## **Pump Panels M-Plex Series Motor Controller**



*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**

- A9 High system pressure switch and alarm & light
- A10 High suction pressure switch and alarm & light
- **A11** Low system pressure switch and alarm & light
- **A12** Remote alarm contact(s)
- A13 O/L trip alarm & light
- **A14** Terminals for remote mounted Pressure Switch
- A15 Alarm Silence Light
- A16 High Water Temperature Switch alarm circuit
- A17 Pump failure alarm
- **CS1** Current sensing
- **C1** Circuit breakers in place of fuses
- **DR1** Duplex Receptacle w/Ground Fault
- **E4** Nema 3R/4 enclosure
- **E4XA** Nema 4X corrosion resistant coating
- **E4XB** Nema 4X corrosion resistant Stainless Steel
- **E12** Nema 12 enclosure
- FS1 Failure to start light

- HMI PLC display module
- **H2** Space heater with thermostat
- LL Lead/Lag manual selector switch
- LVM Low voltage Monitor
  - L2 Three phase lightning arrestor
  - MC PLC memory cartridge
  - M1 Elapsed time meter
  - PLC Programmable Logic Controller
  - **PM** Phase monitor
  - **PS4** Tank pressure switch
  - **PS6** Compound Low Suction pressure switch
  - **PST** Pressure transducer
  - RA External Overload Reset Push Buttons
  - **RTC** PLC real time clock
  - STR Red Alarm Strobe Light
- WW Waste Water (Float System)

## **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.