



LEGEND	
ART1, ART2, ART3, ART4	ANTI-RECYCLE TIMER
C1, C2, C3, C4	COMPRESSOR CONTACTOR
C1A, C2A, C3A, C4A	COMPRESSOR CONTACTOR AUX CONTACT
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 (OPENS 35 PSI)
PSL2	LOW PRESSURE SWITCH (OPENS 10 PSI)
RHM1, RHM2, RHM3, RHM4	RUN HOUR METER
TDR1	LOW SUCTION FAULT DELAY RELAY (BYPASS TIMER)
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, 575V = 18A
15 TON COMPRESSORS; 230V = 77A, 460V = 34A, 575V = 27A
 - 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
	4 MSG	01/23/01	PUMPOUT WAS OPTIONAL
	5 WWW	11/07/01	PSL2 SETTING WAS 10 PSI
	6 SMH	5/29/12	FLIPPED ORDER OF C1-C4 & OLR1-OLR4 AT COMPRESSORS CHANGED PSL2 FROM 25 PSI BACK TO 10 PSI. REMOVED NUMBERING OF NEUTRAL WHITE WIRES AND TERMINALS IDENTIFIED C1A-C4A IN LEG- END AS AUX CONTACTS
	7 SMH	07/09/12	ADDED 575V OVERLOAD SETTINGS TO NOTES

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TITLE: POWER & CONTROL WIRING SCHEMATIC
SWU/SCU 50 & 60 TON COMP. SKID

SCALE: N/A DRAWN BY: M.GREER CHECKED BY: APP'D BY:

DATE: 02/19/99

DRAWING NUMBER: 4002689 REV. SHEET NO.: 7 NAPPS JOB NO.: 1 OF 1

DATE: 02/19/99