**MCO Wye Delta (Open) Fire Pump Controller**

**Notes:**
1. Deluge Valve (maintained) contact(s) & Remote Start (momentary) contact(s) OPEN to start pump.
2. Lockout contact(s) CLOSE to lockout pump.
3. Power Failure Alarm (PAR) contact(s) shown in Alarm State. All others shown Normal.

**Controller Suitable for Use as Service Equipment**

**Typical Wye-Delta Motor Controller Connections**

**For 12 Lead Motor Series**
- Dual Voltage Motor - Higher Voltage -
- Dual Voltage Motor - Lower Voltage -
- Single Voltage Motor

**For 6 Lead Motor**
- Tie Together Motor Leads
  - T4-T7, T5-T8, T6-T9
  - T8-T12, T4-T11, T5-T12

**For 12 Lead (Parallel) Motor**
- Tie Together Motor Leads
  - T1-T4, T2-T5, T3-T6
  - T7-T11, T8-T12, T9-T13

**Master Electric Fire Pump Controller**

**UL Listed**

**FM Approved**

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**Master Control Systems Inc.**

LAKE BLUFF, ILLINOIS U.S.A.

MODEL MCO EXTERNAL WIRING DIAGRAM - G4

Date 10 Jan 2014

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