



DEVICE	DESCRIPTION	LINE
ASC1	ANTI SHORT CYCLE TIMER	40
ASC2	ANTI SHORT CYCLE TIMER	43
CC1	COMPRESSOR CONTACTOR	11,12,13,42
CC2	COMPRESSOR CONTACTOR	21,22,23,45
CCH1	CRANKCASE HEATER	14
CCH2	CRANKCASE HEATER	24
CF1	OUTDOOR FAN CAPACITOR	11
CF2	OUTDOOR FAN CAPACITOR	21
CHR1	CRANKCASE HEATER RELAY	14,41
CHR2	CRANKCASE HEATER RELAY	24,44
CPR1	COMPRESSOR	11
CPR2	COMPRESSOR	21
DTL1	DISCHARGE TEMPERATURE LIMIT	40
DTL2	DISCHARGE TEMPERATURE LIMIT	43
HPC1	HIGH PRESSURE CUTOUT	40
HPC2	HIGH PRESSURE CUTOUT	43
HTB	HIGH VOLTAGE TERMINAL BLOCK	7
LPC1	LOW PRESSURE CUTOUT	40
LPC2	LOW PRESSURE CUTOUT	43
ODM1	OUTDOOR FAN MOTOR	11
ODM2	OUTDOOR FAN MOTOR	21
PM	PHASE MONITOR	11,30
TNS1	TRANSFORMER - 24 VAC	27

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 OUVRIER LES SECTIONNEURS A DISTANCE. PUIS SUIVRE LES PROCEDURES DE VERROUILLAGE ET DES ETIQUETTES AVANT TOUTE INTERVENTION. VERIFIER QUE TOUTS LES CONDENSATEURS DES MOTEURS SONT DECHARGES. DANS LE CAS D'UNITES COMPORTANT DES ENTRAINEMENTS A VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE L'ENTRAINEMENT POUR DECHARGER LES CONDENSATEURS.

NE PAS RESPECTER CES MESURES DE PRECAUTION PEUT ENTRAINER DES BLESSURES GRAVES POUVANT ETRE MORTELLES.

ADVERTENCIA
¡VOLTAJE PELIGROSO!
DESCONECTE TODA LA ENERGIA ELECTRICA, INCLUIDO LAS DESCONEXIONES REMOTAS Y SIGA LOS PROCEDIMIENTOS DE CIERRE Y ETIQUETADO ANTES DE PROCEDER AL SERVICIO. ASEGURESE DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO EL VOLTAJE ALMACENADO. PARA LAS UNIDADES CON VELOCIDAD VARIABLE, CONSULTE LAS INSTRUCCIONES PARA LA DESCARGA DEL CONDENSADOR.

EL NO REALIZAR LO ANTERIORMENTE INDICADO, PODRIA 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.

NOTES:

- UNLESS OTHERWISE NOTED, ALL SWITCHES ARE SHOWN AT 25°C (77°F). AT ATMOSPHERIC PRESSURE, AT 50% RELATIVE HUMIDITY. WITH ALL UTILITIES TURNED OFF, AND AFTER A NORMAL SHUTDOWN HAS OCCURRED.
- DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. SOLID LINE INDICATES WIRING BY TRANE CO.
- NUMBERS ALONG THE RIGHT SIDE OF THE SCHEMATIC DESIGNATE THE LOCATION OF CONTACTS BY LINE NUMBER. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT. AN OPEN ARROWHEAD BELOW THE LINE NUMBER POINTING UPWARD INDICATES A TIMED CONTACT WHICH BEGINS TIMING WHEN ENERGIZED.

- 4 CONNECTIONS SHOWN ARE FOR 230V/60HZ/3PH UNITS. WHEN 208V/60HZ/3PH OPERATION IS REQUIRED, MOVE WIRE 1C(R) FROM 230V TERMINAL ON UNIT TRANSFORMER TNS1 TO 208V TERMINAL.
- 5 FOR 460V/60HZ MODELS SEE INSET 1A.
- 6 CAUTION: DO NOT JUMPER ACROSS SWITCHES DTL1, DTL2, LPC1, HPC1 AND HPC2 UNDER ANY CIRCUMSTANCES.
- 7 NOTICE: DO NOT OPERATE OR APPLY POWER TO COMPRESSORS WHILE UNDER A VACUUM. FAILURE TO FOLLOW THESE INSTRUCTIONS WILL RESULT IN COMPRESSOR FAILURE
- 8 IF EVAPORATOR DEFOST CONTROL (EDC) IS USED ON INDOOR UNIT, REMOVE JUMPER WIRE W3(BL) BETWEEN TERMINALS "B1" AND "B2" ON LT B1.

WIRE COLOR DESIGNATION			
ABBR	COLOR	ABBR	COLOR
BL	BLUE	O	ORANGE
BK	BLACK	R	RED
BR	BROWN	V	VIOLET (PURPLE)
G	GREEN	W	WHITE
GY	GRAY (SLATE)	Y	YELLOW

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REVISION DATE: --

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SHEET: A

ODYSSEY
DIAGRAM
ELECTRO-MECHANICAL - CONDENSER UNIT - COOLING ONLY
7.5T, 10T SINGLE & 15T DUAL (ALL VOLTAGE) AND 20T DUAL 460V/60HZ - (R22 UNITS ONLY)