

⚠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 ÊTRE MORTELLES.

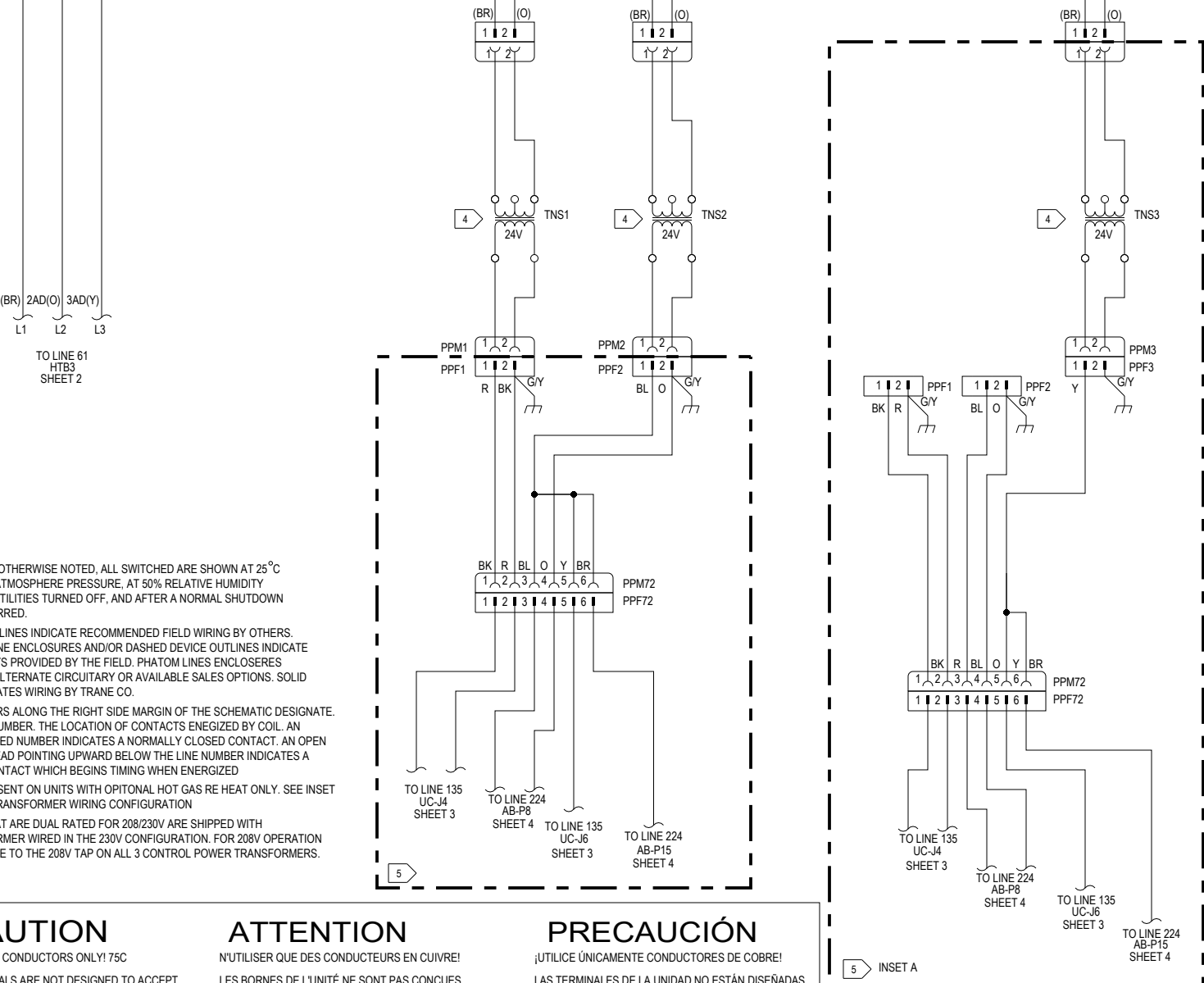
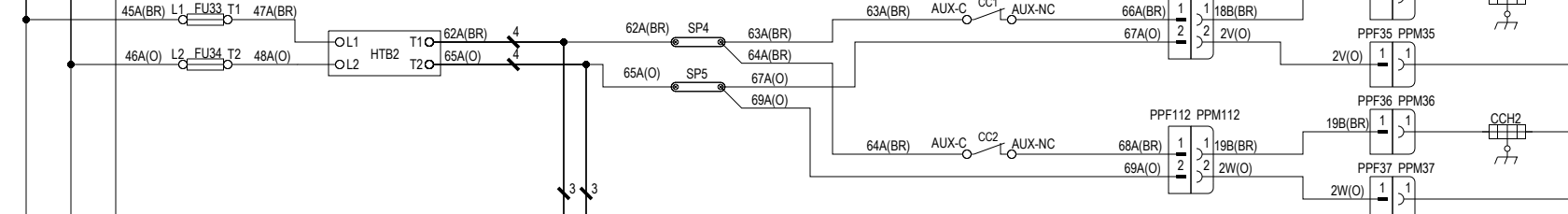
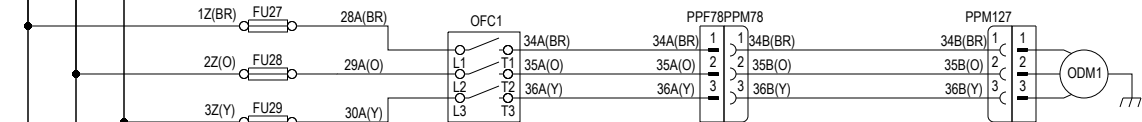
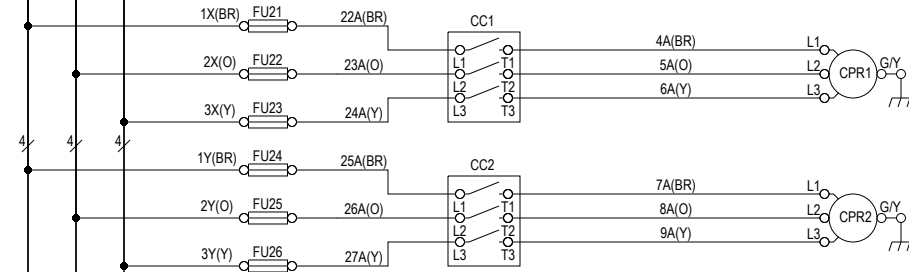
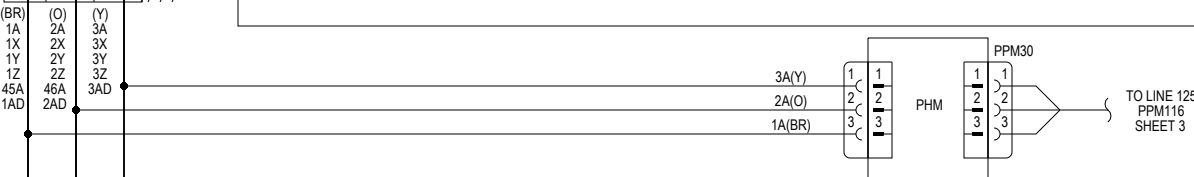
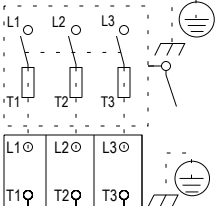
⚠ADVERTENCIA
¡VOLTAJE PELIGROSO!

DESCONECTE TODA LA ENERGÍA ELÉCTRICA, INCLUSO LAS DESCONEXIONES REMOTAS Y SIGA LOS PROCEDIMIENTOS DE CIERRE Y ETIQUETADO ANTES DE PROCEDER AL SERVICIO. ASEGURESE DE QUE TODOS LOS CAPACITORES DEL MOTOR HAYAN DESCARGADO EL VOLTAJE ALMACENADO. PARA LAS UNIDADES CON EJE DE DIRECCION 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 ABBREVIATION CODES				LEGEND		
CODE	COLOR	CODE	COLOR	REF DES	DESCRIPTION	LINE NO
BK	BLACK	PK	PINK	CPR1	COMPRESSOR 1	13
BL	BLUE	R	RED	CPR2	COMPRESSOR 2	15
BR	BROWN	TQ	TURQUOISE	CCH1	HEATER - CRANKCASE 1	25
G	GREEN	V,(PR)	PURPLE	CCH2	HEATER - CRANKCASE 2	28
GY	GREY	W	WHITE	FU33	FUSE- HTB2	26
O	ORANGE	Y	YELLOW	FU34	FUSE - HTB 2	27
				FU29	FUSE - OFC1	21
				FU28	FUSE - OFC1	20
				FU27	FUSE - OFC1	19
				FU26	FUSE - CC2	17
				FU25	FUSE - CC2	16
				FU24	FUSE - CC2	15
				FU23	FUSE - CC1	14
				FU22	FUSE - CC1	13
				FU21	FUSE - CC1	12
				HTB2	TERMINAL BLOCK 2	26
				CC1	CONTACTOR - COMPRESSOR 1	13
				CC2	CONTACTOR - COMPRESSOR 2	16
				OFC1	CONTACTOR - OUTDOOR FAN 1	20
				TNS1	TRANSFORMER 1- CONTROLS PWR	41
				TNS2	TRANSFORMER 2 - CONTROLS PWR	40
				TNS3	TRANSFORMER 3 - CONTROLS PWR	40
				CC1	CONTACTOR- COMPRESSOR 1	26
				CC2	CONTACTOR- COMPRESSOR 2	28
				ODM1	MOTOR - OUTDOOR FAN 1	20
				PHM	MODULE - PHASE MONITOR	8
				HTB 1	TERMINAL BLOCK 1	6

HTB 1



- NOTES:
1. UNLESS OTHERWISE NOTED, ALL SWITCHED ARE SHOWN AT 25°C (77°F), AT ATMOSPHERE 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 THE FIELD. PHANTOM LINES ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. SOLID LINE INDICATES WIRING BY TRANE CO.
 3. 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 TNS3 PRESENT ON UNITS WITH OPITONAL HOT GAS RE HEAT ONLY. SEE INSET A FOR 3 TRANSFORMER WIRING CONFIGURATION
- 5 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 3 CONTROL POWER TRANSFORMERS.

CAUTION

USE COPPER CONDUCTORS ONLY! 75C

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:	T. PEED
ENGINEER:	D. MACVICAR
TRANE © DATE:	10/18/2021
REPLACES:	--
SIMILAR TO:	--
REVISION DATE:	--
REVISED BY:	--
APPROVED BY:	--
CAD SYSTEM USED:	CREO SCHEMATICS

TRANE®

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IEC DESIGN COMPLIANT

PRECEDENT
UNIT SCHEMATIC; SHEET 1
POWER, DUAL COMPRESSOR,
SINGLE CONDENSER FAN, HIGH
SCCR

MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
121343350001	12134335	1 OF 10	B