



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, 480V = 23A
15 TON COMPRESSORS: 230V = 77A, 480V = 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

NAPPS INDUSTRIES, INC.
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TRANE SCROLL COMPRESSOR UNIT

SCALE: N.A.	DRAWN BY:	CHECKED BY:	APPROVED BY:
DATE: 11/23/04			
TITLE: POWER AND CONTROL WIRING SCHEMATIC 50 AND 60 TON SCROLL COMPRESSOR SKID			
DRAWING NO.:	SHEET NUMBER:	NAPPS JOB NO.:	
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