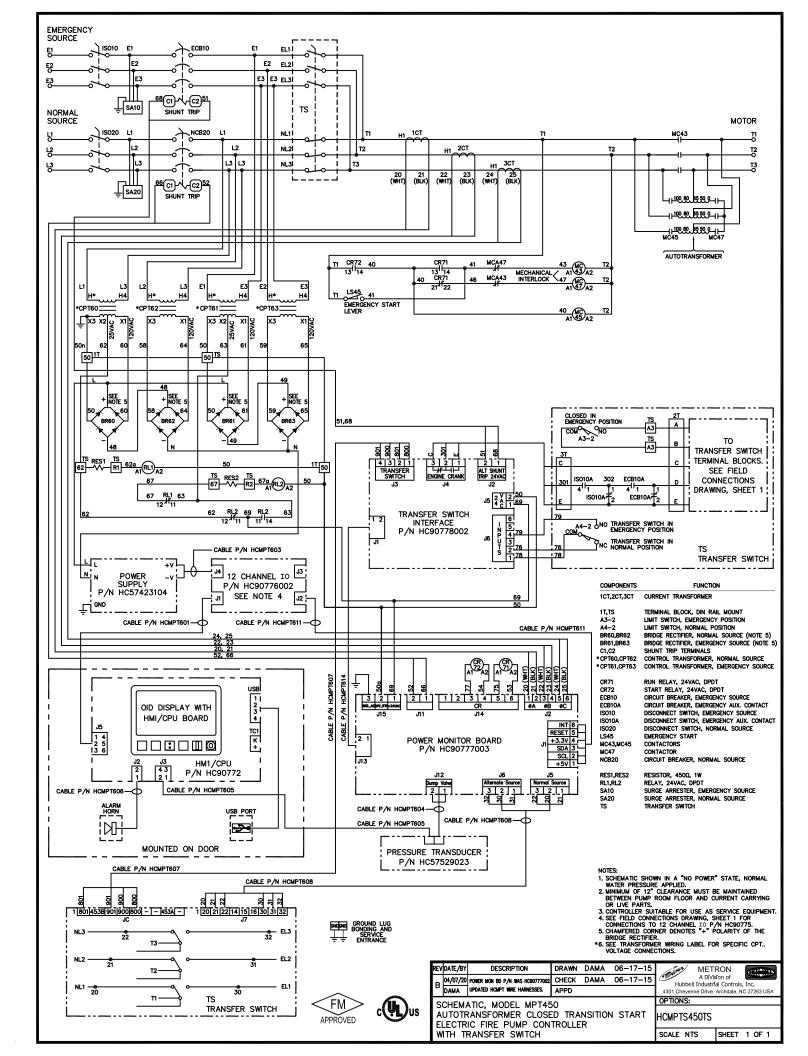
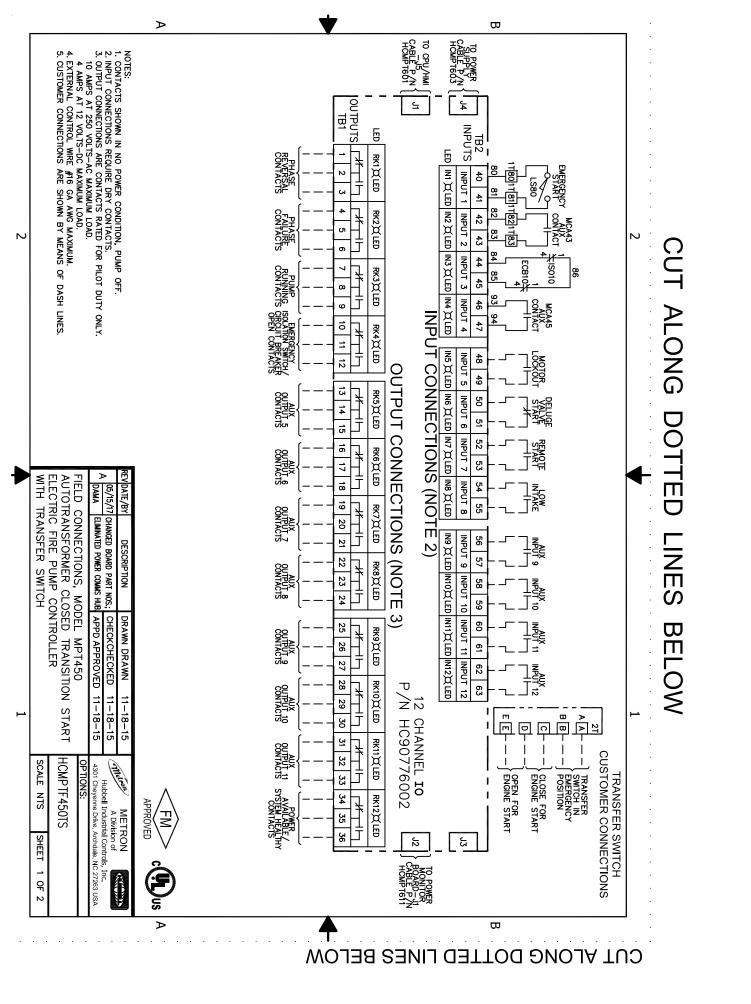
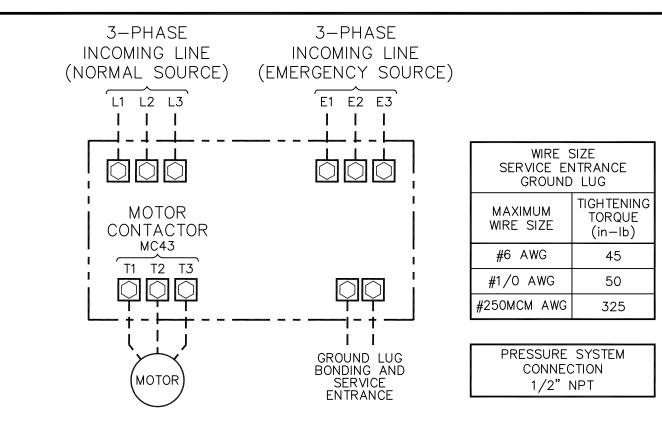


			ENCLOSURE 1	RE TYPES		TABLE FOR "X" DIM. FOR MPT400TS RESISTOR CAB.			STOR CAB.			
	1		TYPE 3R CRS (STD)	SHOWN		VO	LTAGES	HP - SM, "X"	=10"	HP -	MED, "X"=16'	' HP - LRG, "X"=22"
VOLTAGES	HORSEPOWERS		TYPE 4 CRS					,			•	
	MPT400TS	MPT450TS	TYPE 4X CRS				208V	5-50			60-75	NA
208V	5-40	5-20	TYPE 304 SS (PAINTED)			220-240V		5-50			60-75	N/A
230-240V	5-50	5-25	TYPE 304 SS UNPA	INTED		380-415V		5-50			60-100	125
380-415V	5-75	5-30	TYPE 316 SS PAINTED			44	0-480V	5-50		60-100		125-150
440-480V	5-100	5-30	TYPE 316 SS UNPA	INTED		SELECTION TABLE (CHOOSE						
NOTES: • ENCLOSURE MADE FROM 14GA. STEEL WITH RED POLYESTER POWDER FINISH.							SELECTION TABLE (
							CONTR	OLLER TYPE	HF	>	VOLTAGE	ENCLOSURE TYPE
• ENTER CABLE(S) FROM TOP OR BOTTOM (PREFERRED)							MP	T400TS				
• PROTECT INTERNAL EQUIPMENT FROM DRILLING CHIPS							MP	T450TS				
 DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE. ALWAYS CONSULT FACTORY TO CONFIRM CURRENT INFORMATION. 					CONTROLLER WITH MTS							
				(METRON TRANSFER SWITCH)					RATING:			
	• TYPE 3R SHOWN.				DATE: 1/2017 DRAWN BY: S. JUDD				REV. N/A			
ALL DIMENSIONS IN INCHES. ALL DMENSIONS ARE SAME FOR 3R, 4/12 AND							METRON				DRAWING NO.	
4X ENCLOSURE TYPES. • POWER AVAILABLE AND PUMP RUNNING LIGHTS ARE STANDARD				Division of - Hubbell ICD 4301 Cheyenne Drive Archdale, I						33990		
	4		3	-	4			2			-	1
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* LINE TERMINALS - WIRE CAPACITY AND QUANTITY

	MAXIMUM	MOTOR HO	RSEPOWER	WIRE SIZE PER PHASE		
200-208V	220-240V	380-415V	440-480V	550-600V	(75°C Cu)	TORQUE (in—lb)
5-40	5-40	5–75	5–100	_	(1)#8-#3/0 AWG	120
50-75	50-75	100–125	125–150	_	(1)#3/0-#350MCM AWG	225
100–125	100-125	150-200	200-250	_	(1)#2/0-#500MCM AWG	375
					(2)#3/0-#250MCM AWG	275
150	150-200	250-300	300-400	_	(2)#3/0-#350MCM AWG	275
200-250	250	350	450-500	_	(3)#3/0-#400MCM AWG	375
_	_	_	_	_	_	_

* MOTOR TERMINALS - WIRE CAPACITY AND QUANTITY

	MAXIMUM	MOTOR HOP	RSEPOWER	WIRE SIZE PER PHASE	TIGHTENING TORQUE	
200-208V	220-240V	380-415V	440-480V	550-600V		(in-lb)
5-20	5-20	5-30	5-30	_	(1)#8-#4 AWG	120
25-75	25-75	40-125	40–150	_	(1)#6-#300MCM AWG	275
100-125	100–125	150-200	200–250	—	(1)#350MCM-#500MCM AWG	375
150	150-200	250-300	300-400	_	(2)#4/0-300MCM AWG	275
200-250	250	350-400	500	_	(3)#250MCM-#350MCM AWG	275

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		RON COMPANY	3
с		updated wire capacity and	CHECK DAMA	11-18-15	Hubbell Industrial Controls, Inc.		
v	DAMA	WIRE SIZE TABLES.	APPD			, Archdale, NC 27263 USA	
F		ONNECTIONS, MODE	OPTIONS:				
A	UTOTR	ANSFORMER CLOSE	HCMPTF450TS				
W	ITH TF	RANSFER SWITCH			SCALE NTS	SHEET 2 OF 2	