

U.L. listed Simplex, Duplex & Triplex motor controllers are designed to automatically start and stop pump-motors in a variety of applications including Booster, Waste Water, and Storm Water By-Pass Pumps.



Standard Features

- NEMA 1 rated enclosure
- Fused disconnect with through-door interlock
- 120 volt fused transformer
- Programmable Logic Controller**
- Magnetic contactors with O/L protection
- Hand-Off-Auto selector switch
- System pressure switch
- Low suction pressure switch alarm with silence PB**
- Power On light
- Pump running light
- Low suction pressure light**

** Note: Standard on all Booster Pump Panels

Optional Features

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|---|---|
| A9 - High system pressure switch and alarm & light | HMI - PLC display module |
| A10 - High suction pressure switch and alarm & light | H2 - Space heater with thermostat |
| A11 - Low system pressure switch and alarm & light | LL - Lead/Lag manual selector switch |
| A12 - Remote alarm contact(s) | LVM - Low voltage Monitor |
| A13 - O/L trip alarm & light | L2 - Three phase lightning arrestor |
| A14 - Terminals for remote mounted Pressure Switch | MC - PLC memory cartridge |
| A15 - Alarm Silence Light | M1 - Elapsed time meter |
| A16 - High Water Temperature Switch alarm circuit | PLC - Programmable Logic Controller |
| A17 - Pump failure alarm | PM - Phase monitor |
| CS1 - Current sensing | PS4 - Tank pressure switch |
| C1 - Circuit breakers in place of fuses | PS6 - Compound Low Suction pressure switch |
| DR1 - Duplex Receptacle w/Ground Fault | PST - Pressure transducer |
| E4 - Nema 3R/4 enclosure | RA - External Overload Reset Push Buttons |
| E4XA - Nema 4X corrosion resistant coating | RTC - PLC real time clock |
| E4XB - Nema 4X corrosion resistant Stainless Steel | STR - Red Alarm Strobe Light |
| E12 - Nema 12 enclosure | WW - Waste Water (Float System) |
| FS1 - Failure to start light | |

Ordering Information

When ordering a MASTER pump motor controller, be sure to specify the following to ensure prompt order entry and delivery: Complete model number, Motor(s) horsepower, Single or three phase voltage, Motor rated voltage and frequency, Motor(s) full load current(s), Motor(s) Service Factor, Motor(s) RPM (if possible) and Controller options.