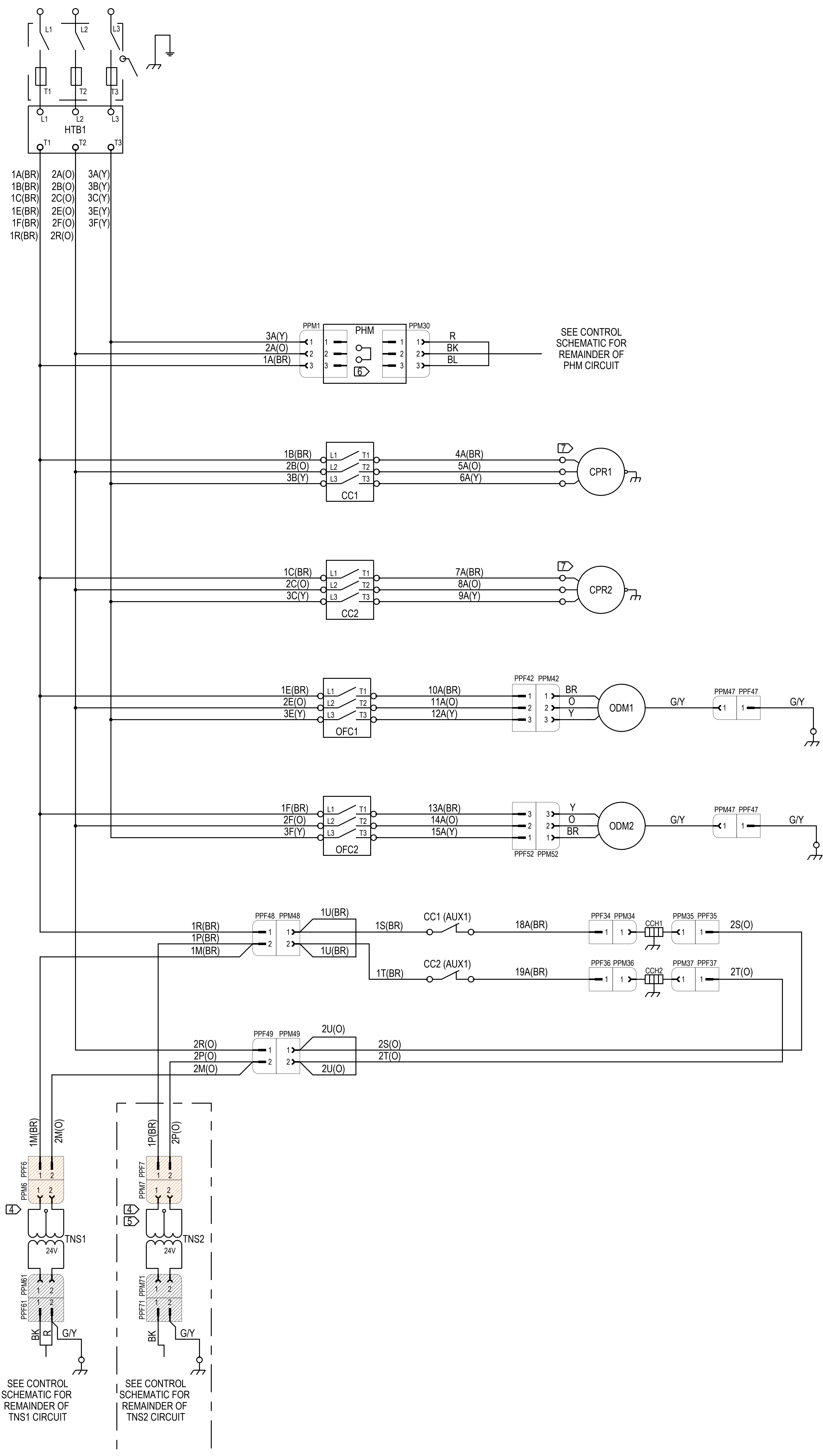


SEE UNIT NAMEPLATE FOR LINE VOLTAGE AND MAX FUSE SIZE



REF DES	DESCRIPTION	LINE NO
PHM	PHASE MONITOR	16
HTB1	HIGH VOLTAGE TERMINAL BLOCK	6
TNS1	TRANSFORMER 1	52
TNS2	TRANSFORMER 2	52
CC1	COMPRESSOR CONTACTOR 1	21
CC2	COMPRESSOR CONTACTOR 2	26
ODM1	OUTDOOR MOTOR 1	31
ODM2	OUTDOOR MOTOR 2	36
OFC1	OUTDOOR FAN CONTACTOR 1	31
OFC2	OUTDOOR FAN CONTACTOR 2	36
CCH1	CRANCASE HEATER 1	41
CCH2	CRANCASE HEATER 2	43
CC1 (AUX1)	CC1 AUX1 NC	41
CC2 (AUX1)	CC2 AUX NO	43
CPR1	COMPRESSOR 1	21
CPR2	COMPRESSOR 2	26

- NOTES:
1. 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.
2. DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS, DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THIS FIELD. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. SOLID LINE INDICATES WIRING BY TRANE CO.
3. 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. FOR 208V/60HZ/3PH OPERATION, MOVE WIRE FROM 230V TERMINAL TO 208V TERMINAL ON UNIT TRANSFORMER(S) TNS1 AND TNS2 (IF PRESENT). FOR ALL OTHER VOLTAGES TRANSFORMERS ARE SINGLE TAP PRIMARY AND WILL BE SHIPPED FROM FACTORY WITH THE APPROPRIATE WIRING.
- 5 TNS2 REQUIRED ON 8.33T/10T/16.7T/20T DUAL TTA AND ALL TWA UNITS.
- 6 CLIP PHM JUMPER WIRE FOR 50HZ OPERATION.
- 7 CAUTION: DO NOT OPERATE OR APPLY POWER TO COMPRESSORS WHILE UNDER A VACUUM. FAILURE TO FOLLOW THESE INSTRUCTIONS WILL RESULT IN COMPRESSOR FAILURE.

CAUTION

USE COPPER CONDUCTORS ONLY! 75C%/12T
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.

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

ADVERTENCIA

¡VOLTAJE PELIGROSO!
DESCONECTE TODA LA ENERGÍA ELÉCTRICA, INCLUIDO 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.

WIRE COLOR DESIGNATION			
ABR	COLOR	ABR	COLOR
BK	BLACK	V(PR)	PURPLE
BL	BLUE	R	RED
BR	BROWN	TN	TAN
G	GREEN	W	WHITE
O	ORANGE	Y	YELLOW

DESIGNER: KRISHNA.G
ENGINEER: BHARATH.S
TRANE © DATE: 05/13/2020
REPLACES: 12132973-D
SIMILAR TO:
REVISION DATE: -
REVISED BY: -
APPROVED BY: BHARATH.S
CAD SYSTEM USED: CREO SCHEMATIC

TRANE®

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**ODYSSEY
SCHEMATIC**
POWER, COOLING CONDENSER/HEAT PUMP
DUAL/MANIFOLDED COMPRESSORS
DUAL FAN

MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
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