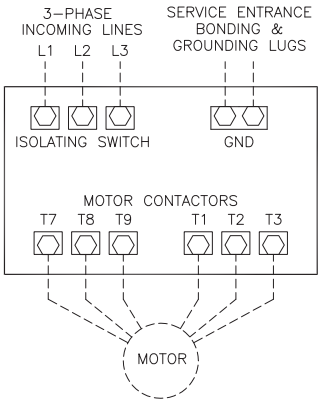
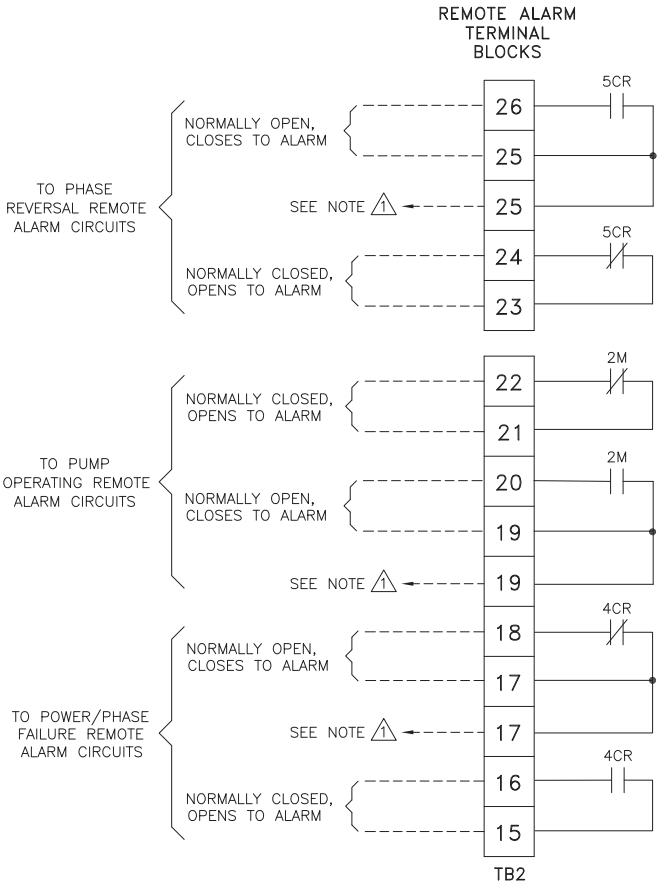
Field Connections
FTA1250
Part Winding Starting

Mark IIXG Electric Fire Pump Controllers





NOTES

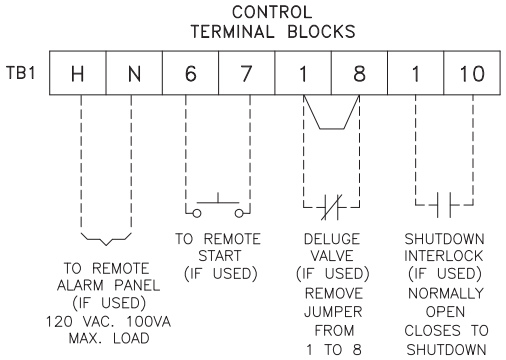
1– Incoming line terminals are provided to accommodate wire sizes at 125% of motor full load current per NFPA 70–2008, *National Electrical Code*, Table 430–250, Section 695.6(c), and Table 310–16, 75° rated Copper conductors.

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 FC1250–51

NOTE: USE COPPER CONDUCTORS ONLY FOR ALL CONNECTIONS



1 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

PRESSURE SYSTEM CONNECTION 1/2" FNPT

REV	REVISION DESCRIPTION	ECN NO	BY	APP	DATE
B	UPDATED TITLE BLOCK	280598	JMW	TEF	09-09-19
A	ADD NOTE FOR COPPER CONDUCTORS ONLY, UPDATED LOGO AND TITLE BLOCK	226253	JC	TEF	12-09-09

	SIZE	BY	DATE
THIRD ANGLE PROJECTION	A		
	DRAWN BY	TEF	04-25-02
	FINAL APPROVAL	TEF	04-25-02

Firetrol, Inc.

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FIELD CONNECTIONS | FTA1250

PART WINDING FIRE PUMP CONTROLLER

DRAWING NUMBER FC1250-50

DWG REV B | ECN NO 280598 | SHEET 1 OF 2

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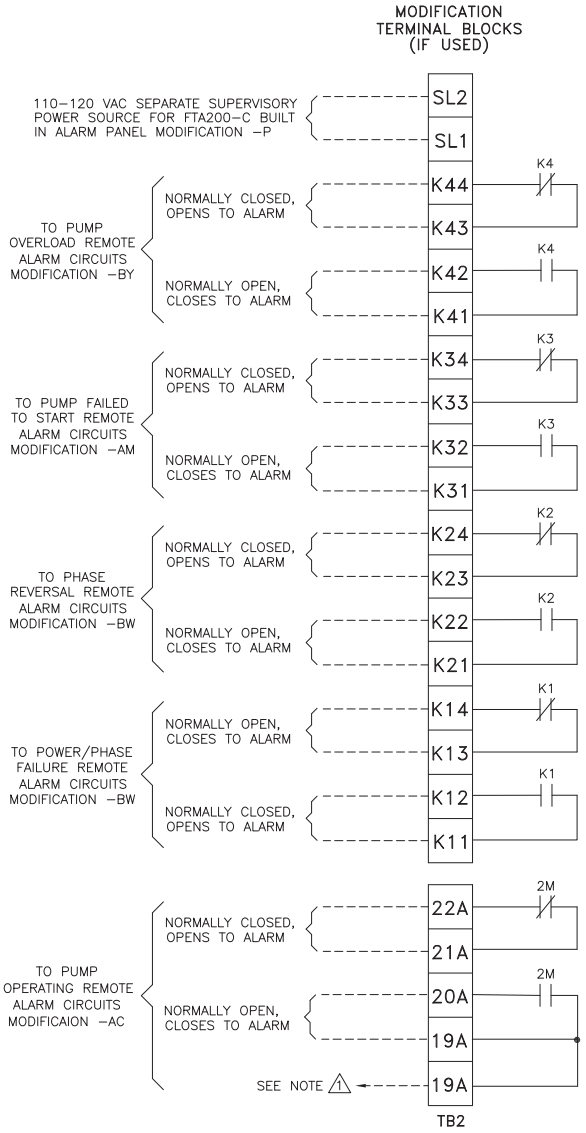
Field Connections
FTA1250
Part Winding Starting



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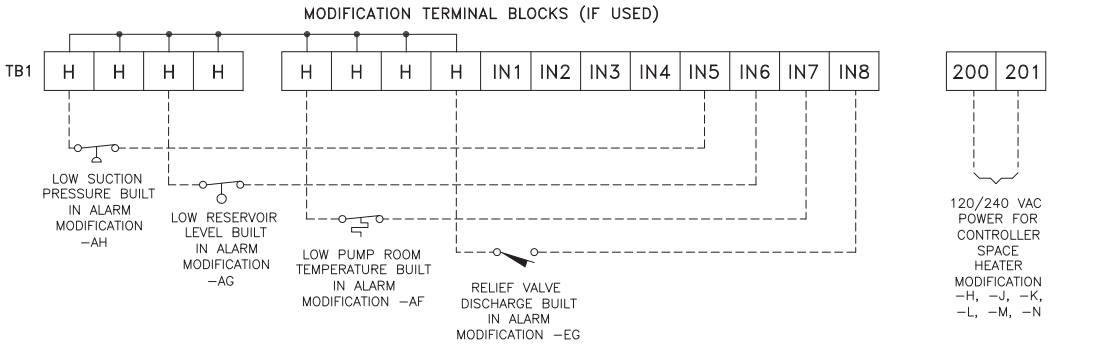
250 VAC, 30 VDC
10 A. MAX. LOAD

NOTE: USE COPPER CONDUCTORS ONLY FOR ALL CONNECTIONS



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FIELD CONNECTIONS | FTA1250

PART WINDING FIRE PUMP CONTROLLER

DRAWING NUMBER FC1250-50

DWG REV B | ECN NO 280598 | SHEET 2 OF 2

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