

Application Note Number: HAD-Application Note-1

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Family: HAD series controllers

Models Affected: All

Description:

How to use a HAD Valve Driver with a Reverse Switch

Procedure:

When it is desired to have a control pot and a direction switch to control dual valves, hook up a switch, a pot and a resistor as shown in Figure, 1 below. The direction switch determines which coil will be driven. The pot determines how much coil current will flow. Coil A will be driven for the FWD direction, and coil B will be driven for the REV direction.

Align the unit as follows;

- 1) Set the direction switch to FWD, the control pot to full CCW, and adjust the CROSSOVER pot for this point.
- 2) Follow the normal alignment procedure outlined in the HAD Users Guide, HCT PN: 021-00141

NOTE: When aligning the “B” Coil, ensure that the direction switch is in the proper position.

Figure, 1

