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 3Ø A.C. Source
(SEQUENCE ABC)
to Emergency 3Ø A.C. Source
(SEQUENCE ABC)

GROUNDED SERVICE CONDUCTOR
GROUNDED ELECTRODE CONDUCTOR

MASTER Transfer Switch Fire Pump Controller

SYSTEM TRIB REMOTE ALARM
PUMP DEMAND OR LOW ZONE START CIRCUIT
TRANSFER SH NORM REMOTE ALARM
TRANSFER SH EMER CV OPEN REMOTE ALARM
GENSET START CIRCUIT (Note 3)

* - Contacts CLOSE to ALARM
\( \bullet \) - Contacts OPEN to ALARM
Alarm contact rating (Resistive): 2 Amps @ 30VDC,
1 Amp @ 125VAC

EXTERNAL ETHERNET RJ45 CONNECTOR

D.O.C.
(REMOTE START)
(Lockout Contact)

PUMP RUNNING REMOTE ALARM
PUMP RUNNING REMOTE ALARM
AC POWER FAIL REMOTE ALARM (Note 3)
PHASE SEQUENCE REMOTE ALARM

TO 1Ø A.C. SUPP/BODY POWER SOURCE

MOTOR

MODEL ECAT EXTERNAL WIRING DIAGRAM - G4

Date 10 Jan 2014
Drawing 21111 Issue 2

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