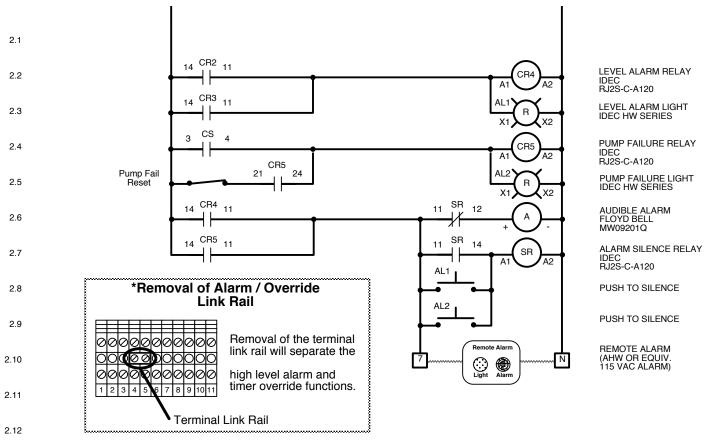
## **Panel Wiring Diagram** Model DAX2 PT RO CS(a) From Main Power Panel 230/115 VAC, 1 Phase, 60 Hz. Main disconnect = Factory Wire = Field Wire provided by others. Orenco Systems® Ground Wire >----1.1 Pump 230V 1Ø L2 T2 814 AIRWAY AVENUE CS COIL PUMPS 230 VAC SUTHERLIN OREGON **CB 20A** 1.2 Pump 3 Hp MAX 230V 1Ø L2 T2 1.3 CB 20A CS COIL (800) 348-9843 1.4 Note: Motor must have internal overload protection TELEPHONE: Controls (541) 459-4449 HEATER STEGO 01602.0-09 Options НТ 1.5 **CB 10A** FACSIMILE: (541)459-2884 POWER LIGHT IDEC HW SERIES G 1.6 WEB SITE: HIGH LEVEL ALARM RELAY IDEC RJ2S-C-A120 High Level Alarm www.orenco.com 1.7 6 A2 3 ALTERNATING RELAY SSAC ARP43S AI T 1.8 TL\* Timer 2 Override On 6 To 1.20 1.9 ALT 1.10 Timer On & Off 1.11 6 To 1.15 CR2 22 21 CURRENT SENSOR SSAC ECS41BC 1.12 CS PROGRAMMABLE TIMER OMRON HC3R-F8 1.13 РΤ HAND OFF AUTO CR1 MOTOR 11 12 CONTACTOR ABB 1.14 M1 Α1 A16-30-10-84 ELAPSED TIME METER GRASSLIN UWZ48 120V 1.15 Override Off 3 ETM EVENT COUNTER KESSLER-ELLIS СТ 1.16 KE610RB10AC120 PUMP RUN LIGHT IDEC HW SERIES 1.17 G Options 1.18 OFF AUTO HAND 21 CR1 MOTOR CONTACTOR 1.19 M2 ARR Δ2 A16-30-10-84 ELAPSED TIME METER GRASSLIN UWZ48 120V 1.20 **ETM** EVENT COUNTER KESSLER-ELLIS KE610RB10AC120 1.21 СТ PUMP RUN LIGHT IDEC HW SERIES 1.22 G Options 1.23 Redundant Off & Low Level Alarm PUMP CUT-OFF RELAY CR1 IDEC RJ2S-C-A120 For float arrangement diagram, see drawing no. **"EDW-FA-DAX-4"**. For recirculation systems, see 1.24 REDUNDANT OFF CR2 RELAY IDEC A2 1.25 RJ2S-C-A120 drawing no. "EDW-FA-DAX-5". EDW-WD-DAX-18

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## **DUPLEX OPERATION**

High Level Alarm: 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 lowered.

Timer Override On: This float turns on the lag pump when lifted.

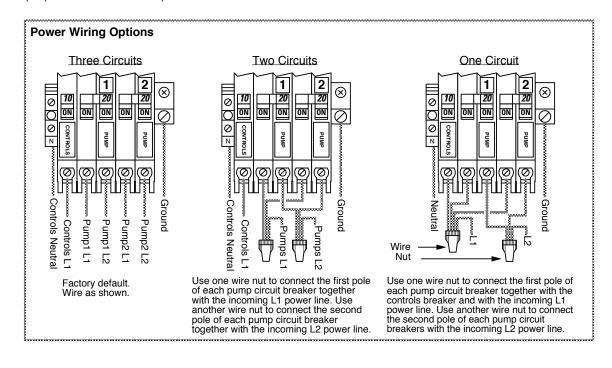
Timer Override Off: When lowered, this float turns off any pump(s) which were started by the Timer Override On float.

Timer On & Off: This float turns off the programmable timer when lowered. When this float is lifted the timer will be restarted. Note: The timer will start with its off cycle.

Redundant Off & Low Level Alarm: This float turns off the pump(s) when lowered. This float is a secondary off float which will operate if the Timer On & 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.

Programmable Timer: The timer turns the lead pump on and off in a pre-set cycle. Note: The timer will start with its off cycle.

Current Sensor Pump Fail Alarm: If a pump fails to come on, this sensor activates the pump fail 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 condition is corrected and the pump fail alarm reset switch is operated.



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