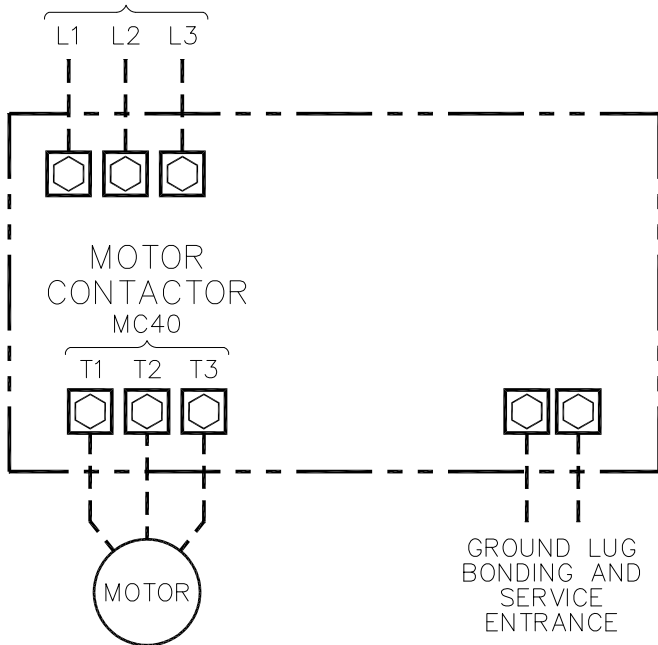


3-PHASE
INCOMING LINE
(NORMAL SOURCE)



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	50-75	100	100-150	125-150	(1)#3/0-#350MCM AWG	375
75-100	100-125	150-200	200-250	250-350	(2)#3/0-#350MCM AWG	375
125-150	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	-	600	-	(4)#4/0-#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		
5-30	5-40	5-60	5-75	5-100	(1)#8-#1/0 AWG	100
40-60	50-75	75-100	100-150	125-150	(1)#6-#2/0 AWG	120
75-100	100-125	150-250	200-250	250-300	(1)#4/0-#350MCM AWG	375
125-150	150-200	300	300-400	350-500	(2)#3/0-(1)#500MCM AWG	500
200-250	250-300	350-400	500-600	600-700	(2)#250MCM-#500MCM AWG	500

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	APPD	11-18-15

FIELD CONNECTIONS, MODEL MPT400
PRIMARY RESISTANCE START
ELECTRIC FIRE PUMP CONTROLLER

METRON
A Division of
Hubbell Industrial Controls, Inc.
4301 Cheyenne Drive, Archdale, NC 27263 USA

OPTIONS:
HCMPTF400

SCALE NTS SHEET 2 OF 2