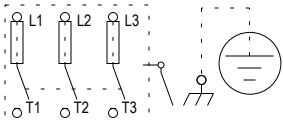


SEE UNIT NAMEPLATE FOR LINE VOLTAGE AND MAX FUSE SIZE



CAUTION

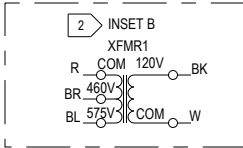
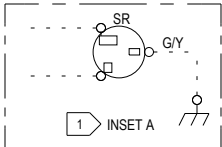
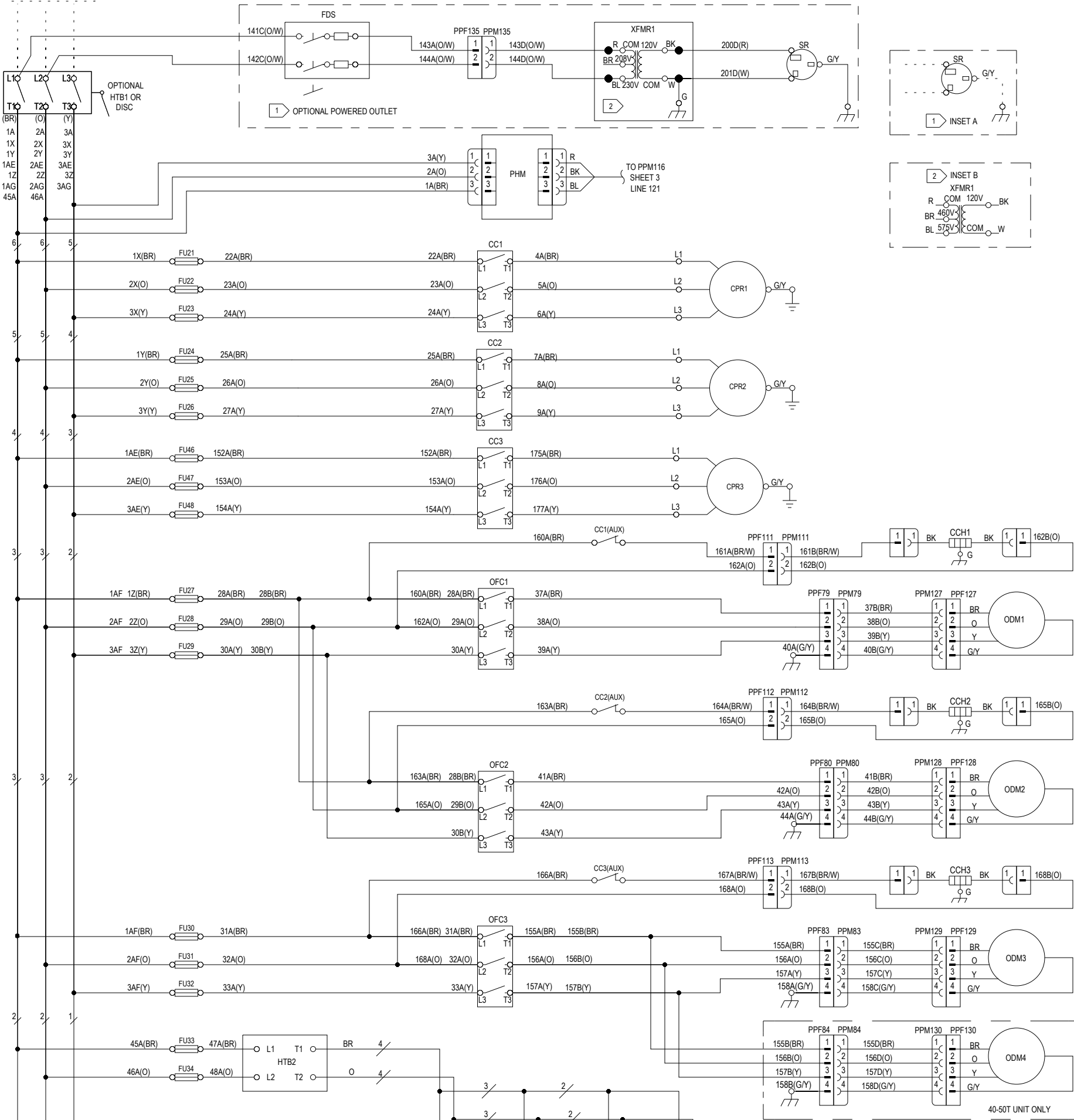
USE COPPER CONDUCTORS ONLY! 75C
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

ATTENTION

NUTILISER 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.



LEGEND		
REF DES	DESCRIPTION	LINE NO
CC1	CONTACTOR - COMPRESSOR 1	13
CC1(AUX)	SWITCH, CONTACTOR-COMPRESSOR 1	23
CC2	CONTACTOR - COMPRESSOR 2	17
CC2(AUX)	SWITCH, CONTACTOR-COMPRESSOR 2	29
CC3	CONTACTOR - COMPRESSOR 3	20
CC3(AUX)	SWITCH, CONTACTOR-COMPRESSOR 3	35
CCH1	HEATER-CRANKCASE 1	23
CCH2	HEATER-CRANKCASE 2	29
CCH3	HEATER-CRANKCASE 3	35
CPR1	COMPRESSOR 1	13
CPR2	COMPRESSOR 2	16
CPR3	COMPRESSOR 3	20
DISC	MAIN UNIT DISCONNECT	7
FDS	FUSED DISCONNECT SWITCH	6
FU21	FUSE- CC1	13
FU22	FUSE- CC1	14
FU23	FUSE- CC1	15
FU24	FUSE- CC2	16
FU25	FUSE- CC2	17
FU26	FUSE- CC2	18
FU27	FUSE- OUTDOOR FAN 1 & 2	25
FU28	FUSE- OUTDOOR FAN 1 & 2	26
FU29	FUSE- OUTDOOR FAN 1 & 2	27
FU30	FUSE- OUTDOOR FAN 3	37
FU31	FUSE- OUTDOOR FAN 3	38
FU32	FUSE- OUTDOOR FAN 3	39
FU33	FUSE- HTB2	41
FU34	FUSE- HTB2	42
FU46	FUSE- CC3	20
FU47	FUSE- CC3	21
FU48	FUSE- CC3	22
HTB1	TERMINAL BLOCK 1	7
HTB2	TERMINAL BLOCK2	41
ODM1	MOTOR-OUTDOOR FAN 1	26
ODM2	MOTOR-OUTDOOR FAN 2	32
ODM3	MOTOR-OUTDOOR FAN 3	38
ODM4	MOTOR-OUTDOOR FAN 4	41
OFC1	CONTACTOR-OUTDOOR FAN1	25
OFC2	CONTACTOR-OUTDOOR FAN2	32
OFC3	CONTACTOR-OUTDOOR FAN3	37
PHM	MODULE - PHASE MONITOR	9
SR	SERVICE RECEPTACLE	7
TNS1	TRANSFORMER 1 - CONTROLS PWR	49
TNS2	TRANSFORMER 2 - CONTROLS PWR	49
TNS3	TRANSFORMER 3 - CONTROLS PWR	49
TNS4	TRANSFORMER 4 - CONTROLS PWR	49
XFMR1	TRANSFORMER - CONVENIENCE OUTLET	7

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

- NOTES:
- 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.
 - 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.
 - 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
 - 1 WIRING SHOWN FOR OPTIONAL POWERED OUTLET. SEE INSET A FOR FIELD POWERED OUTLET OPTION.
 - 2 WIRING SHOWN FOR 230V OPERATION.FOR 208V OPERATION, CONNECT WIRE 144D TO THE 208V(BROWN)LEAD OF XFMR1.FOR 460V/575V OPERATION, SEE INSET B.
 - 3 WIRING SHOWN FOR 575V OPERATION.FOR 460V OPERATION, CONNECT WIRE 144D TO THE 460V(BROWN)LEAD OF XFMR1.
 - 4 FOR 380V UNIT OPERATION, CONNECT WIRE TO THE 380V TAPS OF TNS1-TNS4.

DESIGNER: S.VAVHAL
ENGINEER: B.JONES
TRANE © DATE: 15-MAR-2022
REPLACES: -
SIMILAR TO: -
REVISION DATE: 26-APR-2022
REVISED BY: S.VAVHAL
APPROVED BY: B.JONES
CAD SYSTEM USED: CREO SCHEMATICS

TRANE®

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VOYAGER3
UNIT SCHEMATIC; SHEET 1
POWER
THREE COMPRESSOR
3/4 CONDENSER FAN

MASTER NUMBER:	DRAWING NUMBER:	SHEET:	REV
-	12134517	1	B