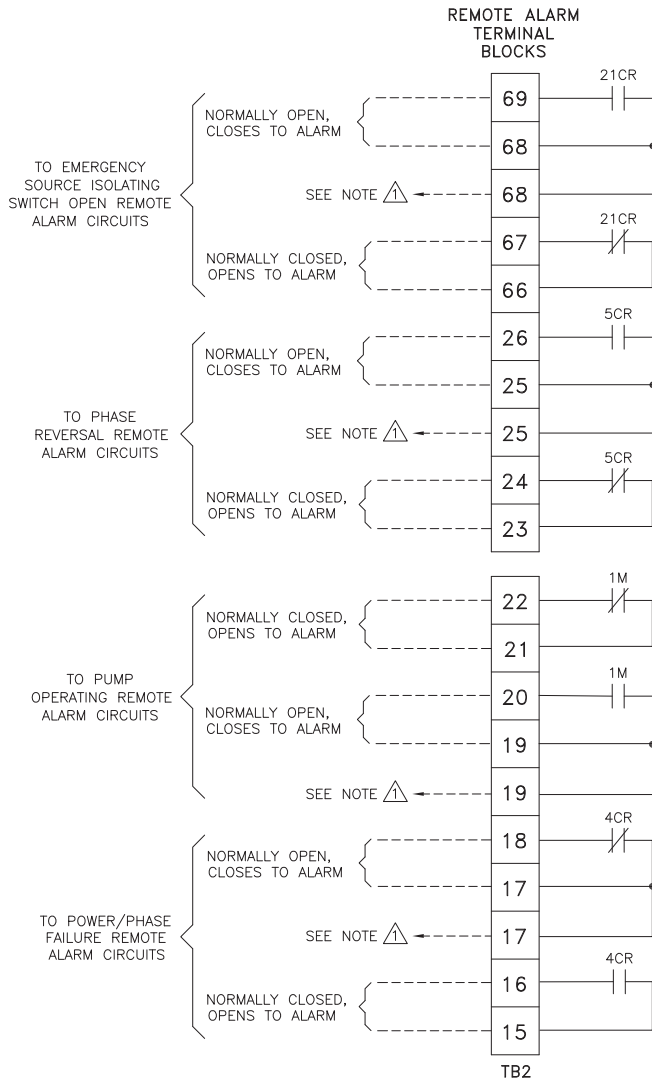




Mark IIx6 Electric Fire Pump Controllers

Field Connections FTA1000/950

Across The Line Starting W/ Power Transfer Switch

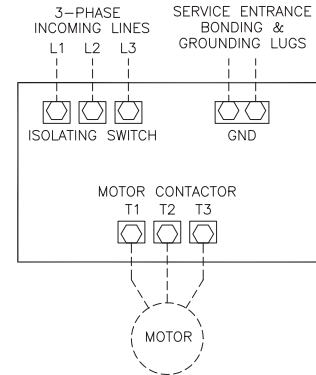


⚠️ SPARE TERMINALS PROVIDED FOR PARALLEL CONNECTION OF REMOTE ALARMS (IF REQUIRED)

NOTE: TERMINALS FOR CUSTOMER CONNECTIONS REQUIRE 3.5MM SLOTTED SCREW DRIVER

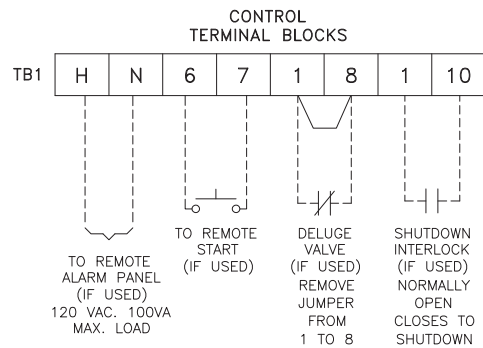
TERMINAL TIGHTENING TORQUE		
TERMINAL TYPE	WIRE SIZE	TIGHTENING TORQUE
CONTROL AND ALARM TERMINALS	#14-12 AWG [2.5-4 MM ²]	5.6 lb-in [.6 Nm]

—NOTE—
ALARM CONTACT RATING PILOT DUTY
250 VAC, 30 VDC
10 A. MAX. LOAD



- NOTES**
- 1- Incoming line terminals are provided to accommodate wire sizes at 125% of motor full load current per NFPA 70-2008, *National Electrical Code*, Table 430-250, Section 695.6(c), and Table 310-16, 75° rated Copper conductors.
 - 2- Controller is phase rotation sensitive. Incoming lines L1, L2 and L3 must be in ABC, right hand rotation sequence for proper operation of the phase monitor.
 - 3- Motor connections shown are typical. Since motor connections vary widely, refer to the motor connection diagram for specific wiring arrangement.
 - 4- For incoming line terminals and motor terminals field wire capacity refer to drawing FC1000-51

NOTE: USE COPPER CONDUCTORS ONLY FOR ALL CONNECTIONS



PRESSURE SYSTEM CONNECTION
1/2" FNPT

THIRD ANGLE PROJECTION	SIZE	A	BY	DATE
	DRAWN BY	TEF	05-06-02	
	FINAL APPROVAL	TEF	05-06-02	



UPDATED TITLE BLOCK		B	280404	JMW	TEF	09-09-13
ADD NOTE FOR COPPER CONDUCTORS ONLY, UPDATED LOGO & TITLE BLOCK		A	226253	JC	TEF	12-08-09
REVISION DESCRIPTION		REV	ECN NO	BY	APP	DATE
FIELD CONNECTIONS	FTA1000 WITH FTA900, FTA950	DRAWING NUMBER FC1000-55				
FULL VOLTAGE FIRE PUMP CONTROLLER WITH POWER TRANSFER SWITCH		DWG REV	B	ECN NO	280404	SHEET 1 OF 2

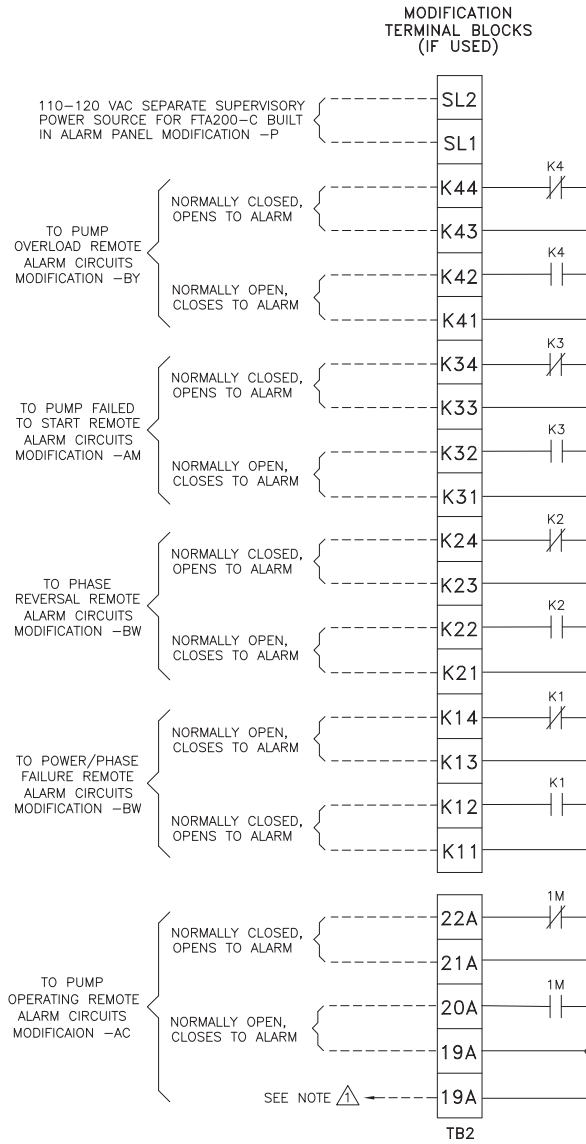
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Mark IIx6 Electric Fire Pump Controllers

Field Connections FTA1000/950

Across The Line Starting
W/ Power Transfer Switch



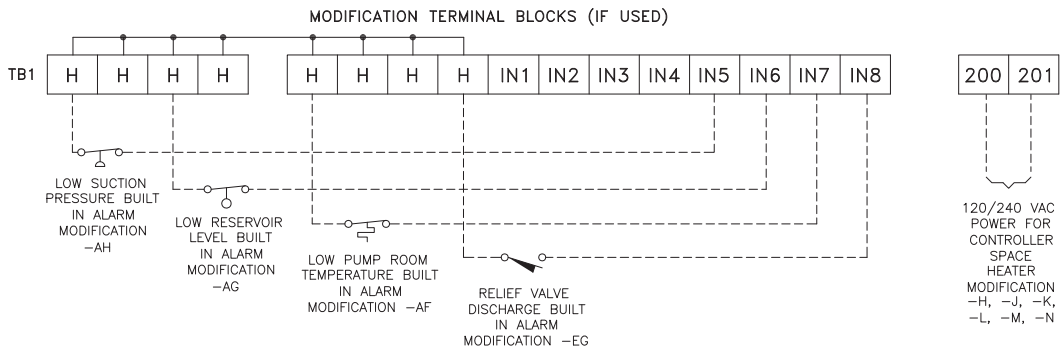
SPARE TERMINALS PROVIDED FOR PARALLEL CONNECTION OF REMOTE ALARMS (IF REQUIRED)

NOTE: TERMINALS FOR CUSTOMER CONNECTIONS REQUIRE 3.5MM SLOTTED SCREW DRIVER

TERMINAL TIGHTENING TORQUE		
TERMINAL TYPE	WIRE SIZE	TIGHTENING TORQUE
CONTROL AND ALARM TERMINALS	#14-12 AWG [2.5-4 MM ²]	5.6 lb-in [.6 Nm]

-NOTE-
ALARM CONTACT
RATING PILOT DUTY
250 VAC, 30 VDC
10 A. MAX. LOAD

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REVISION DESCRIPTION		REV	ECN NO	BY	APP	DATE
FIELD CONNECTIONS		FTA1000 WITH FTA900, FTA950		DRAWING NUMBER		
FULL VOLTAGE FIRE PUMP CONTROLLER WITH POWER TRANSFER SWITCH		FC1000-55				
DWG REV B		ECN NO 280404		SHEET 2 OF 2		

	SIZE A	BY	DATE
	DRAWN BY TEF	05-06-02	
	FINAL APPROVAL TEF	05-06-02	



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