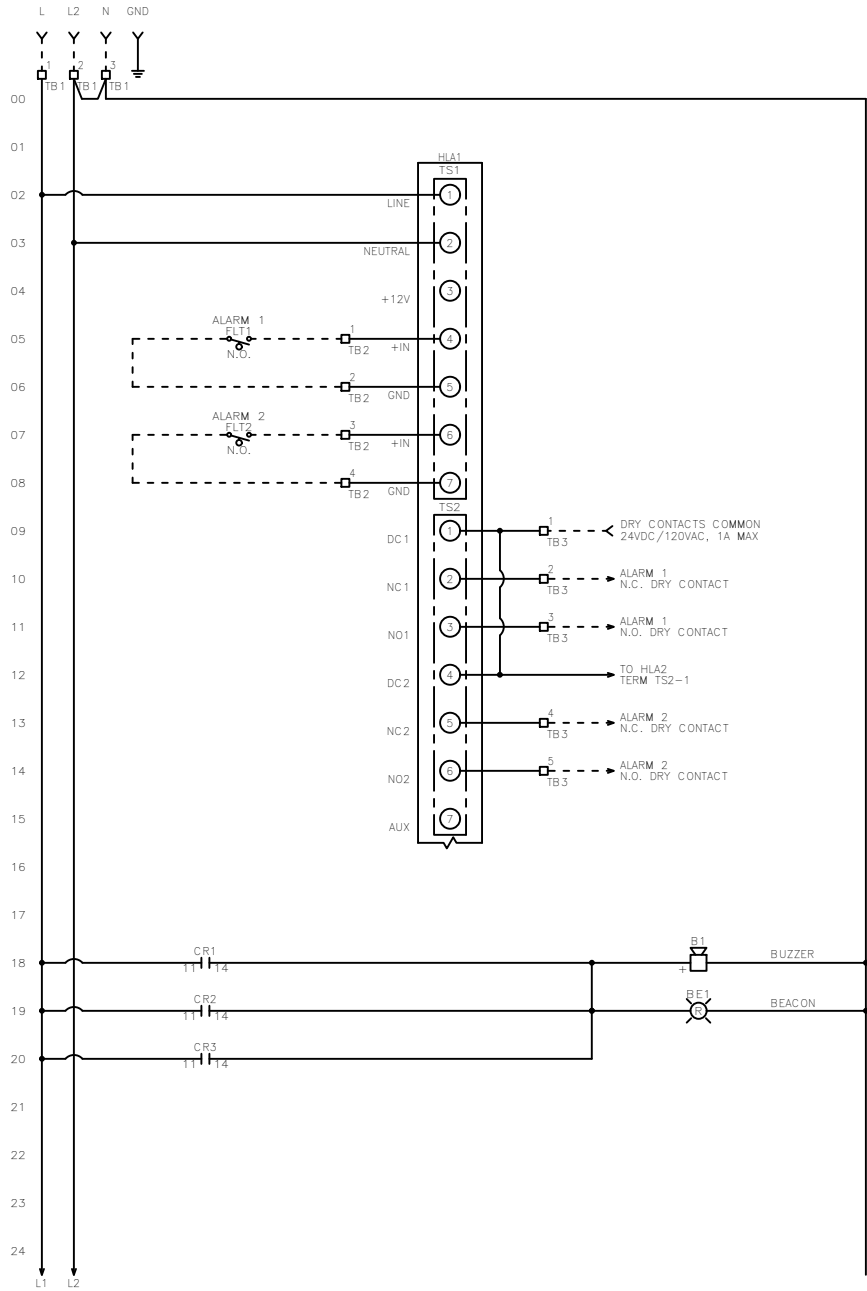


FNAME: HLA-4X-5

REVDATE: 0720

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	VARIOUS UPDATES	8/28/17	
	B	UPDATED CONTENT	3/12/18	
	C	ADDED TERMINALS FOR FLOATS AND DRY CONTACTS	7/30/20	AO



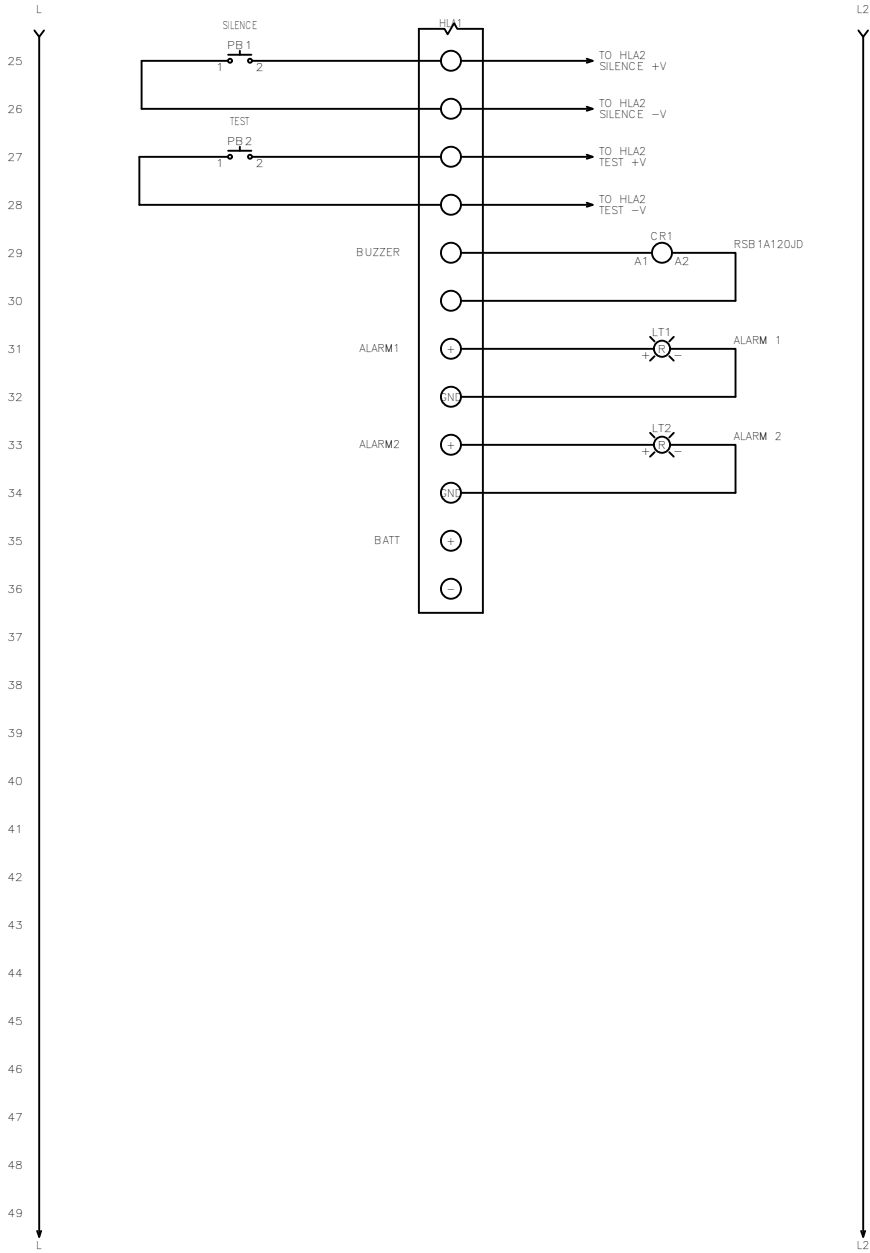
----- DASHED LINE INDICATES FIELD WIRING.

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.

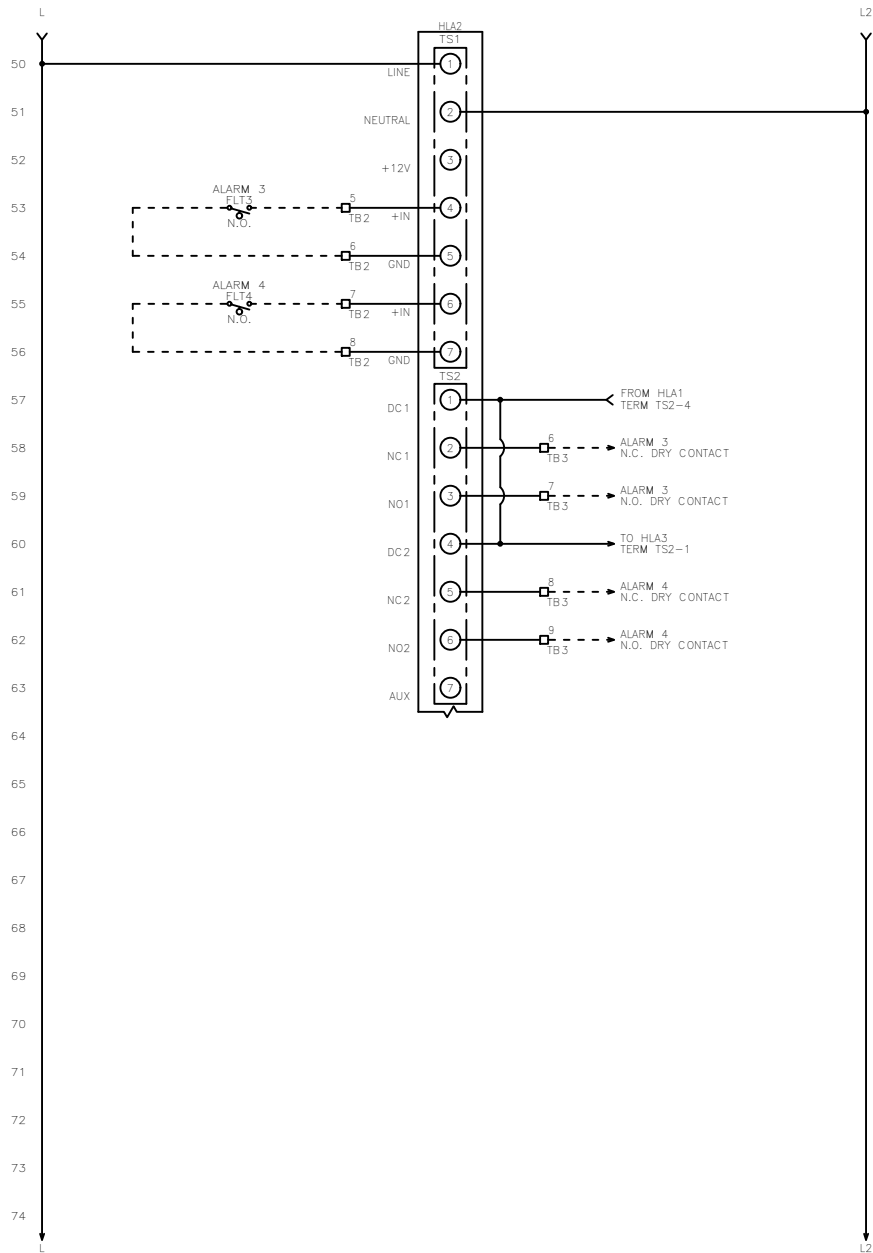


FIELD WIRING TORQUE SPECS.		DRAWN BY:	DATE:				
TERMINAL BLOCK UT 2,5	5 IN-LB	MM	7/23/16	TITLE: HLA-4X-5 CONTROL SCHEMATIC			
TERMINAL BLOCK UT 4	7 IN-LB	APPROVED BY:	DATE:				
TERMINAL BLOCK UT 6	15 IN-LB	KM	7/30/20	THIS DRAWING CONTAINS PROPRIETARY INFORMATION AND SHALL NOT BE USED OR DISCLOSED WITHOUT PRIOR WRITTEN AUTHORIZATION.			
TERMINAL BLOCK UT 10	15 IN-LB						
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						
DS1 LK4MU3N 200A	200 IN-LB						
				SIZE B	DWG NO. 1592	PART NO. HLA-4X-5	REV C
				SCALE NONE		SHEET 1 OF 3	

FRAME: HLA-4X-5

REVDATE: 0720

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	VARIOUS UPDATES	8/28/17	
	B	UPDATED CONTENT	3/12/18	
	C	ADDED TERMINALS FOR FLOATS AND DRY CONTACTS	7/30/20	AO



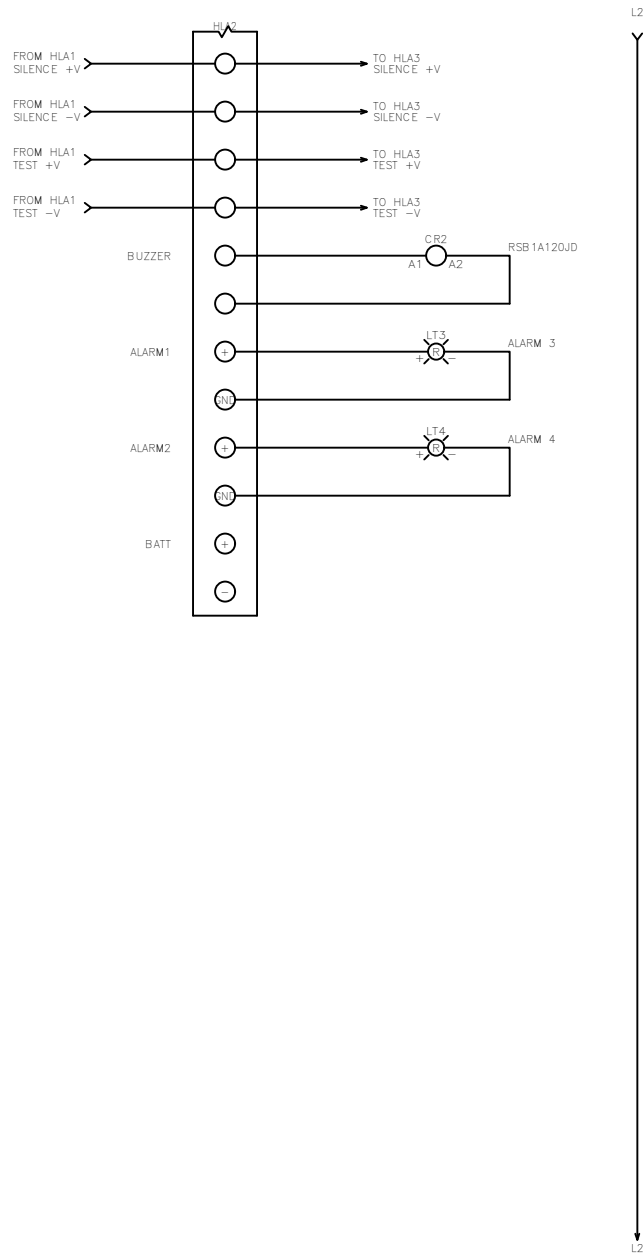
----- DASHED LINE INDICATES
FIELD WIRING.

USE COPPER CONDUCTORS ONLY.

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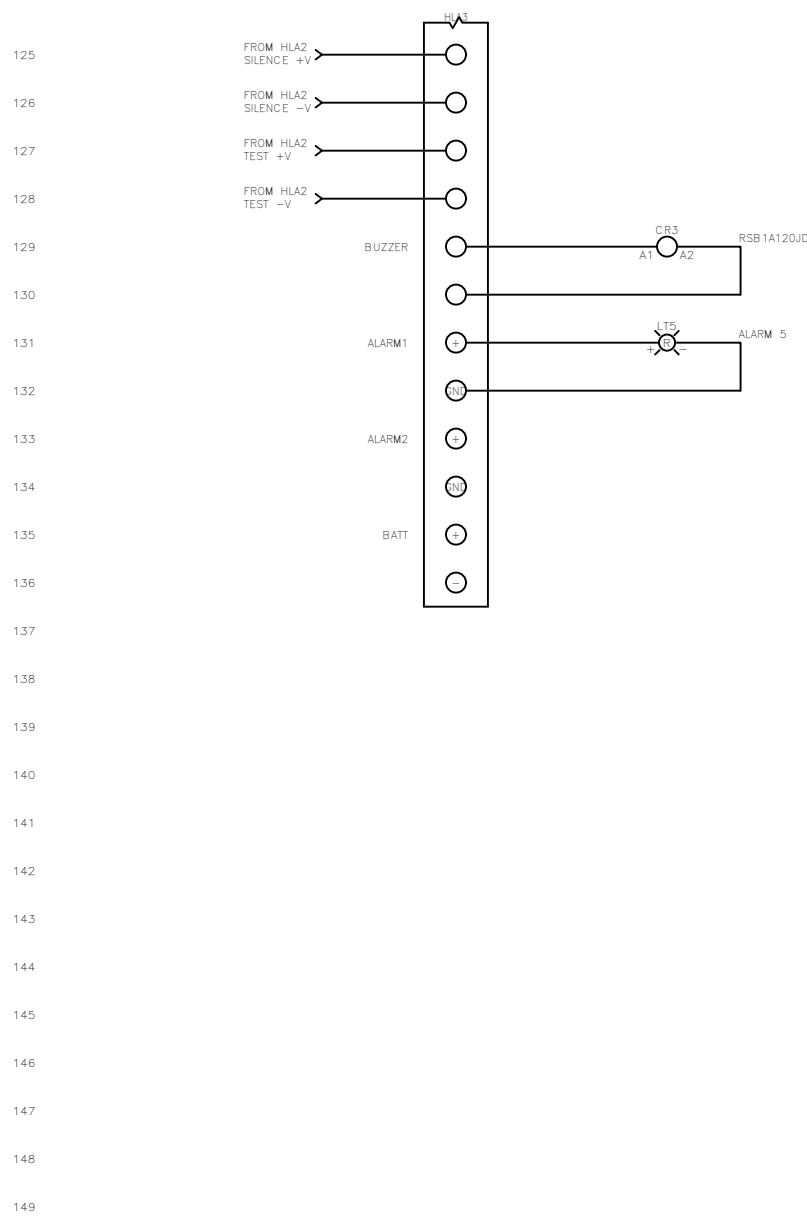
BRANCH CIRCUIT PROTECTION SHALL BE PROVIDED BY THE
INSTALLER: MUST BE SIZED ACCORDING TO PUMP/MOTOR
MANUFACTURING SPECIFICATIONS.

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	TITLE: HLA-4X-5 CONTROL SCHEMATIC					
TERMINAL BLOCK UT 4	7 IN-LB	APPROVED BY:	DATE:						
TERMINAL BLOCK UT 6	15 IN-LB	KM	7/30/20	THIS DRAWING CONTAINS PROPRIETARY INFORMATION AND SHALL NOT BE USED OR DISCLOSED WITHOUT PRIOR WRITTEN AUTHORIZATION.					
TERMINAL BLOCK UT 10	15 IN-LB								
TERMINAL BLOCK UT 16	25 IN-LB			SIZE		DWG NO.	PART NO.	REV	
TERMINAL BLOCK UT 35	30 IN-LB			B	1592	HLA-4X-5		C	
TS1, TS2, J2 & J3 PCB	5 IN-LB			SCALE		NONE		SHEET	
TRANSFORMER H1F, H2F & H3F	15 IN-LB							2 OF 3	
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								
DS1 LK4MU3N 200A	200 IN-LB								

REVDATE: 0720



FIELD WIRING CONNECTIONS



VERIFY CORRECT OPERATION OF CONTROL PANEL AFTER
INSTALLATION IS COMPLETE.

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

			
TITLE: HLA-4X-5 CONTROL SCHEMATIC			
SIZE B	DWG NO. 1592	PART NO. HLA-4X-5	REV C
SCALE NONE		SHEET 3	OF 3