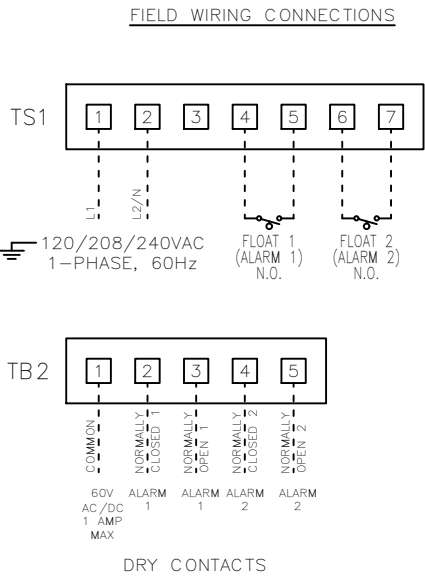
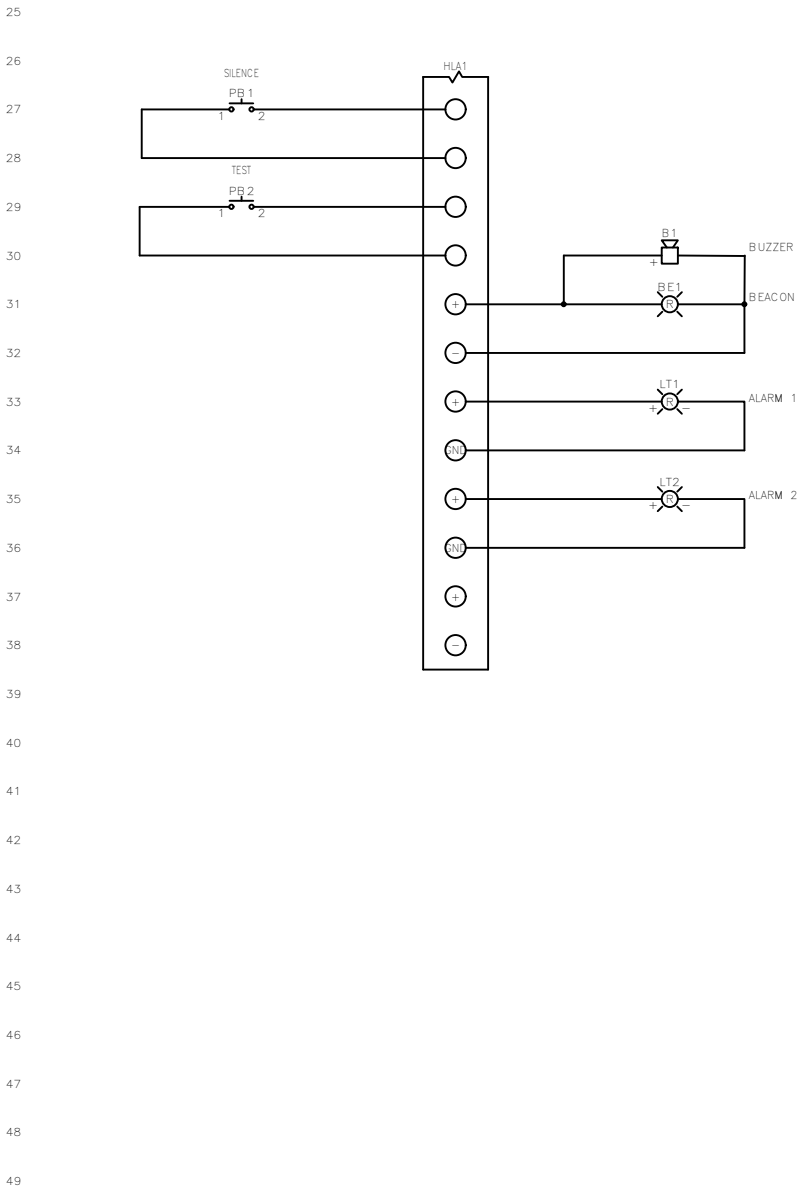
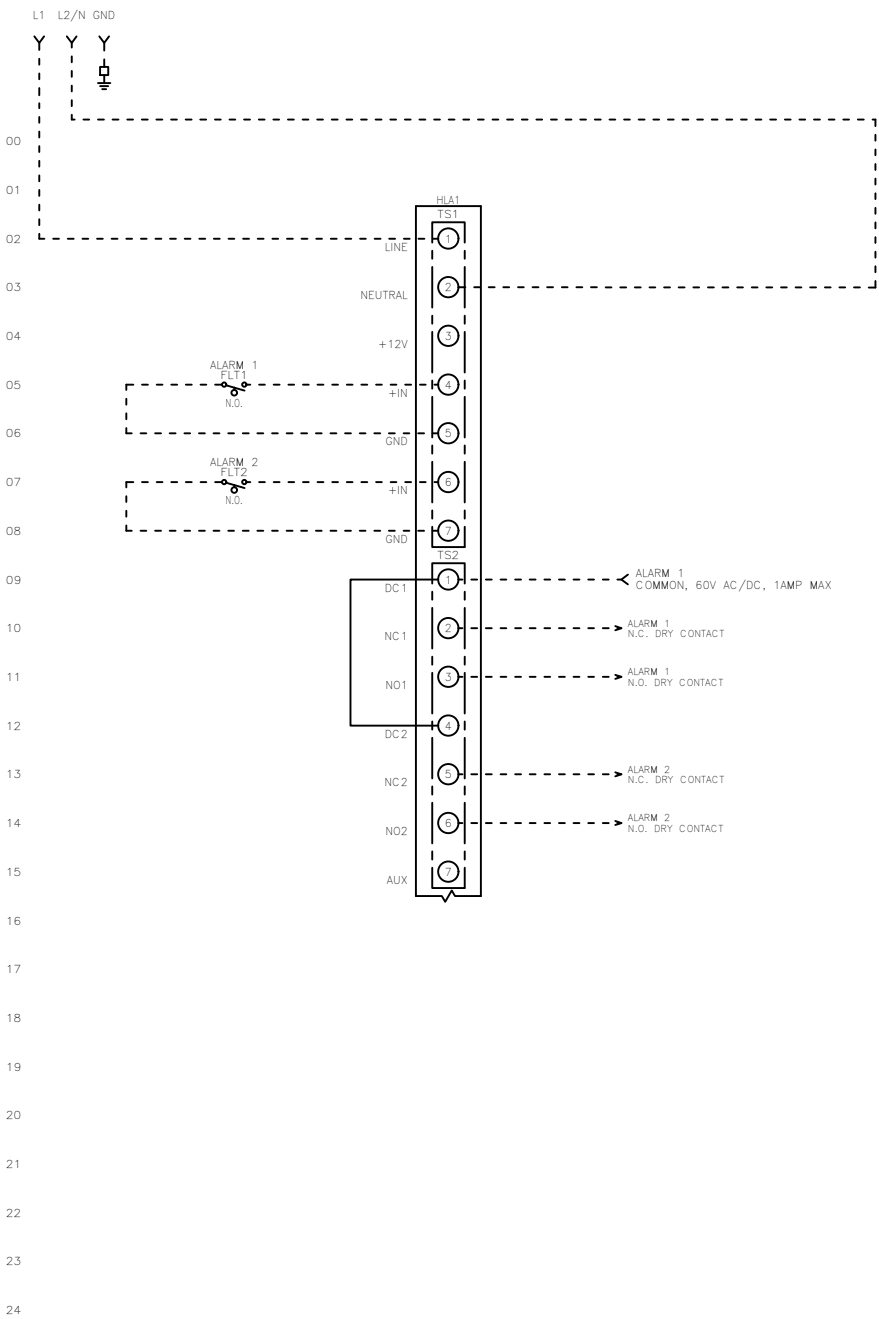


FNAME: HLA-4X-2

REVDATE: 11/23



MULTI-TAP TRANSFORMER:

CONNECT FACTORY TAGGED WIRES TO APPROPRIATE TRANSFORMER VOLTAGE TAP. SEE BELOW FOR CONNECTIONS:

FOR 208V OPERATION, CONNECT TO FUSE INPUT HF & TO TRANSFORMER TAP H2.

FOR 240V OPERATION, CONNECT TO FUSE INPUT HF & TO TRANSFORMER TAP H3.

FOR 480V OPERATION, CONNECT TO FUSE INPUT HF & TO TRANSFORMER TAP H4.

----- 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 TORQUE SPECS.	
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	9 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: DO
DATE: 8/14/17
DATE: 11/20/23

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TITLE: HLA-4X-2
CONTROL PANEL SCHEMATIC

SIZE	DWG NO.	PART NO.	REV
B	1624	HLA-4X-2	F
SCALE NONE		SHEET	1 OF 1