

**LINE TERMINALS - WIRE CAPACITY AND QUANTITY**

MAXIMUM MOTOR HORSEPOWER	WIRE SIZE PER PHASE (75°C Cu)	TIGHTENING TORQUE (ft-lb)
200-208	(1) #14-#5/0 AWG	50
30	(1) #4-#350 kcmil AWG	180
75	(1) #500-#750 kcmil AWG	550
125	(1) #250-#500 kcmil AWG	375
150	(2) #3/0-#350 kcmil AWG	275
250	(2) #400-#500 kcmil AWG	275
300	(3) #3/0-#400 kcmil AWG	375
400	(3) #500 kcmil AWG	500
500	(4) #4/0-#500 kcmil AWG	375

**MOTOR TERMINALS - WIRE CAPACITY AND QUANTITY**

MAXIMUM MOTOR HORSEPOWER	WIRE SIZE PER PHASE (75°C Cu)	TIGHTENING TORQUE (ft-lb)
200-208	(2) #14-#4 AWG	31
25	(2) #14-#1 AWG	52
60	(1) #6-#250 kcmil AWG	110
125	(2) #4-#600 kcmil AWG	220
250	(2) #2/0-#600 kcmil AWG	220

WIRE SIZE SERVICE ENTRANCE GROUND LUG	WIRE SIZE PER PHASE (75°C Cu)	TIGHTENING TORQUE (ft-lb)
(2) #6-#350 kcmil AWG	(2) #14-#4 AWG	31
wire size torque (in-lb)		
#6-#4		110
#3-#1		150
#1/0-#2/0		180
#3/0-#4/0		250
#250-#350 kcmil		325

**NOTES**

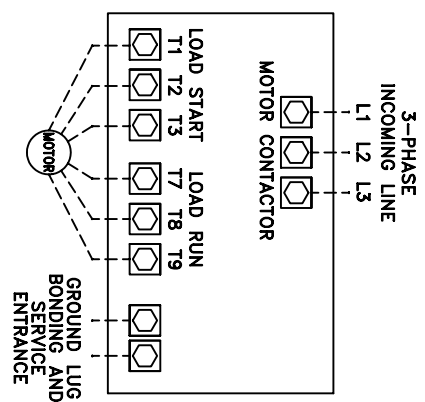
- Incoming line terminals are provided to accommodate wire sizes of 125% of motor full load current per NFPA 70 and NFPA 70, Copper (Cu) wire is required.
- Controller is phase rotation sensitive. Incoming lines L1, L2 and L3 must be in ABC, right hand rotation sequence for proper operation of the phase monitor.
- Motor connections shown are typical. Since motor connections vary widely, refer to the motor manufacturer's connection diagram for specific wiring arrangement.

- [1] For correct field wire sizing, refer to the National Electrical Code, NFPA-70.
- [2] When required by the authority having jurisdiction.

**PRESSURE SYSTEM CONNECTION**  
1/4" NPT

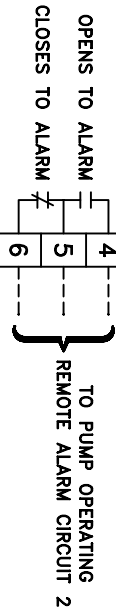
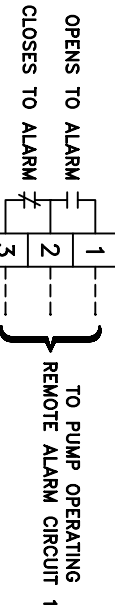
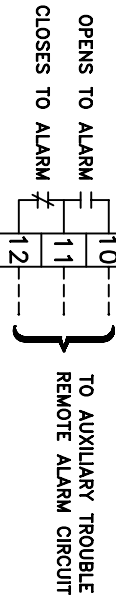
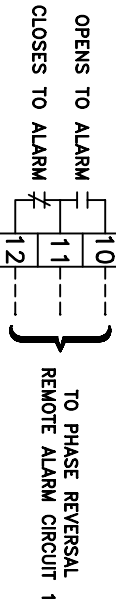
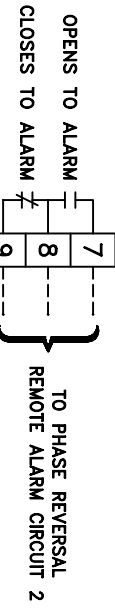
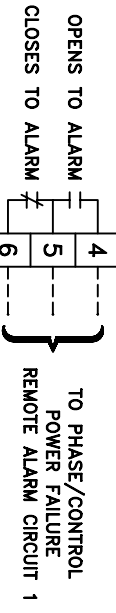
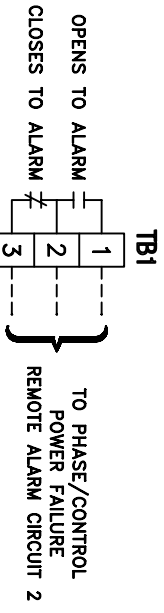
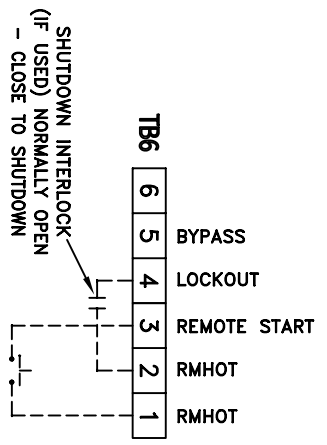
**NOTE: CONTACTS RATED FOR PILOT DUTY ONLY**  
240 VAC, 8A MAXIMUM LOAD.  
EXTERNAL CONTROL WIRE #14 AWG MINIMUM RECOMMENDED.

Rev.	DATE	BY	DESCRIPTION
A			
B			
C			
D			
E			



**CONTROL AND ALARM TERMINAL BLOCKS**

1. CONTACTS SHOWN IN NO POWER CONDITION, PUMP OFF.  
2. FOR FIRE PUMP CONTROLLER SCHEMATIC DIAGRAM, SEE DWG. NO. Z7DS0011.



**STANDARD LXI-2700 FIELD CONNECTIONS**  
PART WINDING STARTER  
FULL SERVICE FPC/ATS COMBO

M/L NO.	DATE 12/04/03	DR. TR	CK. DAMA APPR.
MOTION:			
REF.			
CADD NO. 27DF0011			
Hubbell Industrial Controls, Inc.			
4301 Cheyenne Drive, Archdale, N.C. 27263			
DRG. NO. A-27DF0011			
1 OF 1			