

Control Panel Wiring Diagram

Model MVP-DAX2 DM CS



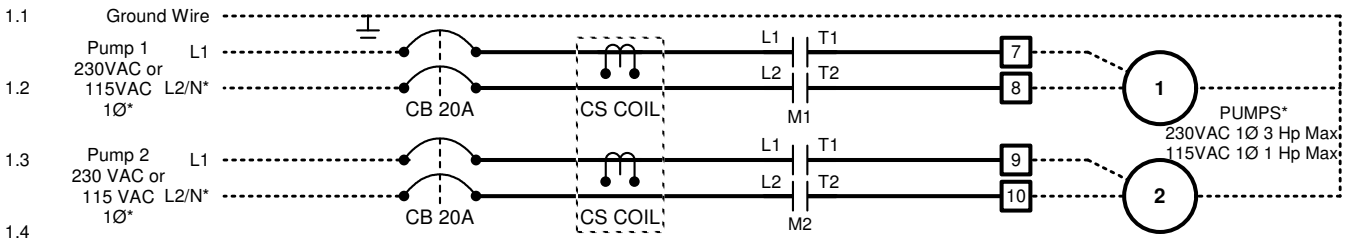
814 AIRWAY AVENUE
SUTHERLIN, OREGON
97479-9012

TELEPHONE:
(800) 348-9843
(541) 459-4449

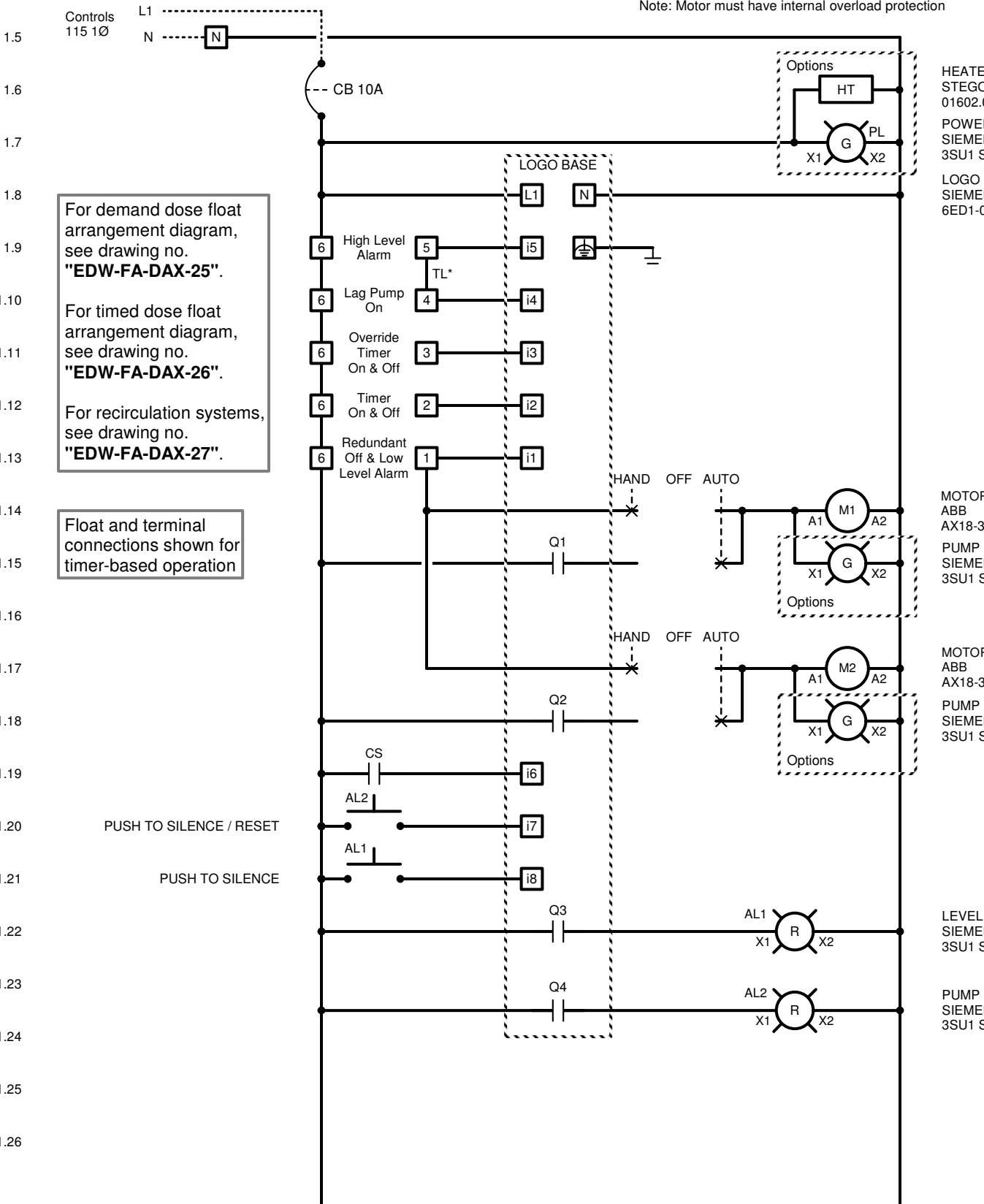
WEBSITE:
www.orenco.com

From Main Power Panel
230/115 VAC, 1 Phase, 60 Hz.
Main disconnect
provided by others.

— = Factory Wire
- - - = Field Wire



Note: Motor must have internal overload protection

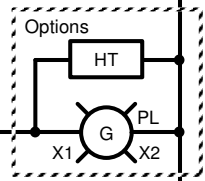


For demand dose float arrangement diagram, see drawing no. "EDW-FA-DAX-25".

For timed dose float arrangement diagram, see drawing no. "EDW-FA-DAX-26".

For recirculation systems, see drawing no. "EDW-FA-DAX-27".

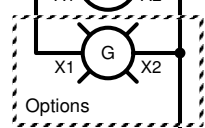
Float and terminal connections shown for timer-based operation



HEATER
STEGO
01602.0-09

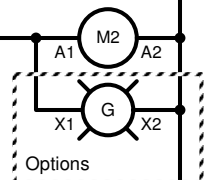
POWER LIGHT
SIEMENS
3SU1 SERIES

LOGO
SIEMENS
6ED1-052-1MD08-0BA0



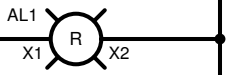
MOTOR CONTACTOR
ABB
AX18-30-10-84

PUMP RUN LIGHT
SIEMENS
3SU1 SERIES

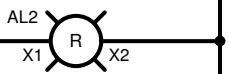


MOTOR CONTACTOR
ABB
AX18-30-10-84

PUMP RUN LIGHT
SIEMENS
3SU1 SERIES

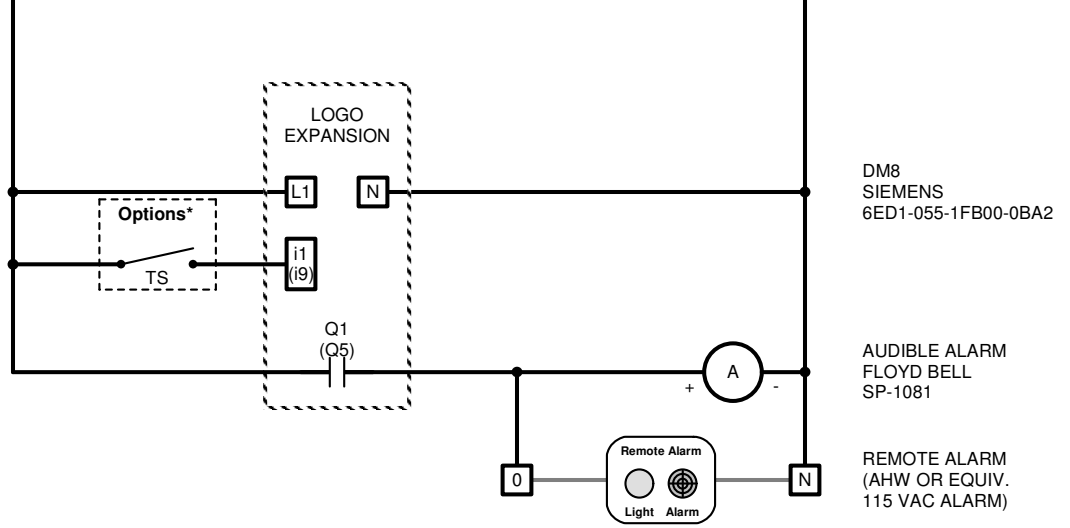


LEVEL ALARM LIGHT
SIEMENS
3SU1 SERIES



PUMP FAIL LIGHT
SIEMENS
3SU1 SERIES

2.1
2.2
2.3
2.4
2.5
2.6
2.7
2.8
2.9
2.10
2.11
2.12
2.13
2.14
2.15
2.16
2.17
2.18
2.19
2.20
2.21
2.22
2.23
2.24
2.25
2.26
2.27
2.28



For MVP-DAX DM CS operation description, see drawing no. "EIN-CP-OP-2496".

*** Removal of Alarm / Lag Pump On Link Rail**

Removal of the terminal link rail will separate the high level alarm and lag pump on functions.

Terminal Link Rail

***Power Wiring Options: 230 VAC Pumps**

Three Circuits

Factory default. Wire as shown.

Two Circuits

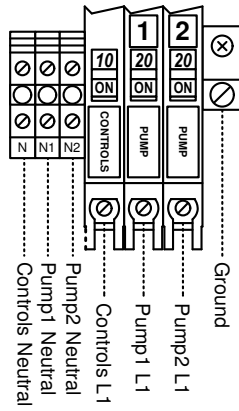
Use one wire nut to connect the first pole of each pump circuit breaker together with the incoming L1 power line. Use another wire nut to connect the second pole of each pump circuit breaker together with the incoming L2 power line.

One Circuit

Use one wire nut to connect the first pole of each pump circuit breaker together with the controls breaker and the incoming L1 power line. Use another wire nut to connect the second pole of each pump circuit breaker with the incoming L2 power line.

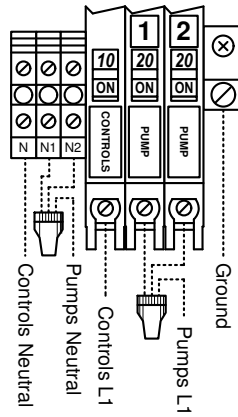
Power Wiring Options

Three Circuits



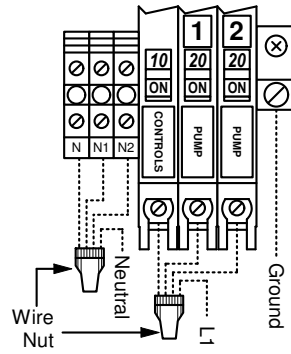
Factory default.
Wire as shown.

Two Circuits



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

One Circuit



Use one wire nut to connect each 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 each pump with the controls neutral block and with the incoming neutral line.