ECST Soft Start Transfer Switch 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) & Genset Start (GSR) contacts shown in Alarm or Starting State. All others shown Normal.

Controller Suitable for Use as Service Equipment

To Normal 3 Ø A.C. Source
(Sequence ABC)

To Emergency 3 Ø A.C. Source
(Sequence ABC)

MASTER Transfer Switch Fire Pump Controller

TB1B

- Pump Demand or Low Zone Start Circuit
- Transfer 3 ø Normal Remote Alarm
- Transfer 3 ø Emergency Remote Alarm
- Ener G.C. Open Remote Alarm
- Genset Start Circuit (Note 3)

- Contacts CLOSE to ALARM
- Contacts OPEN to ALARM

Alarm contact rating (Resistive): 2 Amps @ 30VDC,
1 Amp @ 125 VAC

TB1A

- Deluge Remote
- Remote Start
- Lockout Contact (Note 2)

- Pump Running Remote Alarm
- Pump Running Remote Alarm
- AC Power Fail Remote Alarm (Note 3)
- Phase Sequence Remote Alarm

- To 1 G.C. Supervisory Power Source

Motor

UL Listed
FM Approved

Master Control Systems Inc.
LAKE BLUFF, ILLINOIS U.S.A.

MODEL ECST EXTERNAL WIRING DIAGRAM - G4

Date: 10 Jan 2014
Drawing: 21117 Issue 2