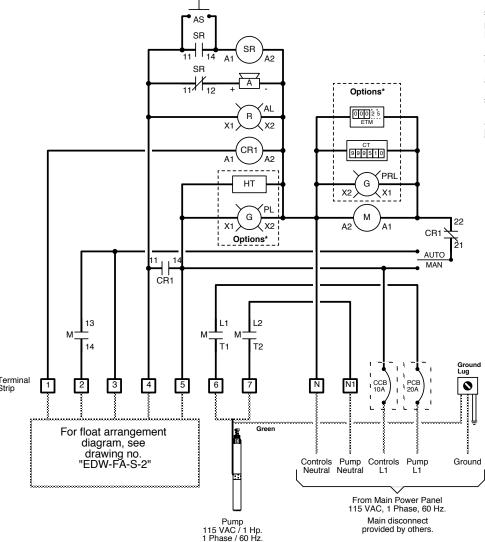
## **Panel Wiring Diagram** Model Š1 RO



NOTE: Motors must have internal overload protection

## **Simplex Operation**

<u>High Level Alarm:</u> This float activates the alarm light and audible alarm when lifted. The audible alarm may be silenced by pressing the illuminated PUSH TO SILENCE button on the front of the control panel. The alarm light will remain on until the float is

Pump On: This float turns on the pump when lifted. The pump will continue to run

Pump Off: This float shuts off the pump when lowered.

Remote Alarm Connections

Note: 115VAC signal is present during alarm conditions.

Remote Alarm

Light Alarm

 $\bigcirc$ 

Redundant Off & Low Level Alarm: This float turns off the pump when lowered. This float is a secondary off float which will operate if the Pump Off float fails. Pumping will be disabled in both the automatic and manual modes. This float also activates the alarm light and audible alarm. The audible alarm may be silenced by pressing the illuminated PUSH TO SILENCE button on the front of the control panel. The alarm light will remain on until the float is lifted.

until the pump off float is lowered.

## Key

= Factory Wire = Field Wire = Alternate Field Wire

= Audio Alarm, 115 VAC A = Audio Alarm, 115 VAC
AL = Alarm Light
AS = Audio Silence Switch
CCB = Controls Circuit Breaker
CR1 = Redundant Off Relay

= Motor Contactor

PCB = Pump Circuit Breaker = Silence Control Relay = Terminal Link

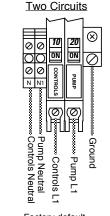
\*Options
CT = Cycle Counter
ETM = Elapsed Time Meter

HT = Heater = Power Light PRL = Pump Run Light

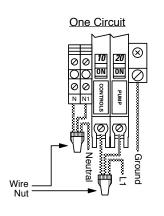
**Power Wiring Options** 

Orenco Model

AHW or equiv.



Factory default. Wire as shown.



Use one wire nut to connect the pole of the pump circuit breaker together with the controls breaker and with the incoming L1 power line. Use another wire nut to connect the neutral block of the pump with the controls neutral block and with the incoming neutral line.



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