

LINE TERMINALS - WIRE CAPACITY AND QUANTITY

MAXIMUM MOTOR HORSEPOWER	WIRE SIZE PER PHASE (75°C Cu)		TIGHTENING TORQUE (ft-lb)
	(1) #14-#3/0 AWG	(2) #4-#500 kcmil AWG	
200-240	390-415	440-480	50
30	40	60	180
75	125	150	550
125	200	250	375
150	300	400	275
250	400	500	375
-	-	-	500

MOTOR TERMINALS - WIRE CAPACITY AND QUANTITY

MAXIMUM MOTOR HORSEPOWER	WIRE SIZE PER PHASE (75°C Cu)		TIGHTENING TORQUE (ft-lb)
	(2) #14-#4 AWG	(1) #6-#250 kcmil AWG	
200-240	390-415	440-480	50
30	50	60	31
60	100	125	52
125	150	200	110
250	250	350	220

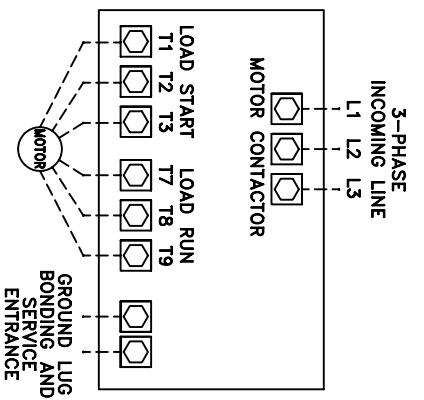
WIRE SIZE SERVICE ENTRANCE GROUND LUG	WIRE SIZE PER PHASE (75°C Cu)	TIGHTENING TORQUE (ft-lb)
(2) #6-#350 kcmil AWG	(2) #14-#4 AWG	31
#6-#4 torque (ft-lb)	(2) #14-#1 AWG	52
#3-#1	#14-#2/0	110
#1/0-#2/0	#3/0-#4/0	250
#3/0-#4/0	#250-#350 kcmil	325

- NOTES**
- Incoming line terminals are provided to accommodate wire sizes at 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.

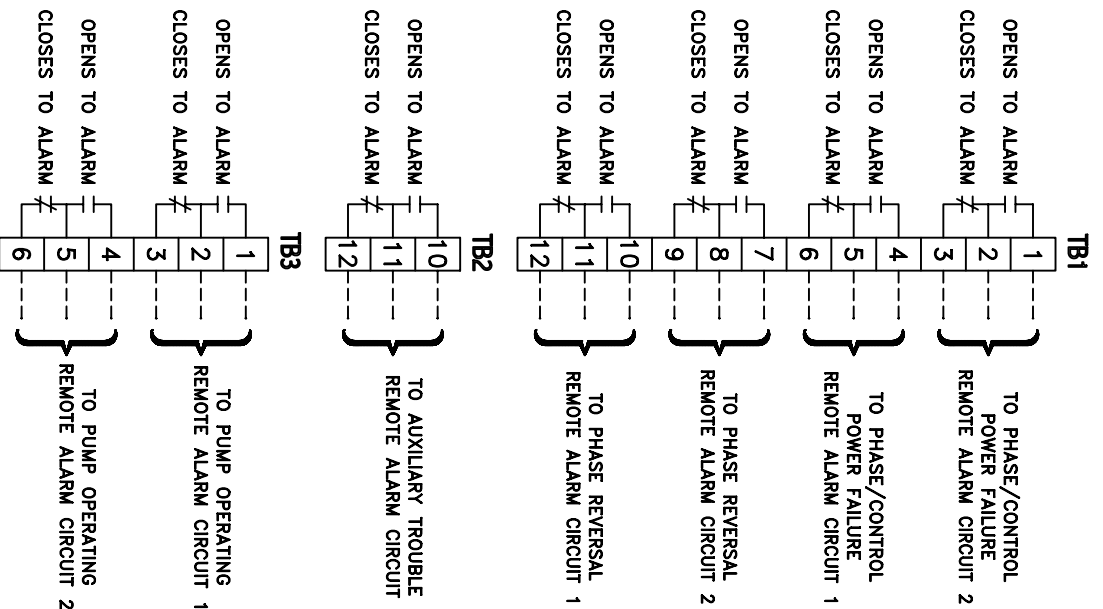
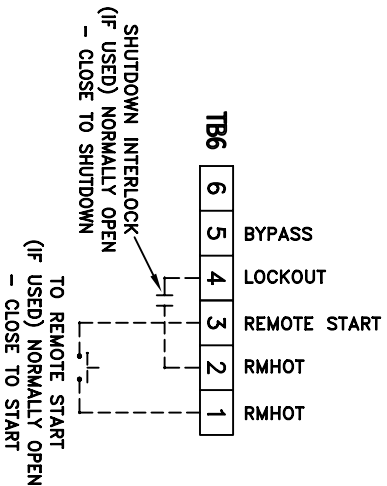
- For correct field wire sizing, refer to the National Electrical Code, NFPA-70.
- When required by the authority having jurisdiction.

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

Rev.	DATE	BY	DESCRIPTION
E			
D			
C			
B			
A			



- CONTROL AND ALARM TERMINAL BLOCKS**
- CONTACTS SHOWN IN NO POWER CONDITION, PUMP OFF.
 - FOR FIRE PUMP CONTROLLER SCHEMATIC DIAGRAM, SEE DWG. NO. 17DS0011.



M/L NO.
MOTION:
REF.

STANDARD LXI-1700 FIELD CONNECTIONS
PART WINDING STARTER
FULL SERVICE FIRE PUMP CONTROLLER

CADD NO. 17DF0011

DATE 12/04/03

DR. TR

CK. DAMA APPR.



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DRG. NO. A-17DF0011
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