

LINE TERMINALS - WIRE CAPACITY AND QUANTITY (60/75 °C CU) 1

MAXIMUM MOTOR HORSEPOWER		WIRE SIZE PER PHASE		TIGHTENING TORQUE (in-lb)	
200-220	380-440-550	100-200K AIC		wire size	torque
208	240 415 480 600	#12-#10	35	#8-#3	100
40	50 75 100 125	(1)#12AWG-#3/OAWG	#12-#10	#8-#3	150
75	75 150 150 200	(1)#8AWG-350 kcmil	#8-#4	#8-#1	200
200	200 350 400 400	(2)#2/OAWG-400 kcmil* or (1)#6AWG-600 kcmil*	#8-#3	#8-#3	275
				#2-600	375

MOTOR TERMINALS-WIRE CAPACITY AND QUANTITY (60/75 °C CU) 1

MAXIMUM MOTOR HORSEPOWER		WIRE SIZE PER PHASE		TIGHTENING TORQUE (in-lb)	
200-220	380-440-550	100-200K AIC		wire size	torque
208	240 415 480 600	(1)#10AWG-#1/OAWG	150	#8-#3	100
25	30 50 60 75	(1)#8AWG-#3/OAWG *	200	#8-#1	150
60	60 125 150 150	(1)#10AWG-#1/OAWG	150	#8-#3	200
75	100 150 200 250	(1)#8AWG-350 kcmil*	300	#8-#1	275
150	150 300 400 400	(2)#2/OAWG-500 kcmil*	375	#2-600	375

1 For correct field wire sizing, refer to the National Electrical Code, NFPA-70.
* Denotes 75 °C wire only.

2 When required by the authority having jurisdiction.

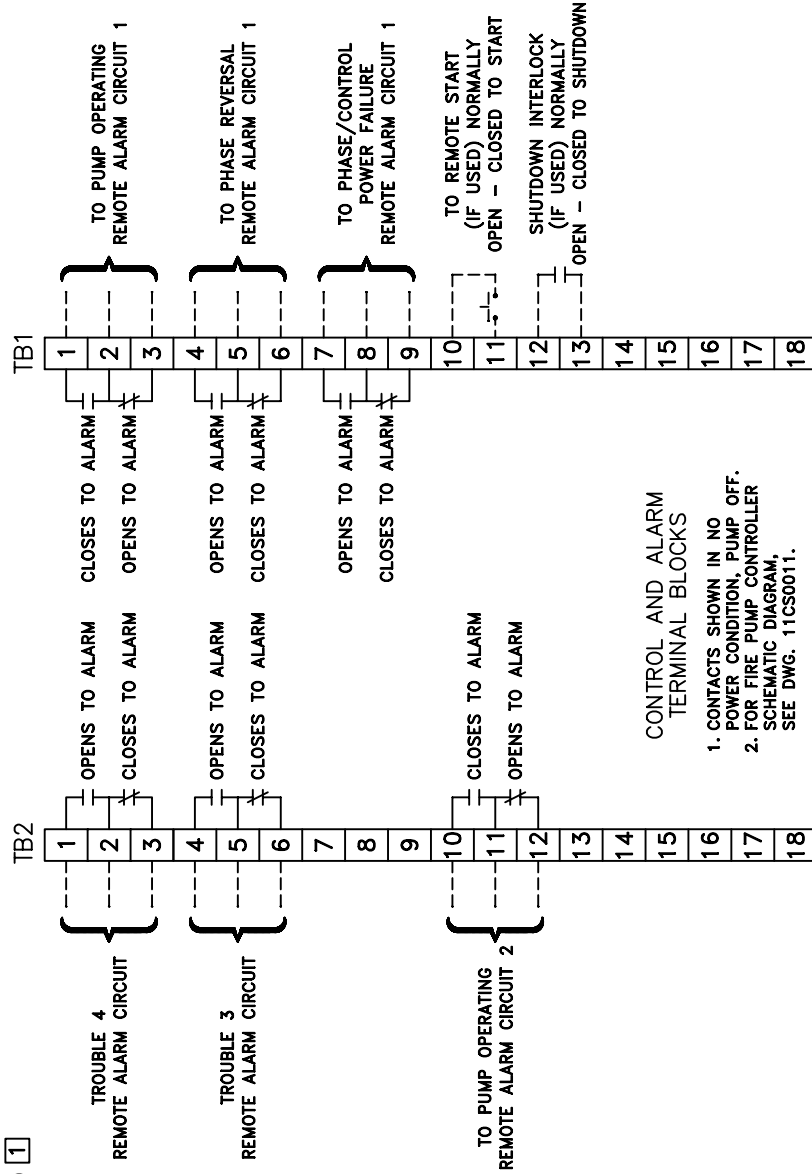
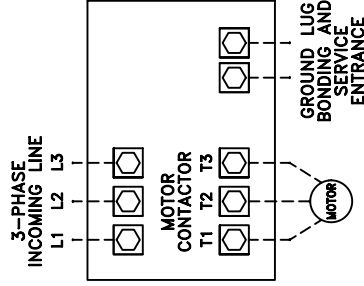
NOTES

- Incoming line terminals are provided to accommodate wire sizes at 125% of motor full load current per NFPA 70, Article 6-3.4, and NFPA 70 Tables 430-150 and 310-16. Copper (CU) wire is recommended.
- 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.

WIRE SIZE	2
SERVICE ENTRANCE GROUND LUG	
(2)#6AWG-350 kcmil	
wire size	torque (in-lb)
#6 -#4	110
#3 -#1	150
1/0-2/0	180
3/0-4/0	250
250 to 350 kcmil	325

PRESSURE SYSTEM CONNECTION 1/4" NPT

NOTE: CONTACTS RATED FOR PILOT DUTY ONLY. 240 VAC, 5A MAXIMUM LOAD. EXTERNAL CONTROL WIRE #14 AWG MINIMUM RECOMMENDED.



CONTROL AND ALARM TERMINAL BLOCKS

- CONTACTS SHOWN IN NO POWER CONDITION, PUMP OFF.
- FOR FIRE PUMP CONTROLLER SCHEMATIC DIAGRAM, SEE DWG. 11CS0011.



STANDARD LXi-1100 FIELD CONNECTIONS
SOLID STATE SOFT START/STOP
FULL SERVICE FIRE PUMP CONTROLLER

E	M/L NO.	DATE	BY	DESCRIPTION
D				
C	11/10/05	DAMA	UPDATED DWG. PER ECR #A05-00035.	
B	09/18/04	TR	UPDATED TB2 CONNECTIONS.	
A	10/26/02	DAMA	ADDED TB2 AND J105 CONNECTIONS.	
Rev.	DATE	BY		DESCRIPTION

DATE 08/02/02 DR. TR

CADD NO. 11CF0011

DATE 08/02/02 DR. TR

CK: DAMA APPR.



Hubbell Industrial Controls, Inc.
4301 Cheyenne Drive, Archdale, N.C. 27283