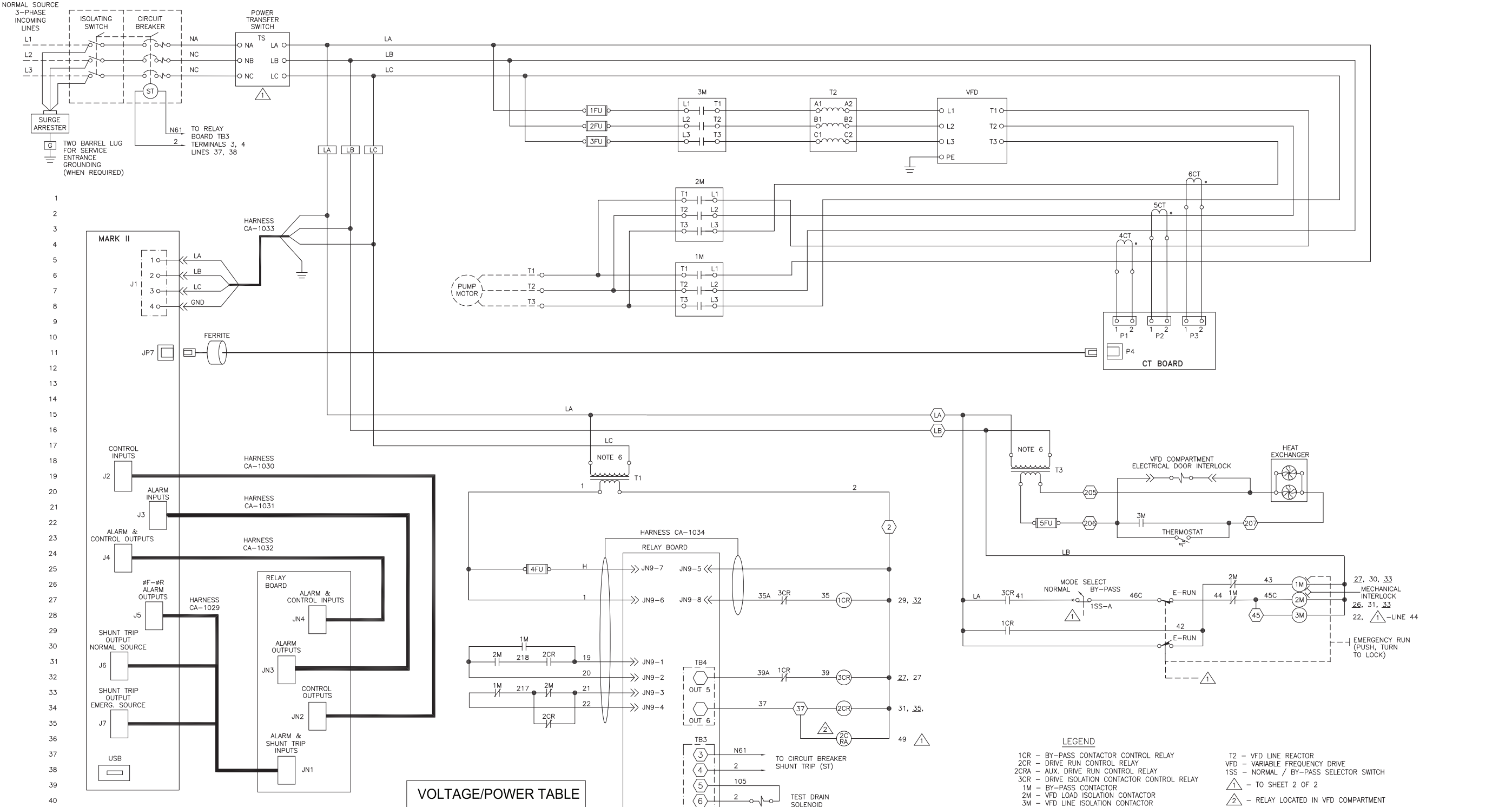




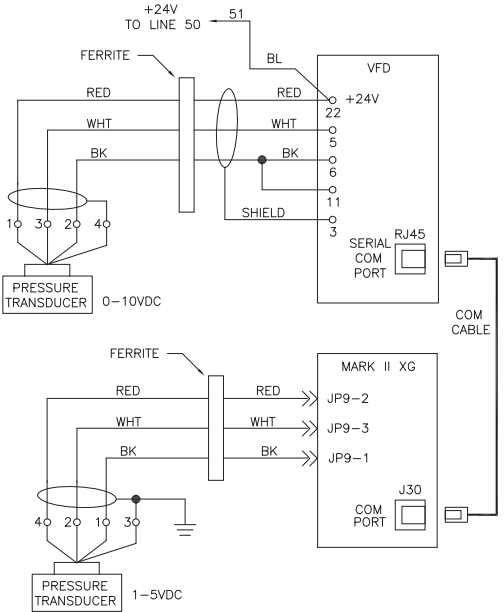
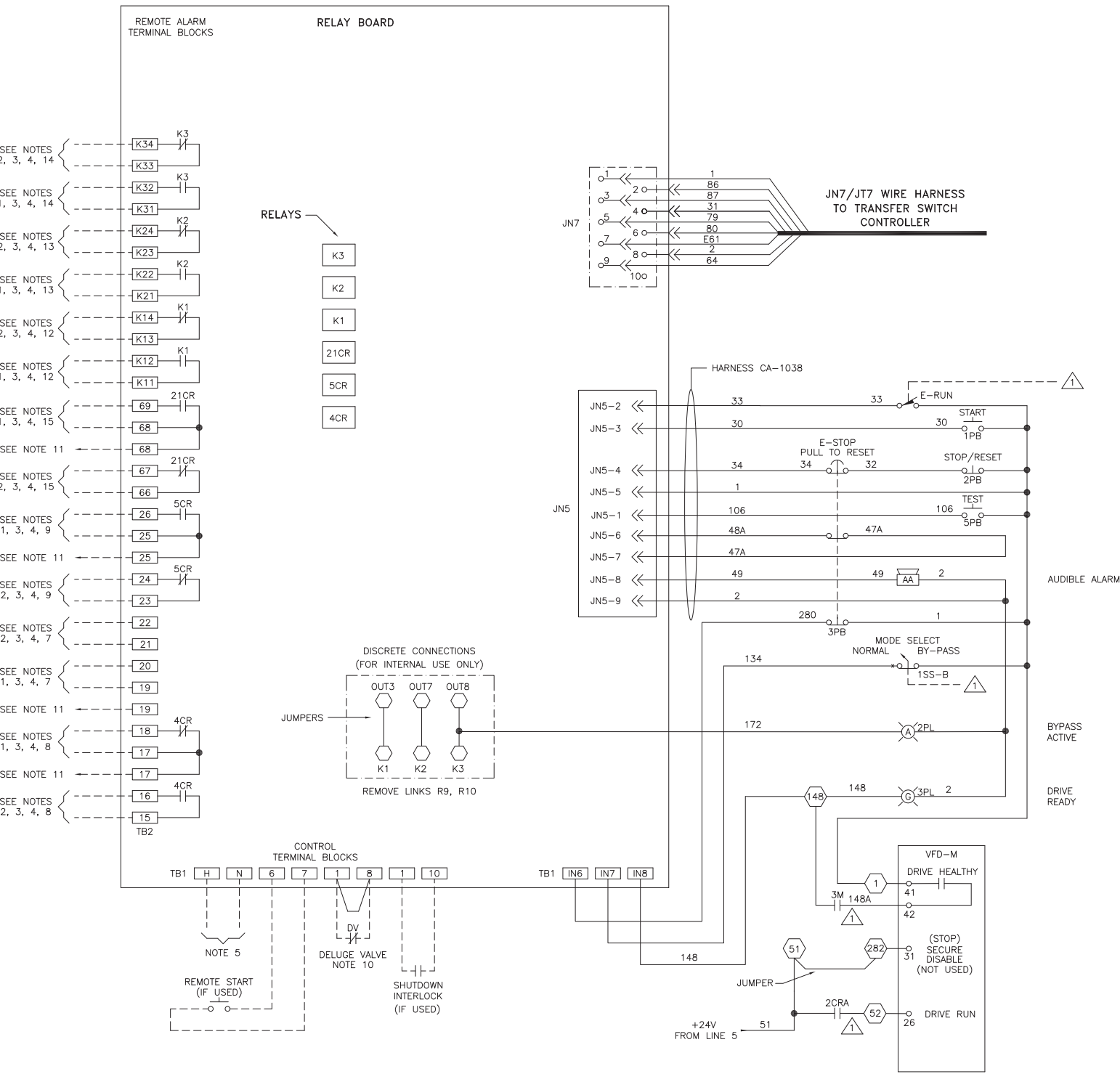
MarkIIxg Electric Fire Pump Controllers – Variable Speed Starting with Across The Line Bypass and Power Transfer Switch





MarkIIxG Electric Fire Pump Controllers – Variable Speed Starting with Across The Line Bypass and Power Transfer Switch



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- NOTES
- 1. NORMALLY OPEN, CLOSSES TO ALARM
 - 2. NORMALLY CLOSED, OPENS TO ALARM
 - 3. FOR PILOT DUTY ONLY, 250VAC, 30VDC, 10A. MAX. LOAD
 - 4. ALL CONTACTS SHOWN DE-ENERGIZED
 - 5. TERMINALS H AND N RATED 100VA, 120VAC MAX. LOAD
 - 6. REFER TO TRANSFORMER NAMEPLATE FOR CONNECTION INFORMATION
 - 7. TO PUMP RUNNING REMOTE ALARM CIRCUITS
 - 8. TO PHASE/POWER FAILURE REMOTE ALARM CIRCUITS
 - 9. TO PHASE REVERSAL REMOTE ALARM CIRCUITS
 - 10. REMOVE JUMPER WHEN DELUGE VALVE CONTACT IS USED
 - 11. SPARE TERMINAL PROVIDED FOR PARALLEL CONNECTION OF REMOTE ALARMS (IF REQUIRED)
 - 12. TO VARIABLE SPEED PRESSURE LIMITING CONTROL OVER-PRESSURE REMOTE ALARM CIRCUITS
 - 13. TO DRIVE FAILURE REMOTE ALARM CIRCUITS
 - 14. TO BY-PASS MODE ACTIVE REMOTE ALARM CIRCUITS
 - 15. TO EMERGENCY SOURCE ISOLATING SWITCH OPEN REMOTE ALARM CIRCUITS

1 - FROM SHEET 1 OF 2

- LEGEND
- 4CR - PHASE/POWER FAILURE ALARM RELAY
 - 5CR - PHASE REVERSAL ALARM RELAY
 - 21CR - EMERGENCY SOURCE ISOLATING SWITCH ALARM RELAY
 - K1 - VFD OVER-PRESSURE ALARM RELAY
 - K2 - DRIVE FAILURE ALARM RELAY
 - K3 - BY-PASS MODE ALARM RELAY

 THIRD ANGLE PROJECTION	SIZE B	BY	DATE	 Firetrol, Inc. © Firetrol, Inc. Not for construction. Subject to change without notice.	REVISION DESCRIPTION		REV	ECN NO	BY	APP	DATE	
	DRAWN BY	TEF	05/17/21		WIRING SCHEMATIC		FTA3100M WITH FTA950		DRAWING NUMBER WS3100M-55			
	FINAL APPROVAL	TEF	05/17/21		VFD ELECTRIC FIRE PUMP CONTROLLER WITH FULL VOLTAGE BYPASS AND POWER TRANSFER SWITCH		DWG REV -		ECN NO =		SHEET 2 OF 2	
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