

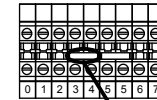
# Control Panel Wiring Diagram

## Model MVP-S1 DM

### Key

- = Factory Wire
  - = Field Wire
  - - - = Alternate Field Wire
  - A = Audio Alarm, 115 VAC
  - AL = Alarm Light
  - AS = Audio Silence Switch
  - CCB = Controls Circuit Breaker
  - Logo = Logic Module
  - M = Motor Contactor
  - PCB = Pump Circuit Breaker
  - TL = Terminal Link
- \*Options**
- HT = Heater
  - PL = Power Light
  - PRL = Pump Run Light
  - SA = Surge Arrestor
  - TS = Test Switch

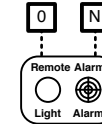
### \*Link Rail Placement



Terminal Link Rail

Removal or movement of the terminal link rail will separate or combine float functions. See float arrangement diagrams for more details.

### Remote Alarm Connections



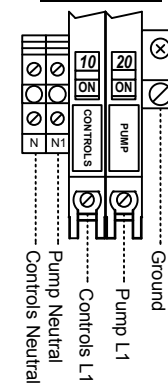
Orenco Model AHW or equiv.

Note: 115VAC signal is present during alarm conditions.

For MVP-S DM operation description, see drawing no. "EIN-CP-OP-2036".

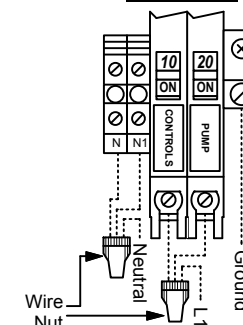
### Power Wiring Options

#### Two Circuits

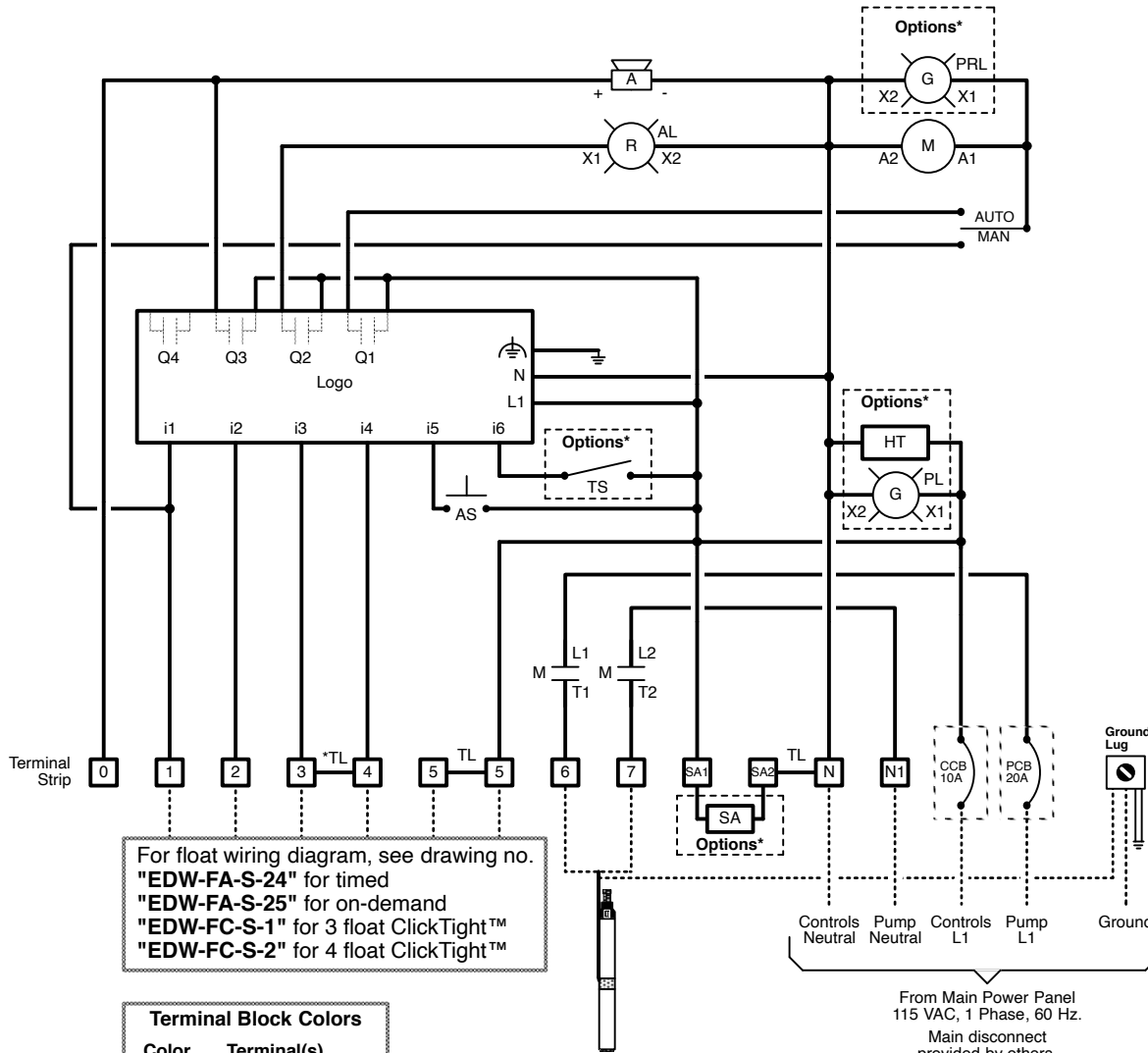


Factory default.  
Wire as shown.

#### One Circuit



Use one wire nut to connect the pump and controls circuit breakers together with the incoming L1 power line. Use another wire nut to connect the pump and controls neutral blocks together with the incoming neutral line.



For float wiring diagram, see drawing no. "EDW-FA-S-24" for timed  
"EDW-FA-S-25" for on-demand  
"EDW-FC-S-1" for 3 float ClickTight™  
"EDW-FC-S-2" for 4 float ClickTight™

### Terminal Block Colors

Color	Terminal(s)
Orange	1
Blue	2
Brown	3
Yellow	4
Black	6
White	7
Gray	All Others

Pump  
115 VAC / 1 Hp.  
1 Phase / 60 Hz.

NOTE: Motors must have internal overload protection