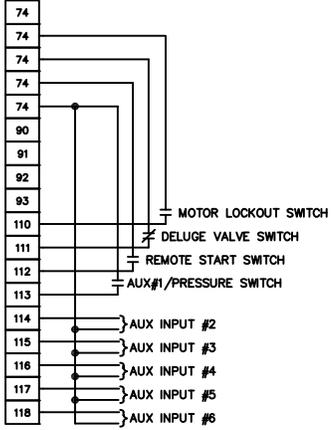
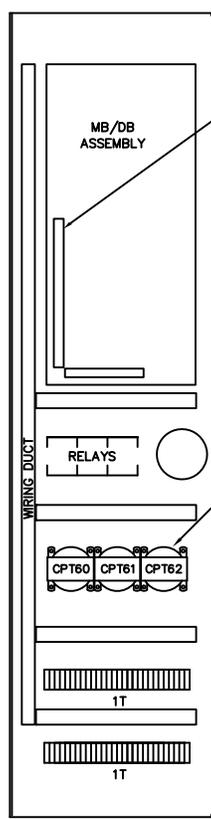
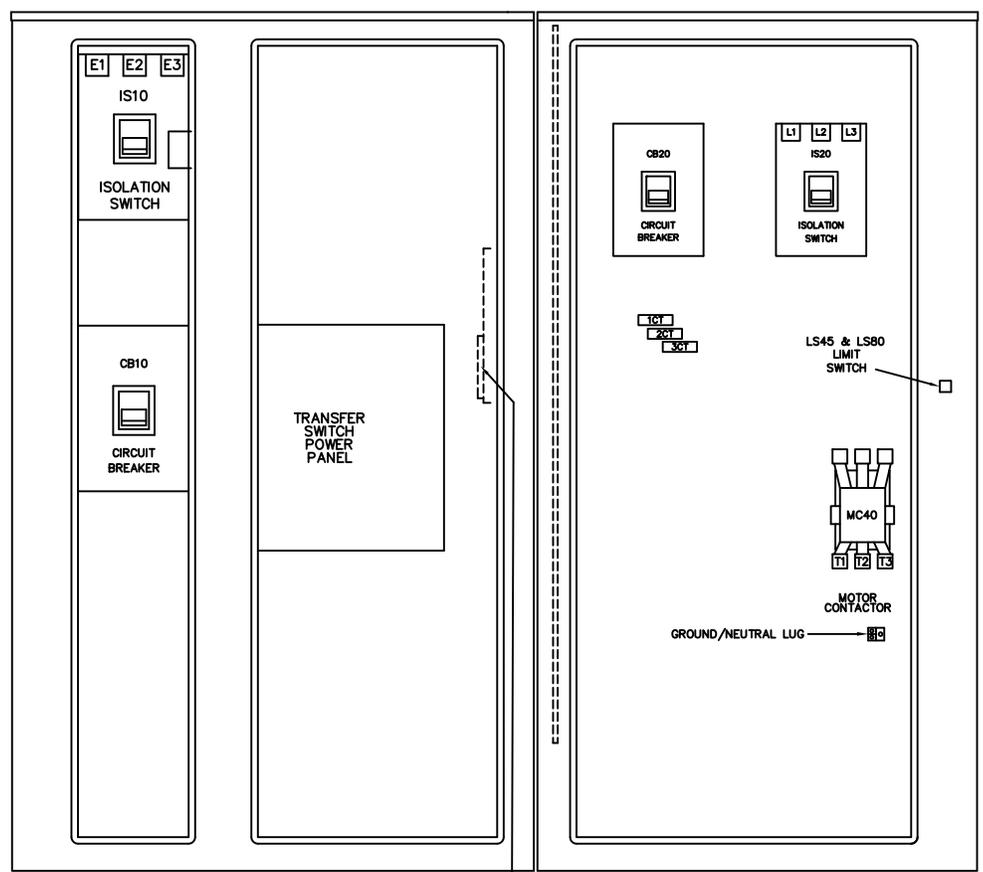


1T*
FIELD
TERMINALS



- DB54 } NC CONTACT, CLOSES ON LOSS OF POWER
- DB53 } NO CONTACT, OPENS ON LOSS OF POWER
- DB52 } NC CONTACT, OPENS ON PHASE REVERSAL
- DB51 } NO CONTACT, CLOSES ON PHASE REVERSAL
- DB49 } NC CONTACT, OPENS ON PUMP RUNNING
- DB48 } NO CONTACT, CLOSES ON PUMP RUNNING
- DB45 } NC CONTACT, OPENS ON CONTROLLER NOT IN AUTO
- DB44 } NO CONTACT, CLOSES ON CONTROLLER NOT IN AUTO
- DB43 } NC CONTACT, OPENS ON EMERG. ISO SW/CB OPEN
- DB39 } NO CONTACT, CLOSES ON EMERG. ISO SW/CB OPEN
- DB38 } NC CONTACT, OPENS ON EMERG. ISO SW/CB OPEN
- DB37 } NC CONTACT, OPENS ON AUX #4 ALARM
- DB36 } NO CONTACT, CLOSES ON AUX #4 ALARM
- DB35 } NC CONTACT, OPENS ON AUX #5 ALARM
- DB34 } NO CONTACT, CLOSES ON AUX #5 ALARM
- DB33 } NC CONTACT, OPENS ON AUX #6 ALARM
- DB32 } NO CONTACT, CLOSES ON AUX #6 ALARM
- DB31 } NC CONTACT, OPENS ON AUX #7 ALARM
- DB30 } NO CONTACT, CLOSES ON AUX #7 ALARM
- DB29 } NC CONTACT, OPENS ON AUX #8 ALARM
- DB28 } NO CONTACT, CLOSES ON AUX #8 ALARM
- DB27 } NC CONTACT, OPENS ON AUX #9 ALARM
- DB26 } NO CONTACT, CLOSES ON AUX #9 ALARM
- DB25 } NC CONTACT, OPENS ON AUX #9 ALARM
- DB24 } NO CONTACT, CLOSES ON AUX #9 ALARM



NOTES:
DAUGHTERBOARD
TERMINALS

- A } TRANSFER SWITCH IN EMERGENCY POSITION
- B }
- C } OPEN FOR ENGINE START
- D }
- E } CLOSE FOR ENGINE START

	VOLTS AC					PRIMARY WIRE SIZE	
	200V	208V	220V - 240V	380V - 415V	440V - 480V	LINE TERMINAL WIRE SIZE PER PHASE	SERVICE ENTRANCE GROUND LUG WIRE SIZE
MAXIMUM MOTOR HORSEPOWER	250 HP	250 HP	250 HP	400 HP	500 HP	(3) #3/0-400 MCM	(2) #6-250 MCM
			300 HP		600 HP	(4) #4/0-500 MCM	(2) #6-250 MCM

FIELD TERMINALS ARE LOCATED AT THE LEFT SIDE AND BOTTOM OF THE DAUGHTER BOARD

DB30 INDICATES DAUGHTERBOARD TERMINAL

DETAIL A
CENTER MOUNTED
RELAY PANEL

DRAWN	RA	11/09/04	METRON A Division of: Hubbell ICD, Inc. 4301 Cheyenne Dr., Archdale, NC 27263
CHECK	SB	11/30/04	
APPD	M.L.	12/02/04	
INTERNAL LAYOUT & EXTERNAL HOOKUP MODEL MP300 - ACROSS THE LINE START WITH AUTOMATIC TRANSFER SWITCH ELECTRIC FIRE PUMP CONTROLLER			OPTIONS: CH33726 SCALE N.T.S SHEET 1 OF 1