

⚠WARNING
HAZARDOUS VOLTAGE!

⚠AVERTISSEMENT
TENSION DANGEREUSE!

⚠ADVERTENCIA
¡VOLTAJE PELIGROSO!

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.

COUPER TOUTES LES TENSIONS ET OUVRIR LES SECTIONNEURS A DISTANCE, PUIS SUIVRE LES PROCEDURES DE VERROUILLAGE ET DES ETIQUETTES AVANT TOUTE INTERVENTION. VERIFIER QUE TOUS LES CONDENSATEURS DES MOTEURS SONT DECHARGES. DANS LE CAS D'UNITES COMPORTANT DES ENTRAÎNEMENTS A VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE L'ENTRAÎNEMENT POUR DECHARGER LES CONDENSATEURS.

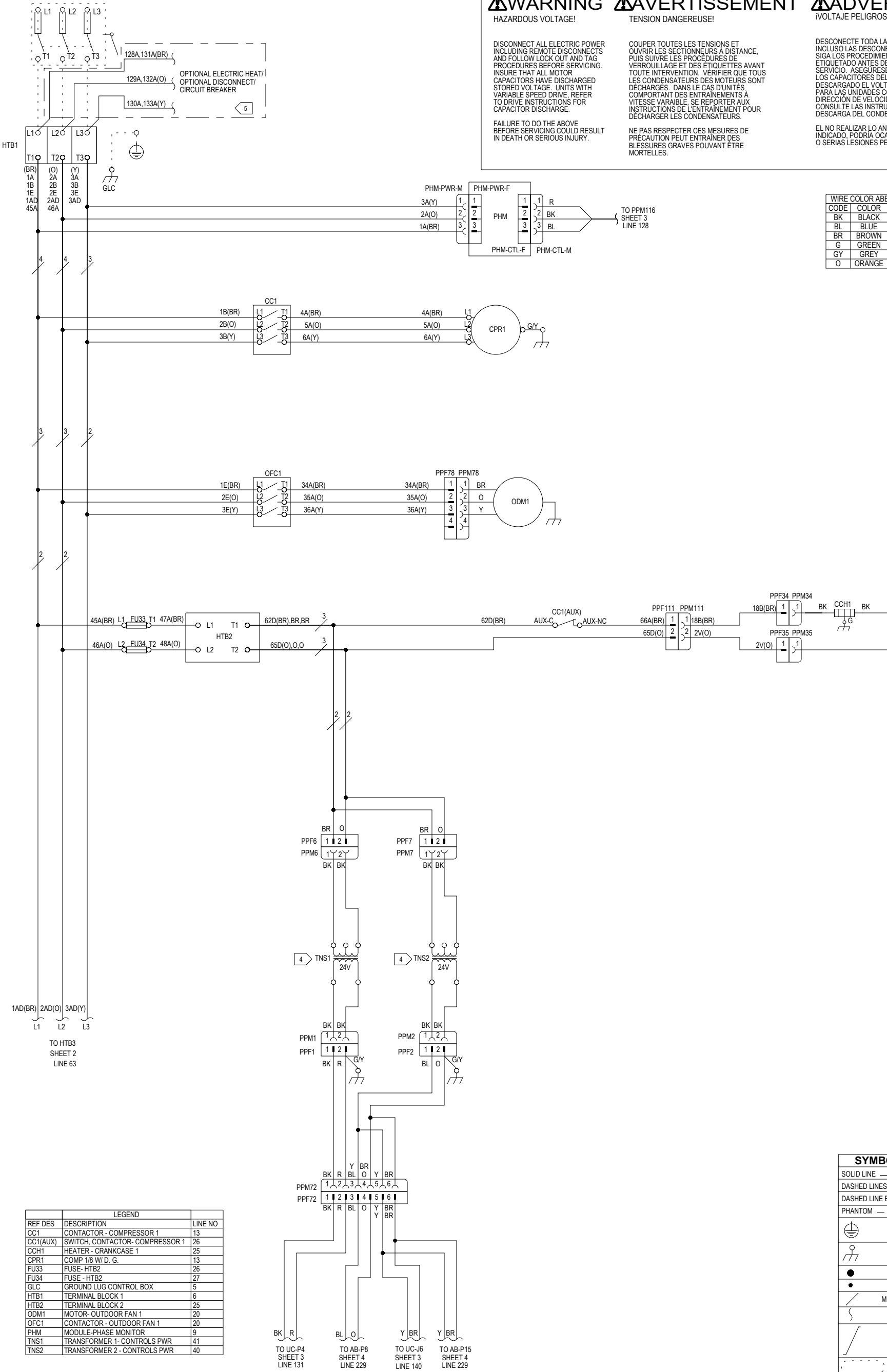
DESCONECTE TODA LA ENERGÍA ELÉCTRICA, INCLUSO LAS DESCONEXIONES REMOTAS Y SIGA LOS PROCEDIMIENTOS DE CIERRE Y ETIQUETADO ANTES DE PROCEDER AL SERVICIO. ASEGURESE DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO EL VOLTAJE ALMACENADO. PARA LAS UNIDADES CON EJE DE DIRECCIÓN DE VELOCIDAD VARIABLE, CONSULTE LAS INSTRUCCIONES PARA LA DESCARGA DEL CONDENSADOR.

FAILURE TO DO THE ABOVE BEFORE SERVICING COULD RESULT IN DEATH OR SERIOUS INJURY.

NE PAS RESPECTER CES MESURES DE PRÉCAUTION PEUT ENTRAÎNER DES BLESSURES GRAVES POUVANT ÊTRE MORTELLES.

EL NO REALIZAR LO ANTERIORMENTE INDICADO, PODRÍA OCASIONAR LA MUERTE O SERIAS LESIONES PERSONALES.

WIRE COLOR ABBREVIATION CODES			
CODE	COLOR	CODE	COLOR
BK	BLACK	PK	PINK
BL	BLUE	R	RED
BR	BROWN	TQ	TURQUOISE
G	GREEN	V.(PR)	PURPLE
GY	GREY	W	WHITE
O	ORANGE	Y	YELLOW



LEGEND		
REF DES	DESCRIPTION	LINE NO
CC1	CONTACTOR - COMPRESSOR 1	13
CC1(AUX)	SWITCH, CONTACTOR - COMPRESSOR 1	26
CCH1	HEATER - CRANKCASE 1	25
CPR1	COMP 1/8 W/ D. G.	13
FU33	FUSE- HTB2	26
FU34	FUSE - HTB2	27
GLC	GROUND LUG CONTROL BOX	5
HTB1	TERMINAL BLOCK 1	6
HTB2	TERMINAL BLOCK 2	25
ODM1	MOTOR- OUTDOOR FAN 1	20
OFC1	CONTACTOR - OUTDOOR FAN 1	20
PHM	MODULE-PHASE MONITOR	9
TNS1	TRANSFORMER 1- CONTROLS PWR	41
TNS2	TRANSFORMER 2 - CONTROLS PWR	40

SYMBOL LEGEND	
SOLID LINE	_____
DASHED LINES	- - - - -
DASHED LINE ENCLOSURES	-----
PHANTOM	— — — — —
	EARTH GROUND
	EQUIPMENT GROUND
	SPLICE
	JUNCTION
	MULTIPLE WIRE SYMBOL
	LINE BREAK
	TWISTED PAIR
	SHIELDED CABLE

NOTES: (STANDARD NOTES 1-3, WIRE COLOR & SYMBOL LEGEND TABLES APPLY TO ALL SHEETS.)

- 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.
- SOLID LINES INDICATE WIRING PROVIDED BY TRANE CO. DASHED LINES INDICATE RECOMMENDED FIELD WIRING PROVIDED BY THE CUSTOMER. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE CUSTOMER. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS.
- NUMBERS ALONG THE RIGHT SIDE MARGIN OF THE SCHEMATIC DESIGNATE BY LINE NUMBER THE LOCATION OF CONTACTS ENERGIZED BY COIL. AN UNDERLINED NUMBER INDICATES A NORMALLY CLOSED CONTACT. AN OPEN ARROWHEAD POINTING UPWARD BELOW THE LINE NUMBER INDICATES A TIMED CONTACT WHICH BEGINS TIMING WHEN ENERGIZED.

4 UNITS THAT ARE DUAL RATED FOR 208/230V ARE SHIPPED WITH TRANSFORMER WIRED IN THE 230V CONFIGURATION. FOR 208V OPERATION MOVE WIRE TO THE 208V TAP ON ALL CONTROL POWER TRANSFORMERS.

5 WIRES 128A, 129A, 130A PRESENT ON UNITS WITH OPTIONAL ELECTRIC HEAT WIRES 131A, 132A, 133A PRESENT ON UNITS WITH OPTIONAL DISCONNECT/CIRCUIT BREAKER.

CAUTION

USE COPPER CONDUCTORS ONLY! 75 DEGREE CELSIUS
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.

DESIGNER:	E.STOVALL
ENGINEER:	N. CHALITA
TRANE © DATE:	20-MAR-2024
REPLACES:	-
SIMILAR TO:	-
REVISION DATE:	17-APRIL-2024
REVISED BY:	E.STOVALL
APPROVED BY:	N. CHALITA
CAD SYSTEM USED:	CREO SCHEMATICS

TRANE®

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PRECEDENT SCHEMATIC; SHEET 1

POWER, SINGLE COMPRESSOR,
SINGLE CONDENSER FAN, STD SCCR

MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
	12134991	1	B