



LEGEND	
ART1, ART2	ANTI-RECYCLE TIMER
C1, C2	COMPRESSOR CONTACTOR
CCH	CRANKCASE HEATER
1CR, 2CR	CONTROL RELAY
CYC1, CYC2	CYCLE COUNTER
DSW1	DISCONNECT SWITCH
FU1, FU2	TR1 PRIMARY CIRCUIT FUSES
FU3	TR1 SECONDARY CIRCUIT FUSE
LOR	LOCKOUT RELAY
OLR1, OLR2	OVERLOAD CONTACT
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	RUN HOUR METER
TDR3	TIME DELAY RELAY
TR1	208,240,480/120 VAC 250 VA TRANSFORMER
TSH1, TSH2	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 TDR3 TO 120 SEC.
 - SET ART1 AND ART2 TO 5 MIN.
 - CLIP THE LOOPED WIRE ON ART1 AND ART2 AS INDICATED FOR 120/240V OPERATION.

IMPORTANT

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ENGINEER'S SEAL	BY	DATE OF REV.	REVISION	BY	DATE OF REV.	REVISION

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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 TRANE 20, 25 AND 30 TON COMPRESSOR SKID			
DRAWING NUMBER: NII-400-2442	SHEET NUMBER: 1 of 1	NAPPS JOB NO.: 7069A1	