

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	wire size	torque	wire size	torque
208	240 415 480 600		#12-AWG-#3/OAWG	35	#8-#3	100	#2-3/0	150
40	50 75 100 125		(1)#12-AWG-#3/OAWG	150	#8-#4	200	1/0-350	275
75	75 150 150 200		(1)#8-AWG-350 kcmil*					
200	200 350 400 400		(2)#2/OAWG-400 kcmil* or (1)#6-AWG-600 kcmil*					

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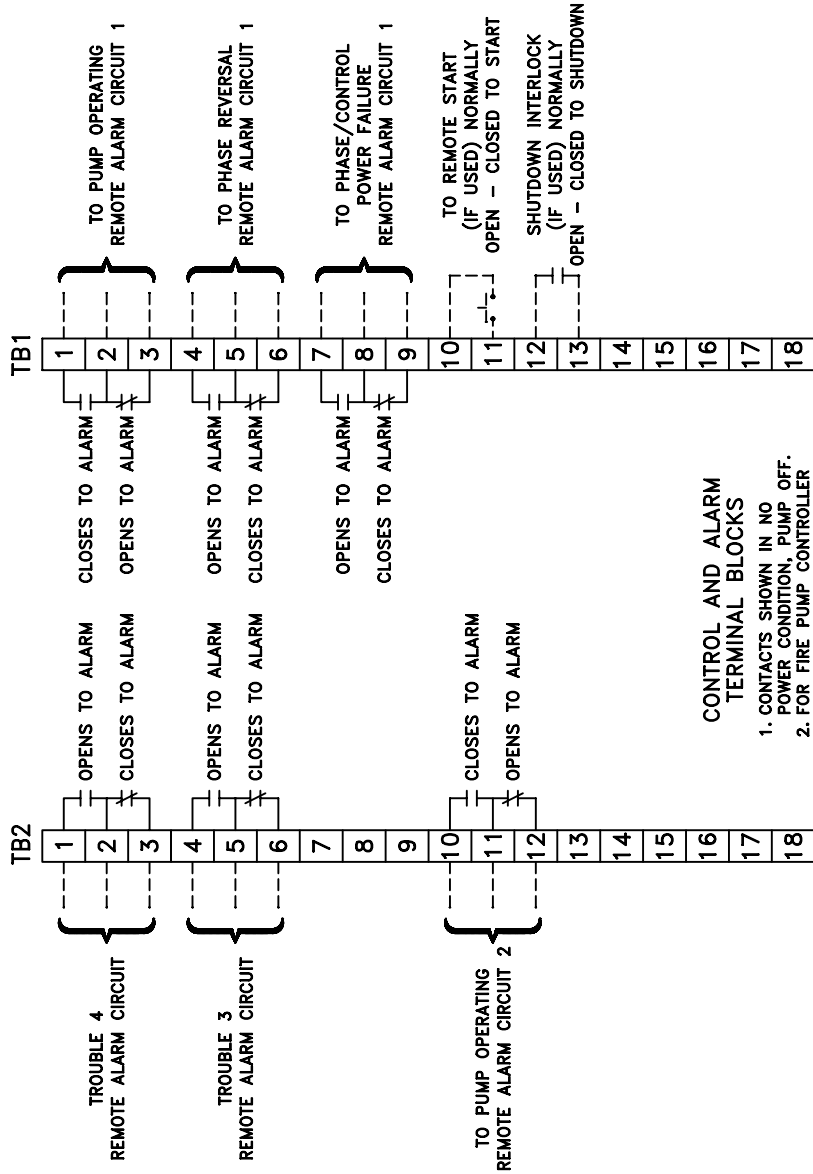
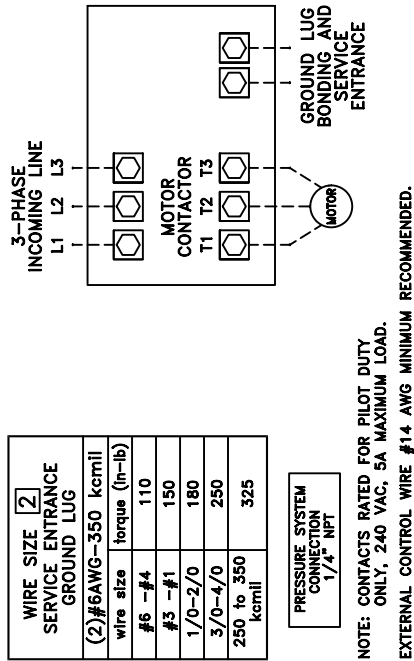
MAXIMUM MOTOR HORSEPOWER		WIRE SIZE PER PHASE		TIGHTENING TORQUE (in-lb)	
200-	220-380-440-550-	(1)#10-AWG-#1/OAWG	150		
208	240 415 480 600	(1)#8-AWG-#3/OAWG *	200		
25	30 50 60 75	(1)#1/OAWG-500 kcmil*	300		
60	60 125 150 150	(2)#2/OAWG-500 kcmil*	375		
75	100 150 200 250				
150	150 300 400 400				

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.



CONTROL AND ALARM TERMINAL BLOCKS

- CONTACTS SHOWN IN NO POWER CONDITION, PUMP OFF. FOR FIRE PUMP CONTROLLER.
- SCHEMATIC DIAGRAM, SEE DWG. 21CS0011.
- FOR LX-450 ATS FIELD CONNECTIONS, SEE DWG. 45CF0011.

STANDARD LXi-2100 FIELD CONNECTIONS  
SOLID STATE SOFT START/STOP  
FULL SERVICE FPC/ATS COMBO

M/L NO.  
MOTION:  
REF.

CADD NO. 21CF0011 DATE 08/28/02 DR. TR CK. DAMA APPR.



Hubbell Industrial Controls, Inc.  
4301 Cheyenne Drive, Archdale, N.C. 27263

DRG. NO. A-21CF0011  
1 OF 1

Rev.	DATE	BY	DESCRIPTION
A	10/26/02	DAMA	ADDED TB2 AND J105 CONNECTIONS.
B	09/23/04	TR	UPDATED TB2 CONNECTIONS.
C	11/10/05	DAMA	UPDATED DWG. PER ECR #A05-00035.