WIRE COLOR DESIGNATION			
ABBR	COLOR	ABBR	COLOR
BK	BLACK	PR	PURPLE
BL	BLUE	RD	RED
BR	BROWN	WH	WHITE
GR	GREEN	YL	YELLOW
OR	ORANGE	TN	TAN

NOTES:

1. ALL WIRING AND DEVICES SHOWN DASHED TO BE SUPPLIED AND INSTALLED BY THE CUSTOMER IN ACCORDANCE WITH LOCAL AND NATIONAL ELECTRICAL CODES.
2. IF ANY OF THE ORIGINAL WIRE, AS SUPPLIED WITH THIS UNIT, MUST BE REPLACED, REPLACE IT WITH APPLIANCE WIRING MATERIAL RATED AT 105°C.
3. THREE PHASE MOTORS ARE PROTECTED UNDER PRIMARY SINGLE PHASING CONDITIONS. ALL MOTORS HAVE INTERNAL OVERLOAD PROTECTION. COMPRESSORS HAVE INTERNAL THERMAL PROTECTION.

4 CONNECTIONS SHOWN ARE FOR 460V/60HZ/3PH OR 380V/50HZ/3PH. WHEN 575V/60HZ/3PH OR 415V/50HZ/3PH OPERATION IS REQUIRED. REMOVE WIRES 12B.C(BL) FROM H2 TERMINAL ON TNS2 AND CONNECT TO H3 TERMINAL ON TNS2.

5 CONNECTIONS SHOWN ARE FOR 460V/60HZ/3PH. WHEN 575V/60HZ/3PH OR 380-415/50HZ/3PH OPERATION IS REQUIRED. REMOVE WIRE 12C(BL) FROM 460V TERMINAL ON TNS1 AND CONNECT TO 400V/575V TERMINAL ON TNS1.

7 WHEN COMM INTERFACE IS INSTALLED, CONNECT CABLE FROM COMM J1 TO RTRM J4. SEE COMM INTERFACE LITERATURE FOR SWITCH SETTINGS. SEE ALSO INSET D.

13 OPTIONAL MAS, RAS, RHS, OHS AND ASSOCIATED WIRING NOT USED WITH MOTORIZED OUTSIDE AIR.

14 CONNECT PPF-5 TO COMM IF PRESENT.OTHERWISE CONNECT TO RTRM.

15 REQUIRED FOR CO2 OR VENTILATION OVERRIDE ACCESSORY.

18 TO DISABLE COMPRESSORS, REMOVE JUMPER AND CONNECT FIELD SUPPLIED CONTROL DEVICE.

19 TO SHUT DOWN THE UNIT FOR EMERGENCY STOP, REMOVE JUMPER AND INSTALL FIELD SUPPLIED DEVICE.

21 TERMINALS MAY NOT BE PRESENT.

22 SEE INSET T FOR DEHUMIDIFICATION HOOKUP.

24 3 STAGE COOLING CONFIG WIRE. CONNECT WIRES 36BY AND 36BZ TO ENABLE 3 STAGE COOLING ONLY ON HIGH EFFICIENCY SHORT ORIFICE UNITS

12 REQUIRED FOR OPTIONAL COMPARATIVE ENTHALPY CONTROL.

⚠ 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 À DISTANCE. PUIS SUIVRE LES PROCÉDURES DE VERROUILLAGE ET DES ÉTIQUETTES AVANT TOUTE INTERVENTION. VÉRIFIER QUE TOUS LES CONDENSATEURS DES MOTEURS SONT DÉCHARGÉS. DANS LE CAS D'UNITÉS COMPORTANT DES ENTRAÎNEMENTS À VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE L'ENTRAÎNEMENT POUR DÉCHARGER LES CONDENSATEURS.

NE PAS RESPECTER CES MESURES DE PRÉCAUTION 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. 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.

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.

PRECAUCIÓN

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'ÉQUIPEMENT.

ATTENTION

¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!

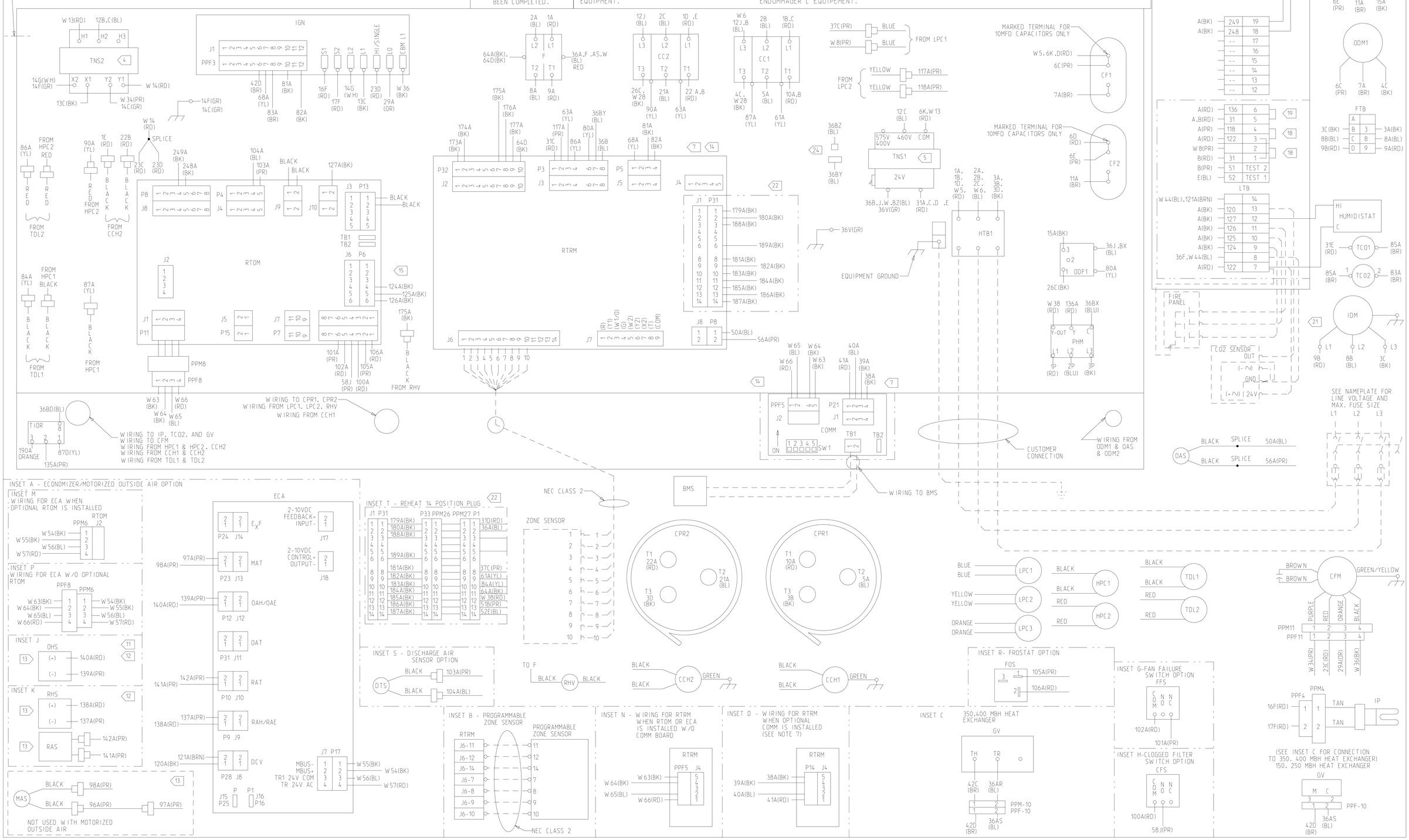
LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.

SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.

IMPORTANT!

DO NOT ENERGIZE UNIT UNTIL CHECK-OUT AND START-UP PROCEDURE HAS BEEN COMPLETED.

TRANE	FILE NUMBER: 2309_3377	DRAWING NUMBER: 2313-0040	SHEET: 1 OF 1	REV B
THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE CONSENT OF TRANE.	DRAWN BY: S.SEIS	TRANE© DATE: 4/14/08	DIAGRAM CONNECTION ELECTRICAL COOLING/GAS HEAT 400-575V YC 151E,181E	
	REPLACES:	REVISION DATE:		
	CAD SYSTEM USED:	SIMILAR TO: 2309-3372		



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