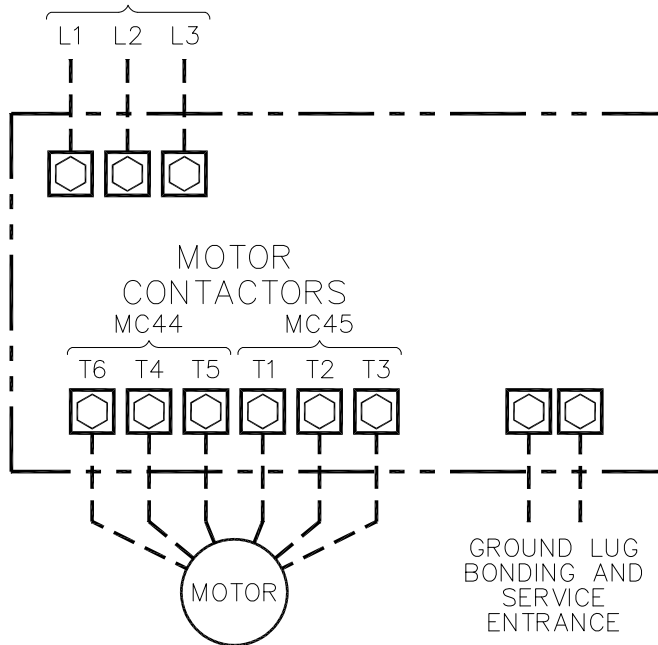


3-PHASE  
INCOMING LINE  
(NORMAL SOURCE)



WIRE SIZE SERVICE ENTRANCE GROUND LUG	
MAXIMUM WIRE SIZE	TIGHTENING TORQUE (in-lb)
#6 AWG	45
#1/0 AWG	50
#250MCM AWG	325

PRESSURE SYSTEM  
CONNECTION  
1/2" NPT

\* LINE TERMINALS – WIRE CAPACITY AND QUANTITY

MAXIMUM MOTOR HORSEPOWER					WIRE SIZE PER PHASE (75°C Cu)	TIGHTENING TORQUE (in-lb)
200–208V	220–240V	380–415V	440–480V	550–600V		
5–40	5–40	5–75	5–75	5–100	(1)#8–#3/0 AWG	120
50–60	50–60	100	100–150	125–150	(1)#3/0–#350MCM AWG	375
75–125	100–125	150–200	200–250	250–350	(2)#3/0–#250MCM AWG	325
150	150–200	250–300	300–400	400–500	(2)#3/0–#350MCM AWG	375
200–250	250	350–400	500	600–700	(3)#3/0–#400MCM AWG	375
300	300	500–700	600–700	–	(4)#4/0–(3)#500MCM AWG	500

\* MOTOR TERMINALS – WIRE CAPACITY AND QUANTITY

MAXIMUM MOTOR HORSEPOWER					WIRE SIZE PER PHASE (75°C Cu)	TIGHTENING TORQUE (in-lb)
200–208V	220–240V	380–415V	440–480V	550–600V		
5–60	5–60	5–100	5–150	5–150	(1)#8–#1/0 AWG	100
75	100	150	200	250	(1)#1–#2/0 AWG	120
100–250	125–250	200–400	250–500	300–700	(1)#2/0–#500 AWG	500
300	300	500–600	600–700	–	(2)#3/0–#250MCM AWG	325
–	–	700	–	–	(2)#300MCM–#400MCM AWG	375

NOTES:

- \* 1.) FOR CORRECT FIELD WIRE SIZING, REFER TO THE NATIONAL ELECTRICAL CODE, NFPA-70.  
 2.) MOTOR CONNECTIONS SHOWN ARE TYPICAL. SINCE MOTOR CONNECTIONS VARY WIDELY, REFER TO THE MOTOR MANUFACTURER'S CONNECTION DIAGRAM FOR SPECIFIC WIRING ARRANGEMENT.



REV	DATE	BY	DESCRIPTION	DRAWN	DAMA	11-18-15
A	05/15/17	DAMA	CHANGED BOARD PART NOS.; ELIMINATED POWER COMMS HUB.	CHECK DAMA	11-18-15	
				APPD		
FIELD CONNECTIONS, MODEL MPT435 WYE-DELTA CLOSED TRANSITION START ELECTRIC FIRE PUMP CONTROLLER						
<div> <b>METRON</b>            A Division of            Hubbell Industrial Controls, Inc.            4301 Cheyenne Drive, Archdale, NC 27263 USA         </div>						
OPTIONS:						
HCMPTF435						
SCALE NTS						SHEET 2 OF 2