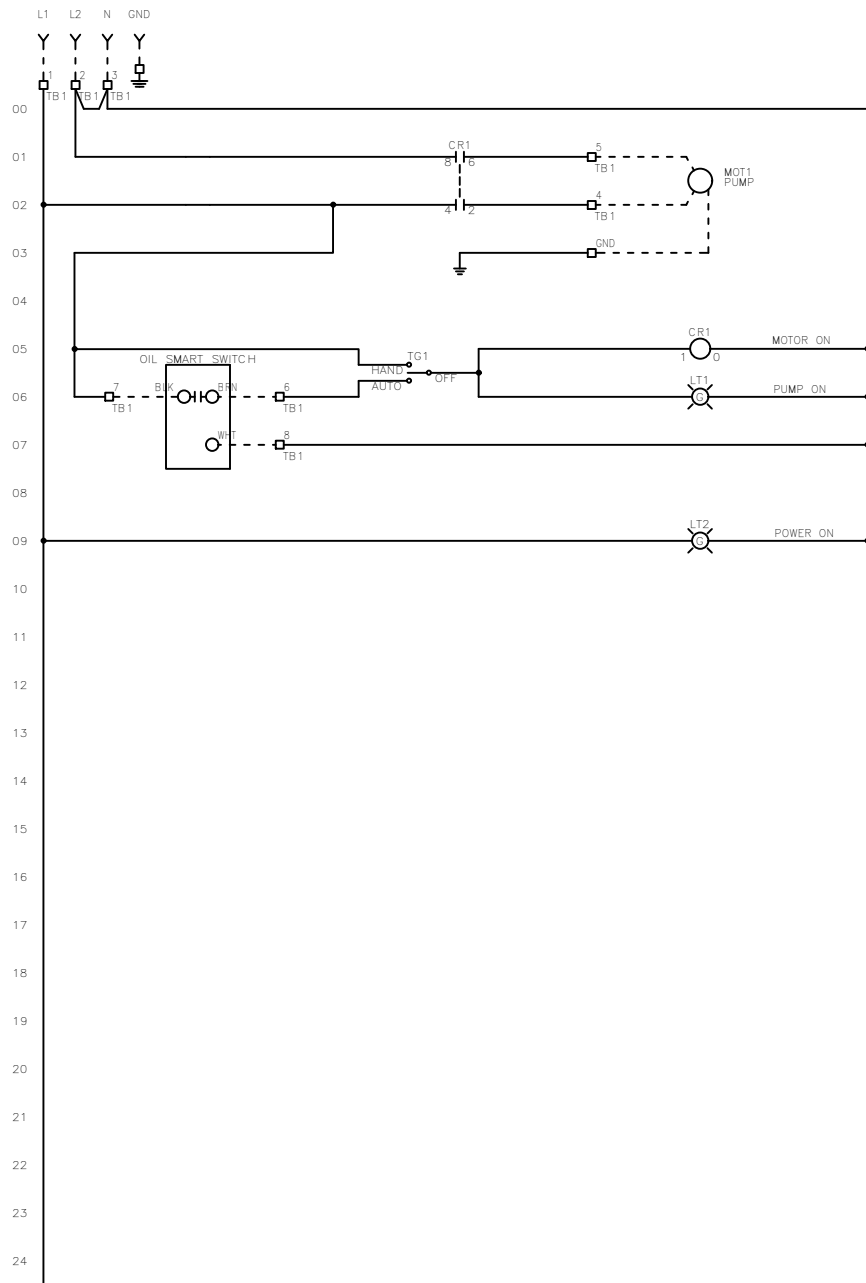


FNAME: OSSIM-30

REVDATE: 0125



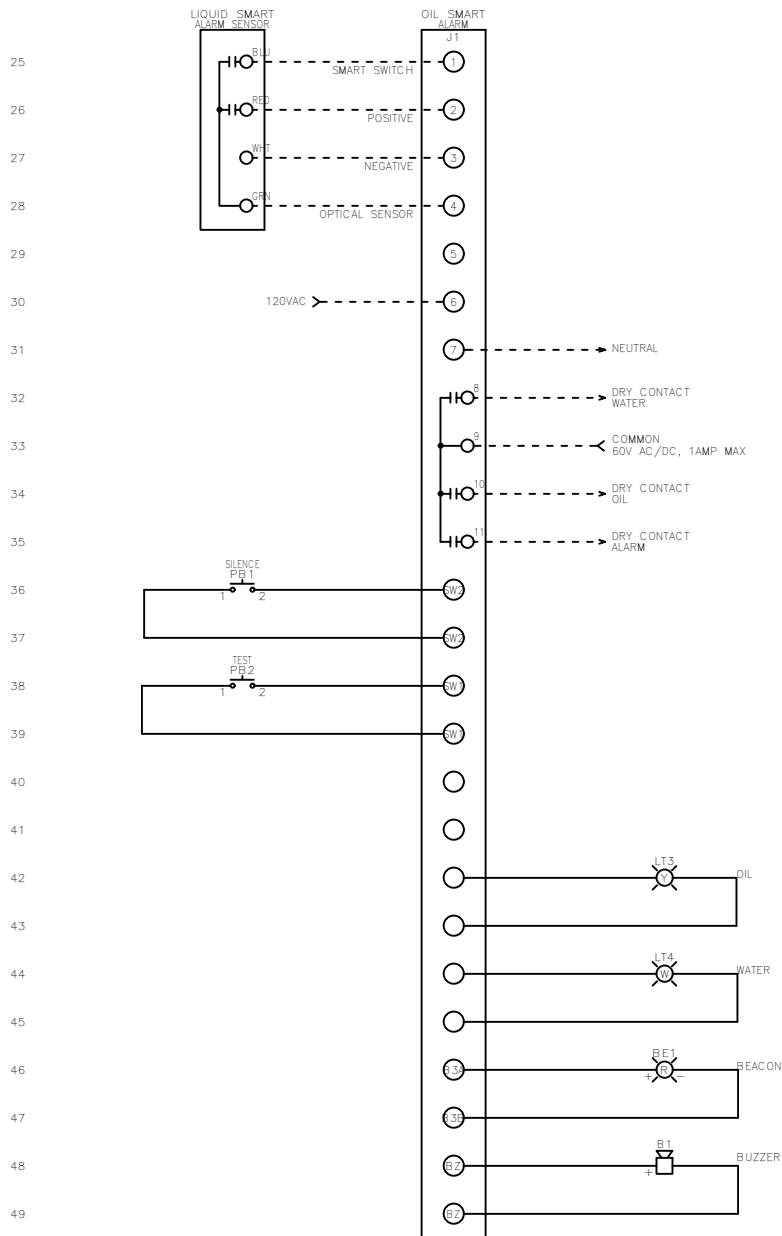
----- DASHED LINE INDICATES FIELD WIRING.

USE COPPER CONDUCTORS ONLY.

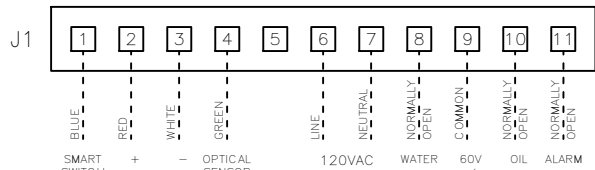
TEMPERATURE RATING OF CONDUCTORS IS TO BE:
60°C (140°F) FOR UNDER 100A.
75°C (167°F) FOR OVER 100A.

BRANCH CIRCUIT PROTECTION SHALL BE PROVIDED BY THE
INSTALLER: MUST BE SIZED ACCORDING TO PUMP/MOTOR
MANUFACTURING SPECIFICATIONS.

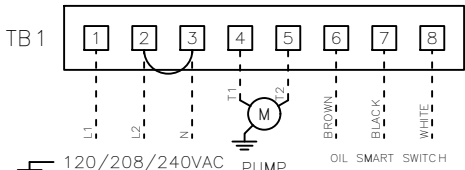
VERIFY CORRECT OPERATION OF CONTROL PANEL AFTER
INSTALLATION IS COMPLETE.



FIELD WIRING CONNECTIONS



LIQUID SMART ALARM SENSOR
SMART SWITCH + - OPTICAL SENSOR
120VAC 1-PHASE, 60Hz
WATER AC/DC 1 AMP MAX
OIL ALARM
NOTE: POWER CONNECTION. INSTALLER OPTIONS: PROVIDE DEDICATED POWER CIRCUIT. OR, JUMPER TO TB1, TERMINALS 1 & 3.



120/208/240VAC 1-PHASE, 60Hz
PUMP
OIL SMART SWITCH

NOTE: FOR 208/240VAC OPERATION REMOVE WHITE JUMPER. NEUTRAL REQUIRED FOR 120VAC CONTROL CIRCUIT.

FIELD WIRING TORQUE SPECS.	
TB1	10 IN-LB
TERMINAL BLOCK UT 2,5	5 IN-LB
TERMINAL BLOCK UT 4	7 IN-LB
TERMINAL BLOCK UT 6	15 IN-LB
TERMINAL BLOCK UT 10	15 IN-LB
TERMINAL BLOCK UT 16	25 IN-LB
TERMINAL BLOCK UT 35	30 IN-LB
TS1, TS2, J1, J2 & J3 PCB	5 IN-LB
TRANSFORMER H1F, H2F & H3F	15 IN-LB
TRANSFORMER H1, H2 & H3	10 IN-LB
DS1 VLS3P63-125 R2	45 IN-LB
DS1 LK4JU3CN 100A	36 IN-LB
DS1 LK4MU3N 200A	200 IN-LB

DRAWN BY: MM
APPROVED BY: MM
DATE: 6/30/14
DATE: 6/30/14
THIS DRAWING CONTAINS PROPRIETARY INFORMATION AND SHALL NOT BE USED OR DISCLOSED WITHOUT PRIOR WRITTEN AUTHORIZATION.



TITLE: OSSIM-30 CONTROL SCHEMATIC

SIZE	DWG NO.	PART NO.	REV
B	1511	OSSIM-30	I

SCALE	NONE	SHEET	1 OF 1
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