

LINE TERMINALS - WIRE CAPACITY AND QUANTITY ¹

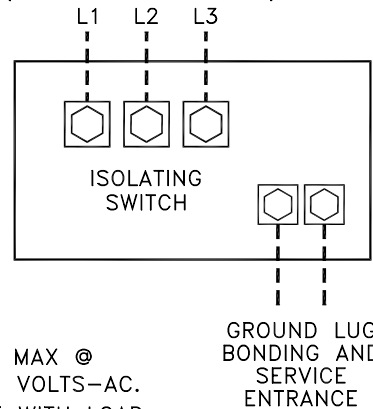
MAXIMUM MOTOR HORSEPOWER				WIRE SIZE PER PHASE (75°C Cu)	TIGHTENING TORQUE (in-lb)
200-208	220-240	380-415	440-480		
30	40	60	75	(1)#14-#3/0 AWG	50
75	75	125	150	(1)#4-#350 kcmil AWG	180
100	100	150	200	(1)#250-#500 kcmil AWG	550
125	125	200	250	(2)#3/0-#250 kcmil AWG	375
150	150	250	300	(2)#3/0-#350 kcmil AWG	275
-	200	300	400	(2)#400-#500 kcmil AWG	375
250	250	400	500	(3)#3/0-#400 kcmil AWG	375
-	-	500	-	(4)#4/0-#500 kcmil AWG	375

¹ For correct field wire sizing, refer to the National Electrical Code, NFPA-70.

² When required by the authority having jurisdiction.

WIRE SIZE ²	
SERVICE ENTRANCE GROUND LUG	
(2)#6-#350 kcmil AWG	
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

3-PHASE INCOMING LINE (EMERGENCY SOURCE)



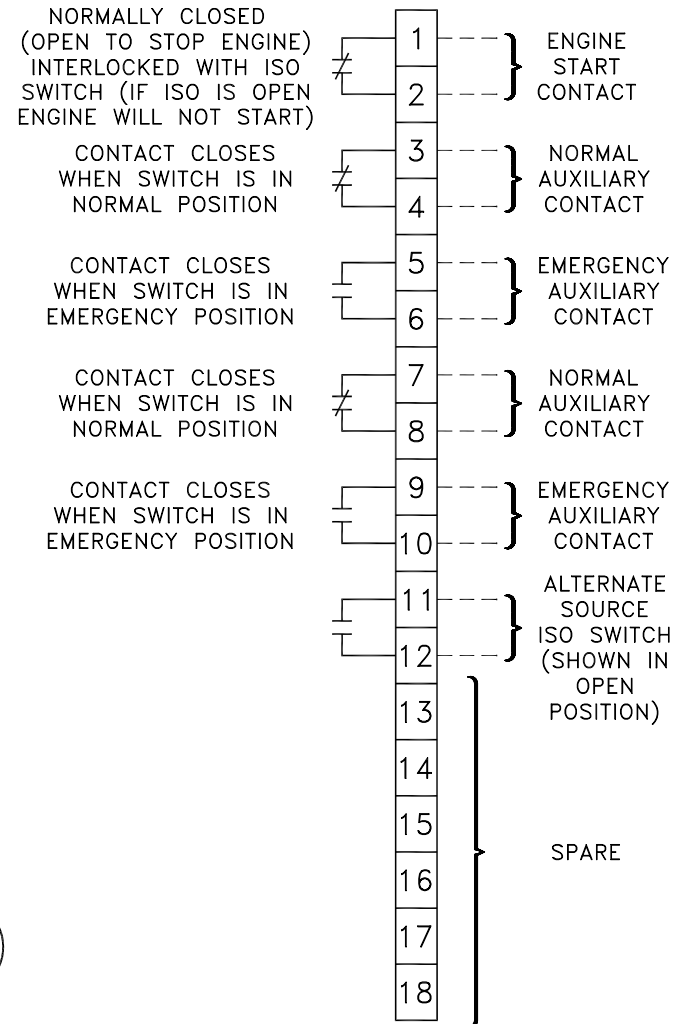
NOTES:

- AUXILIARY CONTACTS ARE RATED 2 AMPS MAX @ 480 VOLTS-AC OR 10 AMPS MAX @ 240 VOLTS-AC.
- CONTACTS SHOWN IN "NO POWER" STATE WITH LOAD CONNECTED TO NORMAL SOURCE (NORMAL POSITION).
- FOR LX-450 TRANSFER SWITCH SCHEMATIC DIAGRAM, REFERENCE DWG. 45DS0011.



CONTROL AND ALARM TERMINAL BLOCKS

PTB1



E			M/L NO.	FIELD CONNECTIONS			
D			MOTION:	LX-450 AUTOMATIC TRANSFER SWITCH			
C			REF.	FOR USE IN COMBINATION WITH FIRE PUMP CONTROLLER			
B			CADD NO. 45DF0011	DATE 10/15/03	DR. TR	CK. DAMA	APPR.
A	04/09/08	DAMA	UPDATED LINE TERMINALS TABLE.	DRG. NO.		A-45DF0011	
Rev.	DATE	BY	DESCRIPTION	1 OF 1		A-45DF0011	



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