

**BE SURE POWER IS DISCONNECTED PRIOR TO INSTALLATION!!
FOLLOW NATIONAL, STATE AND LOCAL CODES!**

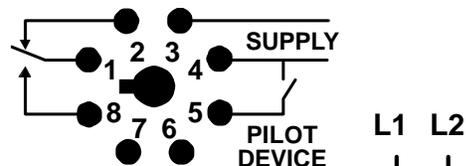
The Model ALT alternating relay is used to alternate between two loads. It is commonly used in duplex pumping applications to balance the runtime of both pumps. The voltage must be specified in the ALT part number—Table 1 identifies all available Model ALTs.

ALT-24-S	20–26VAC, SPDT relay
ALT-24-X	20–26VAC, DPDT relay
ALT-24-S-SW	20–26VAC, SPDT relay w/ manual/automatic switch
ALT-24-X-SW	20–26VAC, DPDT relay, w/ manual/automatic switch
ALT-115-S	95–125VAC, SPDT relay
ALT-115-X	95–125VAC, DPDT relay
ALT-115-S-SW	95–125VAC, SPDT relay, w/ manual/automatic switch
ALT-115-X-SW	95–125VAC, DPDT relay, w/ manual/automatic switch
ALT-230-S	195–250VAC, SPDT relay
ALT-230-X	195–250VAC, DPDT relay
ALT-230-S-SW	195–250VAC, SPDT relay, w/ manual/automatic switch
ALT-230-X-SW	195–250VAC, DPDT relay, w/ manual/automatic switch

TABLE 1: ALT Model Numbers

MODEL ALT-S

The Model ALT-S has a single-pole, double-throw output relay and is used in single high-level float applications. When the float switch opens, the alternating relay changes state forcing the other pump to run the next time the float closes.



CONNECTIONS (MODEL ALT-S)

1. Mount the Model OT08 octal socket in a convenient location inside the pump control panel.
2. Connect one of the pump's magnetic contactor coils (#1) between socket terminal 2 and L1 of the power supply (see Figure 1).
3. Connect the other pump's magnetic contactor coil (#2) between socket terminal 8 and L1.
4. Connect the power supply L1 to socket terminal 3 and L2 to terminal 4.
5. Connect socket terminals 1 and 5 to one side of the pilot device (pressure switch, float switch or other isolated contact).
6. Connect the unconnected side of the pilot device to L2.
7. Plug the Model ALT into the socket.

II-ALT-B

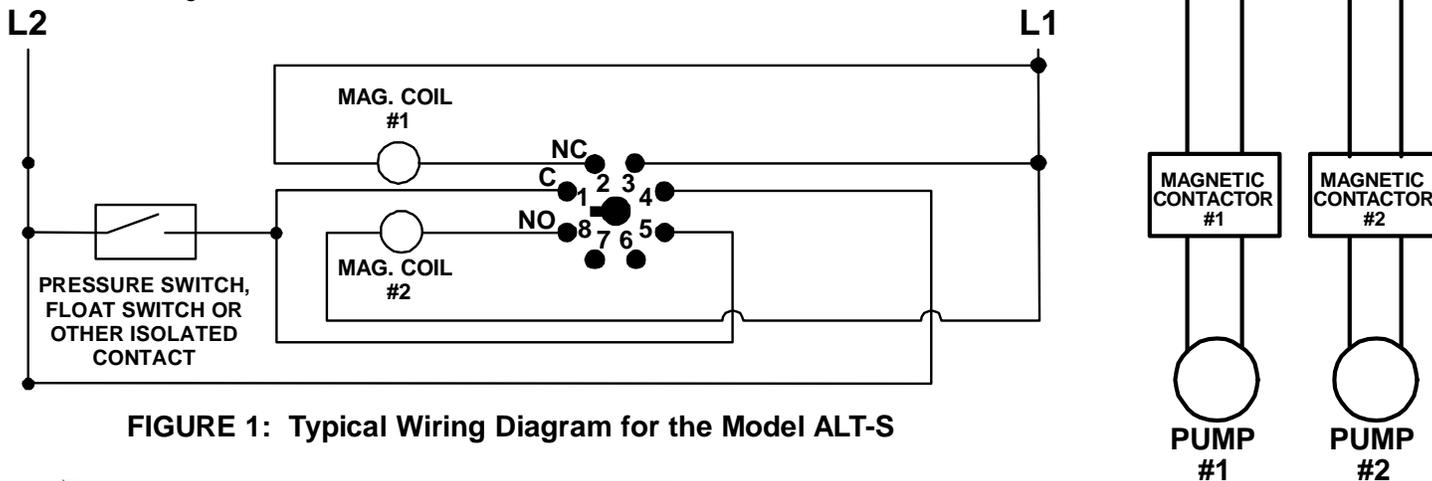


FIGURE 1: Typical Wiring Diagram for the Model ALT-S



