: 1-1-24



These instructions apply to relays with quick connect posts as shown in P3.

Before proceeding, ensure that the line voltage matches the actuator and the control voltage matches the relay! Do not exceed rated amperage!

For “normally closed” valve position (power to relay opens valve):

- 1) Using supplied screw, mount relay inside the actuator as shown in P1.
- 2) Connect the wire from relay post #1 to terminal strip position #4 as shown in P1 and P2.
- 3) Connect the wire from relay post #3 to terminal strip #3 as shown in P1 and P2.
- 4) Connect ground wire to the green screw. Ensure line voltage matches actuator before proceeding.
- 5) Connect neutral wire to terminal strip #1.
- 6) Using the supplied insulated quick connect fitting, connect line power to relay post #5.
- 7) Using the supplied insulated quick connect fittings, connect control voltage to relay posts A and B. Ensure that the voltage matches the relay coil.
- 8) Connect line power to terminal #7 to power the space heater.
- 9) Terminal #5 is available to power a “open” lamp (see standard wire diagram).
- 10) Terminal #6 is available to power a “closed” lamp (see standard wire diagram).

For “normally open” valve position (power to relay closes valve):

Wire per above but swap wires on relay post #1 and #3.

Note: Relay posts #2, #4, and #6 as shown in P3 remain open and are available to use for other option.

P3 Relay wiring

