



LEGEND	
ART1, ART2, ART3, ART4	ANTI-RECYCLE TIMER
C1, C2, C3, C4	COMPRESSOR CONTACTOR
CCH	CRANKCASE HEATER
1CR, 2CR, 3CR, 4CR, 5CR	CONTROL RELAY
CYC1, CYC2, CYC3, CYC4	CYCLE COUNTER
DSW1	DISCONNECT SWITCH
FU1, FU2	TR1 PRIMARY CIRCUIT FUSES
FU3	TR1 SECONDARY CIRCUIT FUSE
LOR	LOCKOUT RELAY
OLR1, OLR2, OLR3, OLR4	COMPRESSOR OVERLOAD RELAY
PDB1	POWER DISTRIBUTION BLOCK
PWM1	POWER MONITOR
PSH1	HIGH PRESSURE SWITCH
PSL1	LOW PRESSURE SWITCH, (P100AA-2 OPENS 35 PSI)
PSL2	LOW PRESSURE SWITCH, (P100AA-1 OPENS 25 PSI)
RHM1, RHM2, RHM3, RHM4	RUN HOUR METER
TDR1	LOW SUCTION FAULT DELAY RELAY
TDR2	COMPRESSOR START DELAY RELAY
TR1	208,240,480/120 VAC 250 VA TRANSFORMER
TSH1, TSH2, TSH3, TSH4	COMPRESSOR HIGH TEMPERATURE SWITCH

- NOTES:**
- ALL DASHED ----- WIRE IS FIELD INSTALLED.
 - OVERLOAD SETTINGS:
10 TON COMPRESSORS; 230V = 52A, 460V = 23A
15 TON COMPRESSORS; 230V = 77A, 460V = 34A
 - SET TDR1 TO 120 SEC. SET TDR2 TO 5-10 SEC.
 - SET ART1 AND ART4 TO 4 MIN. SET ART2 TO 5 MIN. SET ART3 TO 6 MIN.
 - CLIP THE LOOPED WIRE ON ART1, ART2, ART3, ART4 AND TDR2 AS INDICATED FOR 120/240V OPERATION.

IMPORTANT

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ENGINEER'S SEAL	BY	DATE	REVISION
	1 MSG	06/01/1999	ADDED C1A, C2A, C3A, CCH AND 4CR
	2 KLM	06/02/2000	ADDED HOT GAS BYPASS VALVE SOLENOID
	3 MSG	08/25/2000	ACC. START CONTACTS WERE 1CR
	4 MSG	01/23/2001	PUMPOUT WAS OPTIONAL
	5 WW	11/07/2001	PSL2 SETTING WAS 10 PSI

NAPPS TECHNOLOGY CORP. P.O. BOX 3066 LONGVIEW, TX 75606-3066 WWW.NAPPSTECH.COM			
TITLE: POWER & CONTROL WIRING SCHEMATIC TRANE 50 & 60 TON COMP. SKID			
SCALE: N/A	DRAWN BY: M.GREER	CHECKED BY:	APP'D BY: B
DATE: 02/19/99			
DRAWING NUMBER: 4002689	REV: 5	SHEET NO: 1	NAPPS JOB NO: 1