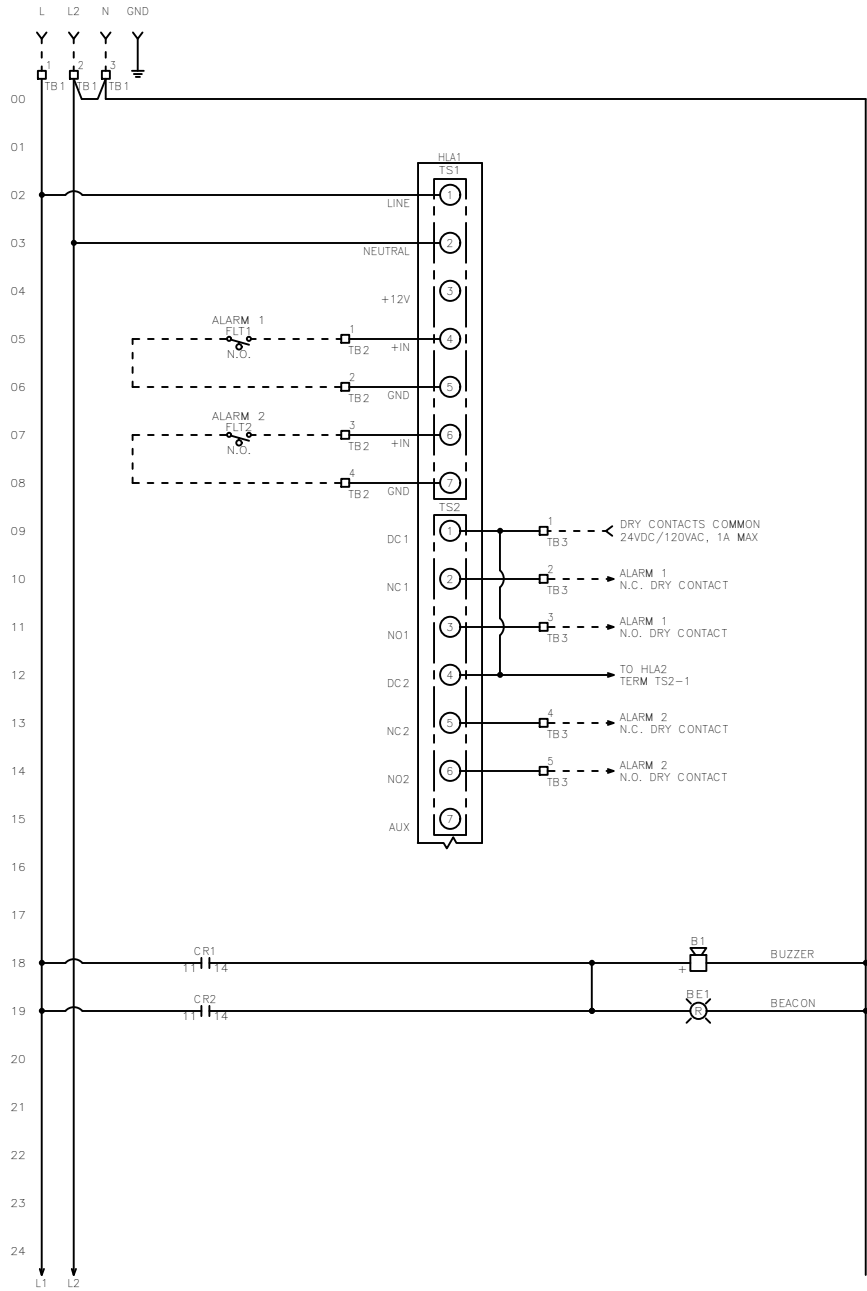


FNAME: HLA-4X-3

REVDATE: 0421

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	D	RELOCATED TEST AND SILENCE BUTTONS	4/6/21	IF



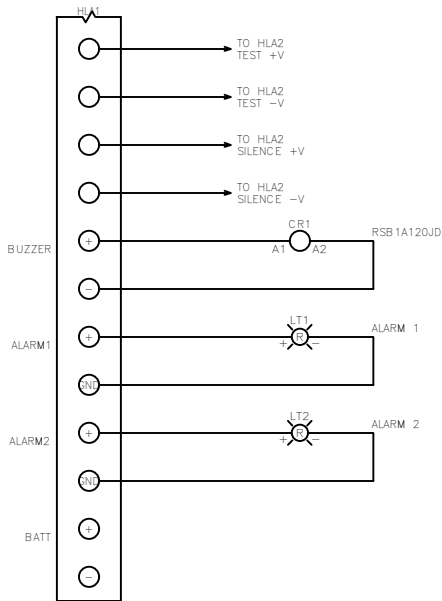
----- DASHED LINE INDICATES
FIELD WIRING.

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.



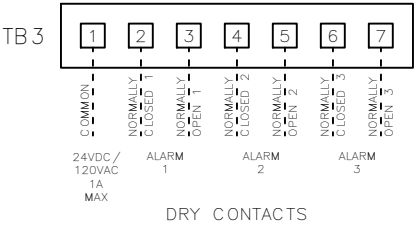
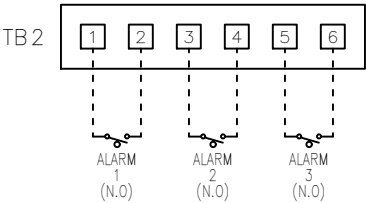
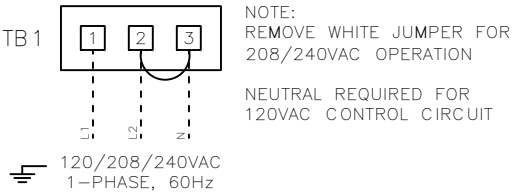
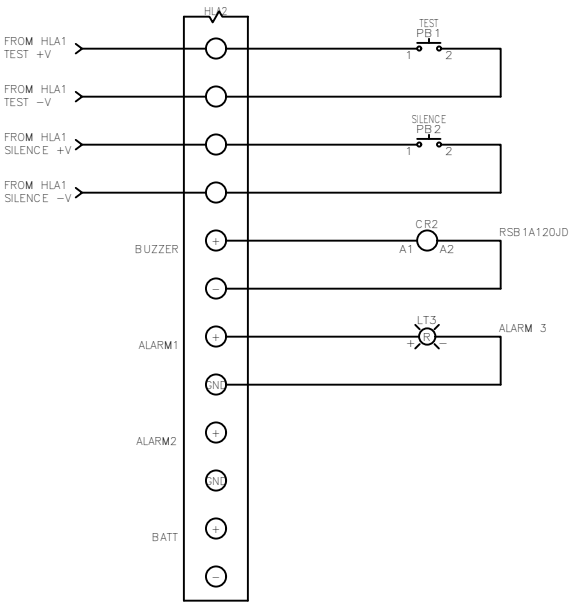
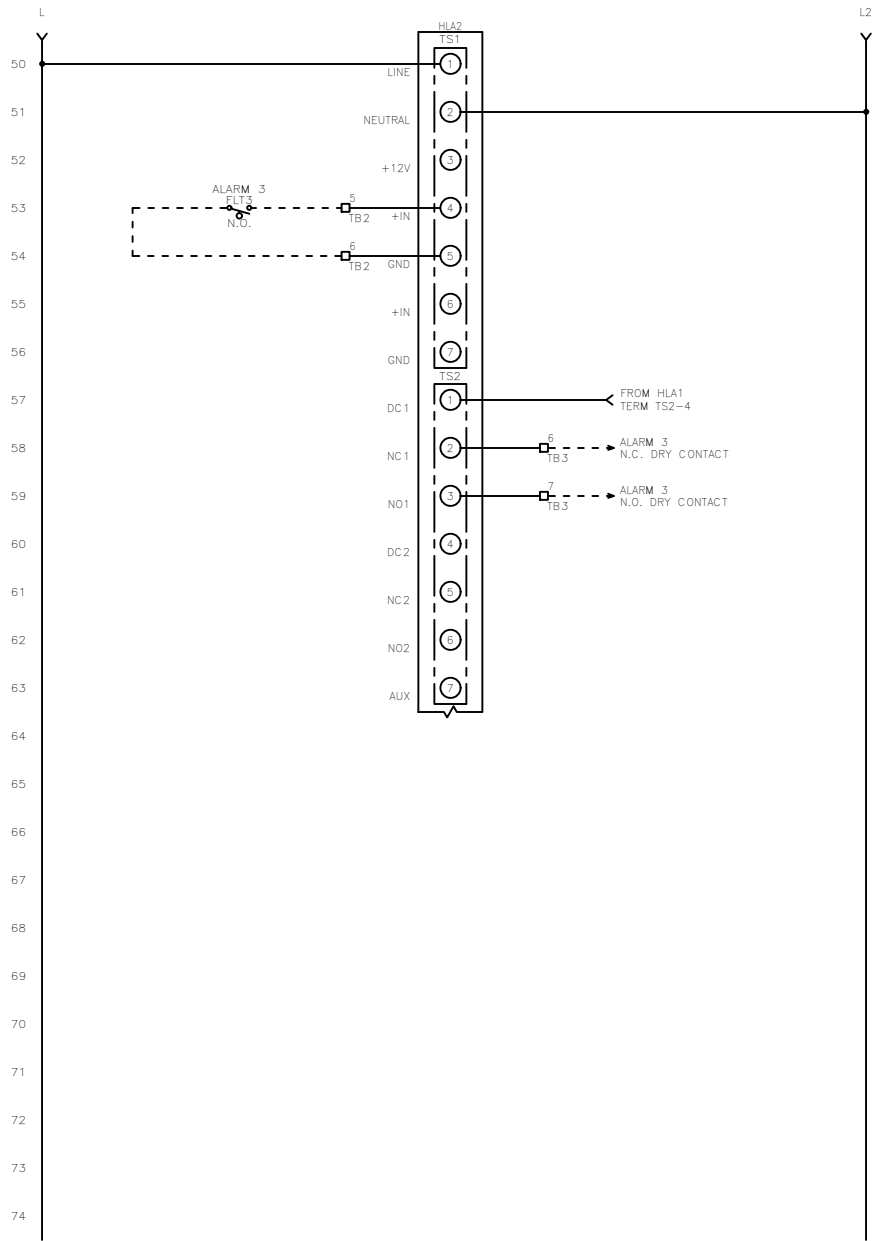
FIELD WIRING TORQUE SPECS.		DRAWN BY:	DATE:			
TERMINAL BLOCK UT 2,5	5 IN-LB	MM	7/23/16			
TERMINAL BLOCK UT 4	7 IN-LB	APPROVED BY:	DATE:	TITLE: HLA-4X-3 CONTROL SCHEMATIC		
TERMINAL BLOCK UT 6	15 IN-LB	KM	7/30/20			
TERMINAL BLOCK UT 10	15 IN-LB	THIS DRAWING CONTAINS PROPRIETARY INFORMATION AND SHALL NOT BE USED OR DISCLOSED WITHOUT PRIOR WRITTEN AUTHORIZATION.		SIZE B 1591 PART NO. HLA-4X-3 REV D		
TERMINAL BLOCK UT 16	25 IN-LB					
TERMINAL BLOCK UT 35	30 IN-LB					
TS1, TS2, J2 & J3 PCB	5 IN-LB					
TRANSFORMER H1F, H2F & H3F	15 IN-LB					
TRANSFORMER H1, H2 & H3	10 IN-LB					
DS1 VLS3P16-63 R1	16 IN-LB					
DS1 VLS3P63-125 R1	45 IN-LB					
DS1 LK4JU3CN 100A	36 IN-LB	SCALE NONE		SHEET 1 OF 2		
DS1 LK4MU3N 200A	200 IN-LB					

FNAME: HLA-4X-3

REVDATE: 0421

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	D	RELOCATED TEST AND SILENCE BUTTONS	4/6/21	IF

FIELD WIRING CONNECTIONS



DRY CONTACTS

DASHED LINE INDICATES FIELD WIRING.

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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
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DS1 VLS3P63-125 R1	45 IN-LB
DS1 LK4JU3CN 100A	36 IN-LB
DS1 LK4MU3N 200A	200 IN-LB

DRAWN BY: MM
APPROVED BY: KM
DATE: 7/23/16
DATE: 7/30/20
THIS DRAWING CONTAINS PROPRIETARY INFORMATION AND SHALL NOT BE USED OR DISCLOSED WITHOUT PRIOR WRITTEN AUTHORIZATION.



TITLE:

HLA-4X-3
CONTROL SCHEMATIC

SIZE B	DWG NO. 1591	PART NO. HLA-4X-3	REV D
SCALE NONE		SHEET 2 OF 2	