

61 —
62 —
63 —
64 —
65 —
66 —
67 —
68 —
69 —
70 —
71 —
72 —
73 —
74 —
75 —
76 —
77 —
78 —
79 —
80 —
81 —
82 —
83 —
84 —
85 —
86 —
87 —
88 —
89 —
90 —
91 —
92 —
93 —
94 —
95 —
96 —
97 —
98 —
99 —
100 —
101 —
102 —
103 —
104 —
105 —
106 —
107 —
108 —
109 —
110 —
111 —
112 —
113 —
114 —
115 —
116 —
117 —
118 —
119 —
120 —

TRANE
A DIVISION OF AMERICAN STANDARD INC.
ALL RIGHTS RESERVED.
THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF TRANE.
DRAWN BY: L. BURROW ©DATE: 02-14-08

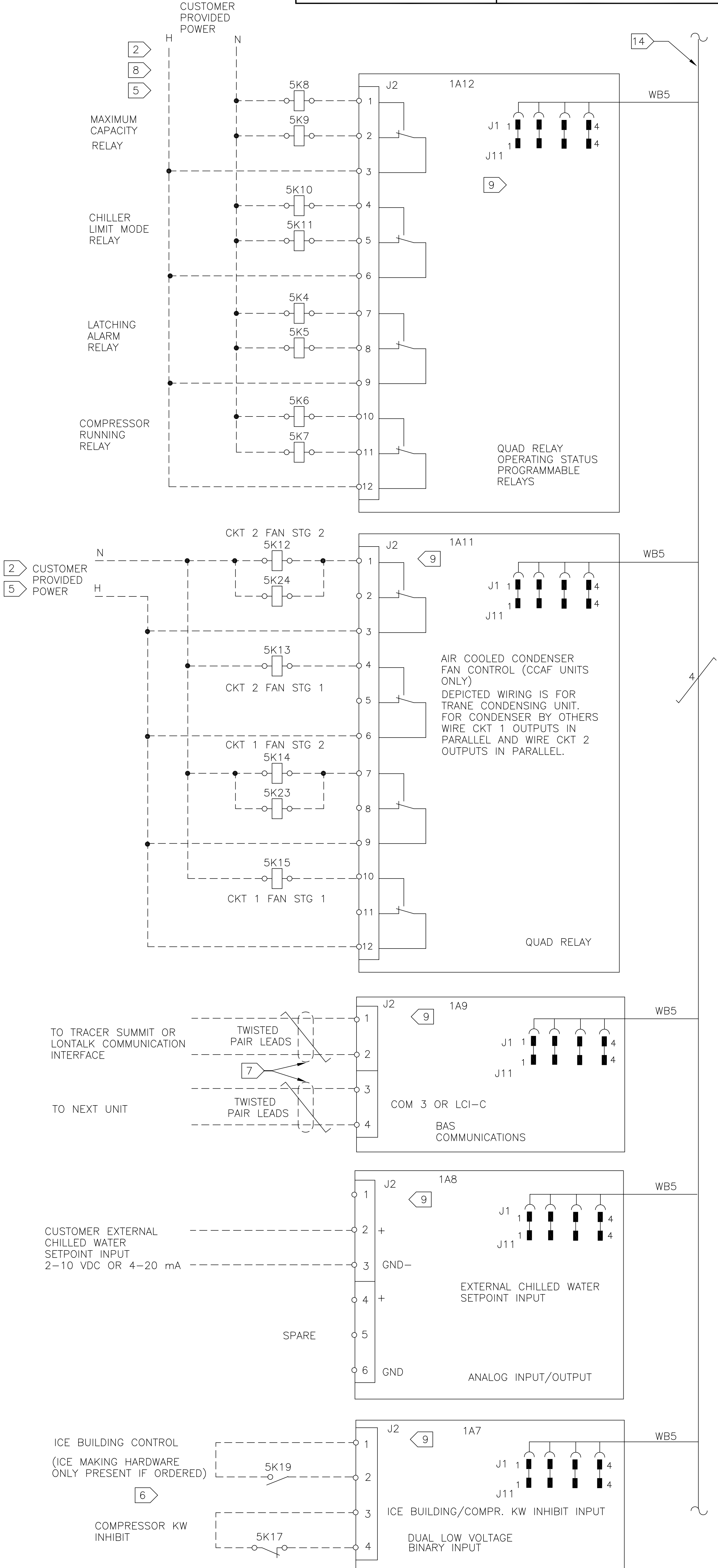
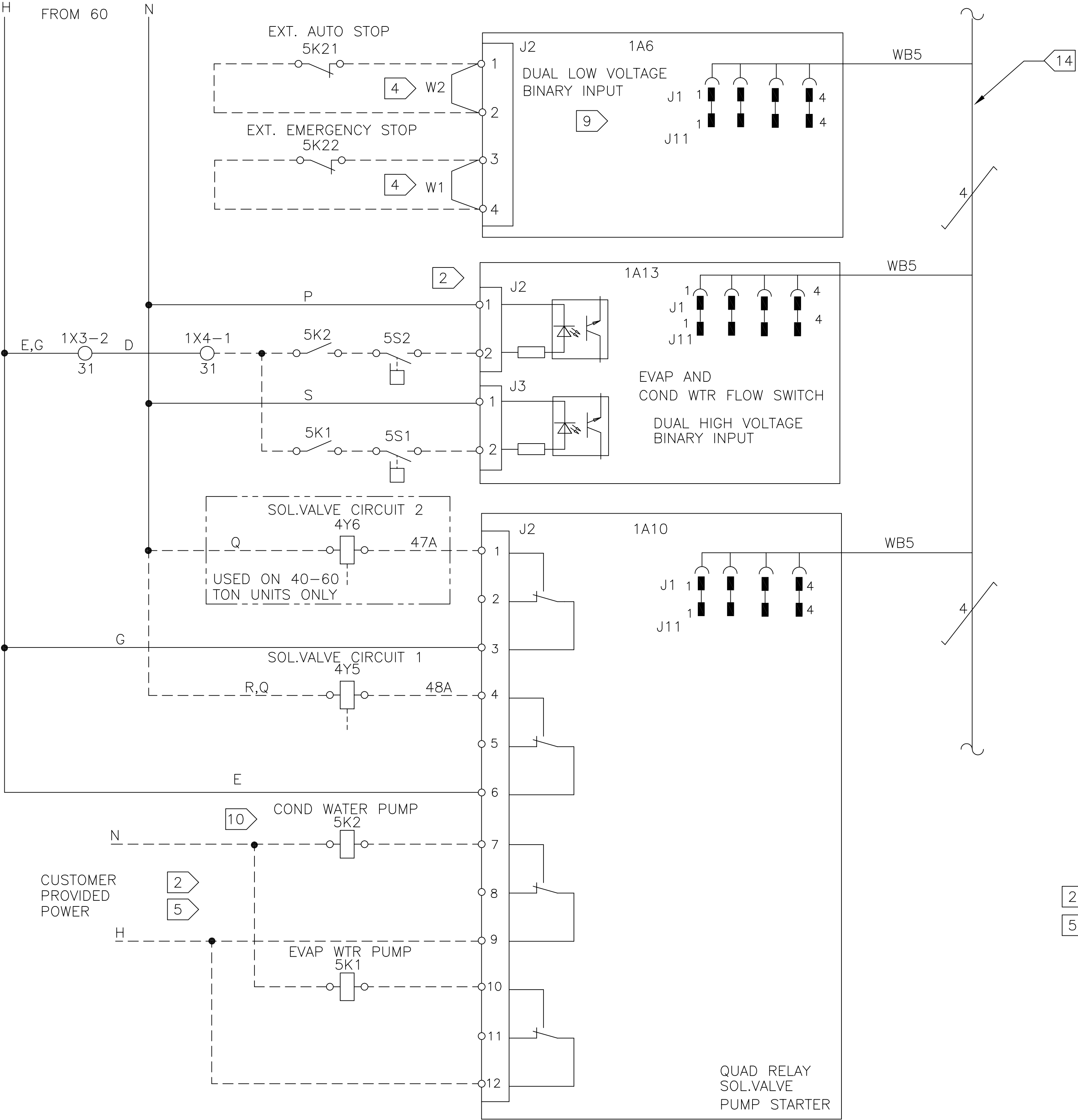
5068-9870
SCHEMATIC WIRING
CGW/CCA

SHEET 1 OF 1
REV A

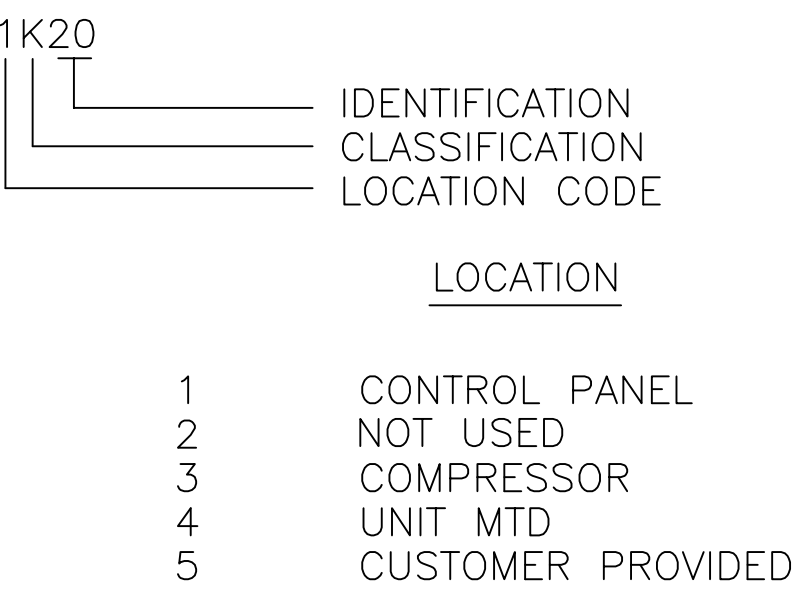
REPLACES:

REVISION DATE:

SIMILAR TO:



LINE #	ITEM	DESCRIPTION
31	1A1	DYNA VIEW DISPLAY AND INTERFACE
27	1A2	POWER SUPPLY MODULE
43	1A3	STARTER MODULE
22	1A4	WINDING T'STAT INPUT CKT #1
17	1A5	WINDING T'STAT INPUT CKT #2
62	1A6	EXTERNAL AUTO/STOP AND EMERGENCY STOP INPUT
104	1A7	ICE BUILDING/COMPRESSOR KW INHIBIT INPUT
97	1A8	EXTERNAL CHILLED WATER SETPOINT INPUT
92	1A9	COM 3 OR LCI-C
72	1A10	SOLENOID VALVE COND/EVAP PUMP STARTER
78	1A11	AIR COOLED CONDENSER FAN CONTROL
65	1A12	ALARM/LIMIT AND RUNNING INDICATORS
66	1A13	EVAP WATER AND CONDENSER WATER FLOW SWITCH
55	1K1	COMPRESSOR 1A CONTACTOR
50	1K2	COMPRESSOR 1B CONTACTOR
47	1K3	COMPRESSOR 2A CONTACTOR
44	1K4	COMPRESSOR 2B CONTACTOR
24	1T1	115V TRANSFORMER
28	1T2	24V TRANSFORMER
9-13	1T3-1,2,3	CURRENT TRANSFORMERS
5	1X1	MAIN TERMINAL BLOCK
	1X3	115V TERMINAL STRIP
68	1X4	FIELD FLOW SWITCH TERMINAL BLOCK
3	1Q1	MAIN DISCONNECT SWITCH
18,21,11,14	1Q2-5	COMPRESSOR OVERLOAD PROTECTORS
20	1F1-2	1T1 PRIMARY FUSES
26	1F3	1T1 SECONDARY FUSE
19	3M1	COMPRESSOR 1A
22	3M2	COMPRESSOR 1B
15	3M3	COMPRESSOR 2A
12	3M4	COMPRESSOR 2B
22	3M1S1	COMPRESSOR 1A WINDING T'STAT
24	3M2S2	COMPRESSOR 1B WINDING T'STAT
17	3M3S3	COMPRESSOR 2A WINDING T'STAT
19	3M4S4	COMPRESSOR 2B WINDING T'STAT
58	4B9	HI PRESS CUTOUT, CKT #1
58	4B10	HI PRESS CUTOUT, CKT #2
34	4B20	EVAPORATOR ENTERING WATER TEMP. SENSOR
36	4B21	EVAPORATOR LEAVING WATER TEMP. SENSOR
38	4B22	CONDENSER ENTERING WATER TEMP. SENSOR
40	4B23	CONDENSER LEAVING WATER TEMP. SENSOR
34	4B24	SUCTION PRESSURE TRANSDUCER CIRCUIT 1
36	4B25	SUCTION PRESSURE TRANSDUCER CIRCUIT 2
38	4B26	DISCHARGE PRESSURE SENSOR CIRCUIT 1
40	4B27	DISCHARGE PRESSURE SENSOR CIRCUIT 2
53	4Y7	HOT GAS BYPASS VALVE
72	4Y6	SOLENOID VALVE CIRCUIT 2
75	4Y5	SOLENOID VALVE CIRCUIT 1
36	5B28	OUT DOOR AIR TEMP SENSOR
81	5K1	EVAP WTR PUMP STARTER
78	5K2	COND WTR PUMP STARTER
66-76	5K4-11	UNIT STATUS RELAYS
79-88	5K12-15,23,24	FAN STARTERS
107	5K17	COMPR KW INHIBIT INPUT
105	5K19	ICE BUILDING CONTROL
62	5K21	EXT AUTO STOP
64	5K22	EXT EMERGENCY STOP
68,70	5S1-2	EVAP & COND WTR FLOW SWITCH



COLOR CODE	
BK	BLACK
BN	BROWN
BU	BLUE
GY	GRAY
RD	RED
WH	WHITE
GN	GREEN
OG	ORANGE
YE	YELLOW

LOCATION
1 CONTROL PANEL
2 NOT USED
3 COMPRESSOR
4 UNIT MTD
5 CUSTOMER PROVIDED

—————	TRANE WIRING
- - - - -	CUSTOMER WIRING
-----	OPTIONS

⚠ WARNING
HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS AND FOLLOW LOCK OUT AND TAG PROCEDURES BEFORE SERVICING. INSURE THAT ALL MOTOR CAPACITORS HAVE DISCHARGED STORED VOLTAGE. UNITS WITH VARIABLE SPEED DRIVE, REFER TO DRIVE INSTRUCTIONS FOR CAPACITOR DISCHARGE.
FAILURE TO DO THE ABOVE BEFORE SERVICING COULD RESULT IN DEATH OR SERIOUS INJURY.

⚠ AVERTISSEMENT
TENSION DANGEREUSE!
COUPER TOUTES LES TENSIONS ET OUVRIR LES SECTIONNEURS À DISTANCE, PUIS SUIVRE LES PROCÉDURES DE VERROUILLAGE ET DES ÉTIQUETTES AVANT TOUTE INTERVENTION. VÉRIFIER QUE TOUTS LES CONDENSATEURS DES MOTEURS SONT DÉCHARGÉS. DANS LE CAS D'UNITÉS COMPORTANT DES ENTRAÎNEMENTS À VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE L'ENTRAÎNEMENT POUR DÉCHARGER LES CONDENSATEURS.
NE PAS RESPECTER CES MESURES DE PRÉCAUTION PEUT ENTRAÎNER DES BLESSURES GRAVES POUVANT ÊTRE MORTELLES.

⚠ ADVERTENCIA
¡VOLTAJE PELIGROSO!
DESCONECTE TODA LA ENERGÍA ELÉCTRICA, INCLUSO LAS DESCONEXIONES REMOTAS Y SIGA LOS PROCEDIMIENTOS DE CIERRE Y ETIQUETADO ANTES DE PROCEDER AL SERVICIO. ASEGÚRESE DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO EL VOLTAJE ALMACENADO. PARA LAS UNIDADES CON EJE DE DIRECCIÓN DE VELOCIDAD VARIABLE, CONSULTE LAS INSTRUCCIONES PARA LA DESCARGA DEL CONDENSADOR.
EL NO REALIZAR LO ANTERIORMENTE INDICADO, PODRÍA OCASIONAR LA MUERTE O SERIAS LESIONES PERSONALES.

CAUTION

USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

ATTENTION

N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!
LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.
L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'EQUIPEMENT.

PRECAUCIÓN

¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!
LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.
SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.