

Field Connections

Non-Automatic & Automatic Transfer Switch 100 Amps Through 1250 Amps

LX440/450

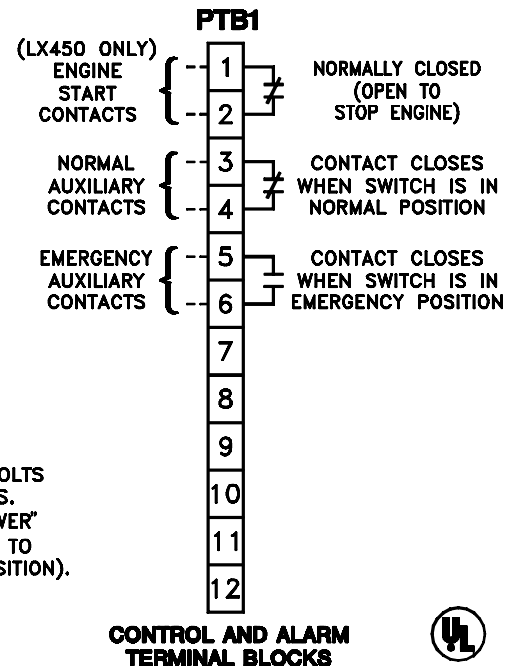
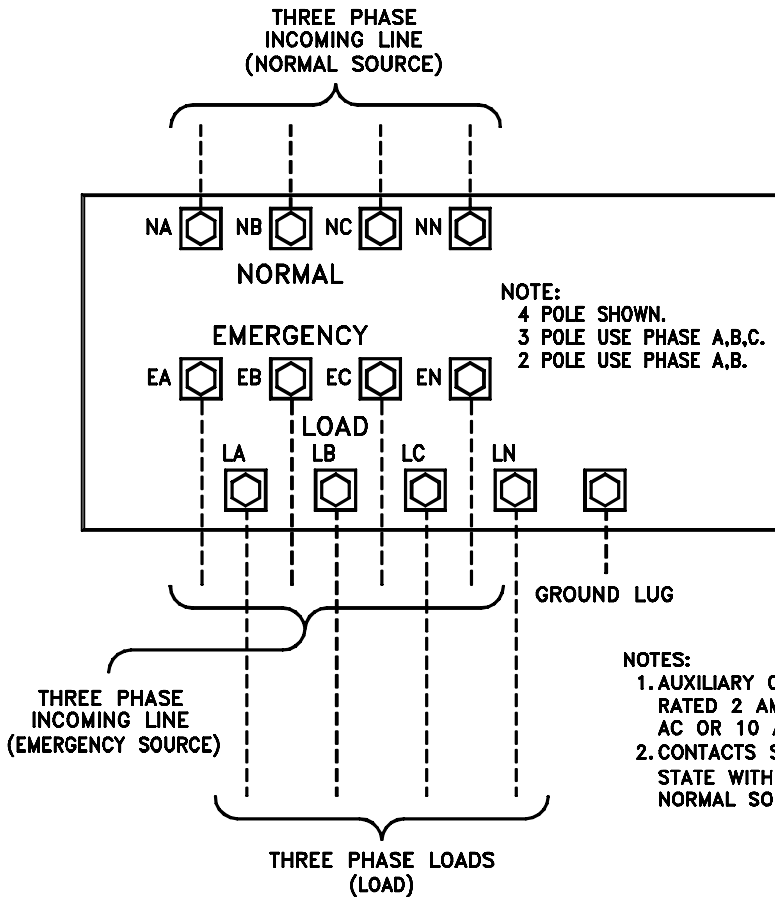
POWER TERMINALS 1
USE COPPER OR ALUMINUM WIRE, 75°C

AMPS	WIRE SIZE PER PHASE	TIGHTENING TORQUE (in.-lb.)											
		wire size	torque	wire size	torque	wire size	torque	wire size	torque	wire size	torque	wire size	torque
100	#14 - #1/0 AWG	#14-#10	35	#8	40	#6-#4	45	#2-#1	50	#1/0	50		
200	#6 - #250 MCM AWG	#6-#4	110	#2-#1	150	#1/0-#2/0	180	#3/0-#4/0	250	250 MCM	325		
260	#6 - #350 MCM AWG	#6-#4	110	#2-#1	150	#1/0-#2/0	180	#3/0-#4/0	250	250-350 MCM	325		
400	#4 - #600 MCM AWG (2) #4 - #250 MCM AWG	#4	110	#2-#1	150	#1/0-#2/0	180	#3/0-#4/0	250	250-350 MCM	325	500-600 MCM	375
600	(2) #2 - #600 MCM AWG	#2-#1	150	#1/0-#2/0	180	#3/0-#4/0	250	250-350 MCM	325	500-600 MCM	375		
800	(3) #2 - #600 MCM AWG	#2-#1	150	#1/0-#2/0	180	#3/0-#4/0	250	250-350 MCM	325	500-600 MCM	375		
1000	(4) #2 - #600 MCM AWG	#2-#1	150	#1/0-#2/0	180	#3/0-#4/0	250	250-350 MCM	325	500-600 MCM	375		
1250													

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

WIRE SIZE RECOMMENDED FOR GROUND LUG

AMPS	WIRE SIZE	TIGHTENING TORQUE
100	#6 - #4 AWG	45 in.-lb.
200	#4 - #2 AWG	110 in.-lb.
260	#1/0 - #3/0 AWG	250 in.-lb.
400	#1/0 - #3/0 AWG	250 in.-lb.
600	#2/0 - #4/0 AWG	250 in.-lb.
800	#2/0 - #4/0 AWG	250 in.-lb.
1000	#3/0 - 250 MCM AWG	325 in.-lb.
1250		



HUBBELL / INDUSTRIAL CONTROLS, INC.
 4301 Cheyenne Dr.
 Archdale, NC. 27263
 Phone: (336) 434-2800 Fax: (336) 434-2803

DATE	REV.
07/12/2001	-
DRAWING NUMBER:	
45AG0011	