

**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 OUVRIRE LES SECTIONNEURS A DISTANCE, PUIS SUIVRE LES PROCEDURES DE VERROUILLAGE ET DES ETIQUETTES AVANT TOUTE INTERVENTION. VERIFIER QUE TOUTS LES CONDENSATEURS DES MOTEURS SONT DECHARGES. DANS LE CAS D'UNITES COMPORTANT DES ENTRAINEMENTS A VITESSE VARIABLE, SE REPORTER AUX INSTRUCTIONS DE L'ENTRAINEMENT POUR DECHARGER LES CONDENSATEURS.  
NE PAS RESPECTER CES MESURES DE PRECAUTION PEUT ENTRAINER DES BLESSURES GRAVES POUVANT ETRE MORTELLES.

**ADVERTENCIA**  
¡VOLTAJE PELIGROSO!  
DESCONECTE TODA LA ENERGIA ELÉCTRICA, INCLUIDO LAS DESCONECCIONES 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.

- NOTES:
- 1 WIRING SHOWN IS FOR 460V. FOR 575V MOVE ALL WIRES FROM 460V TERMINAL TO 575V TERMINAL.
  - 2 FUSES FUS. FUG, FU30, RELAY XFR AND ASSOCIATED WIRES ARE USED WITH OPTIONAL POWERED EXHAUST ONLY.
  - 3 WIRES 400A (RD) AND 401A (BL) ARE CONNECTED TO FACTORY SUPPLIED DISCONNECT SWITCH.
  - 4 WIRE THE COMMUNICATION WIRES FROM BMS TO TC1/LC1/BC1 TO BOTTOM OF CONTROL BOX. SEE TC1/LC1/BC1 LITERATURE FOR SWITCH SETTINGS.
  - 5 WIRES 35E, 51A, 52A, 53A & 68A ARE USED WITH LOW HEAT ONLY. FOR HIGH HEAT OPTION, THEY ARE REPLACED BY WIRES 35D, 51B, 52B, 53B AND 68B.
  - 6 WIRES 36AL, 201AA, 202V, 250B (G/Y) & 250C (G/Y) ARE USED WITH HIGH HEAT OPTION ONLY.
  - 7 WHEN VARIABLE FREQUENCY DRIVE IS INSTALLED, WIRES 36Y, 161C AND FE2Y ARE NOT PRESENT. SEE INSET B FOR OPTIONAL WIRING.
  - 8 MANUAL BYPASS SWITCH AND WIRES 413A, 414A, 415A OPTIONAL.

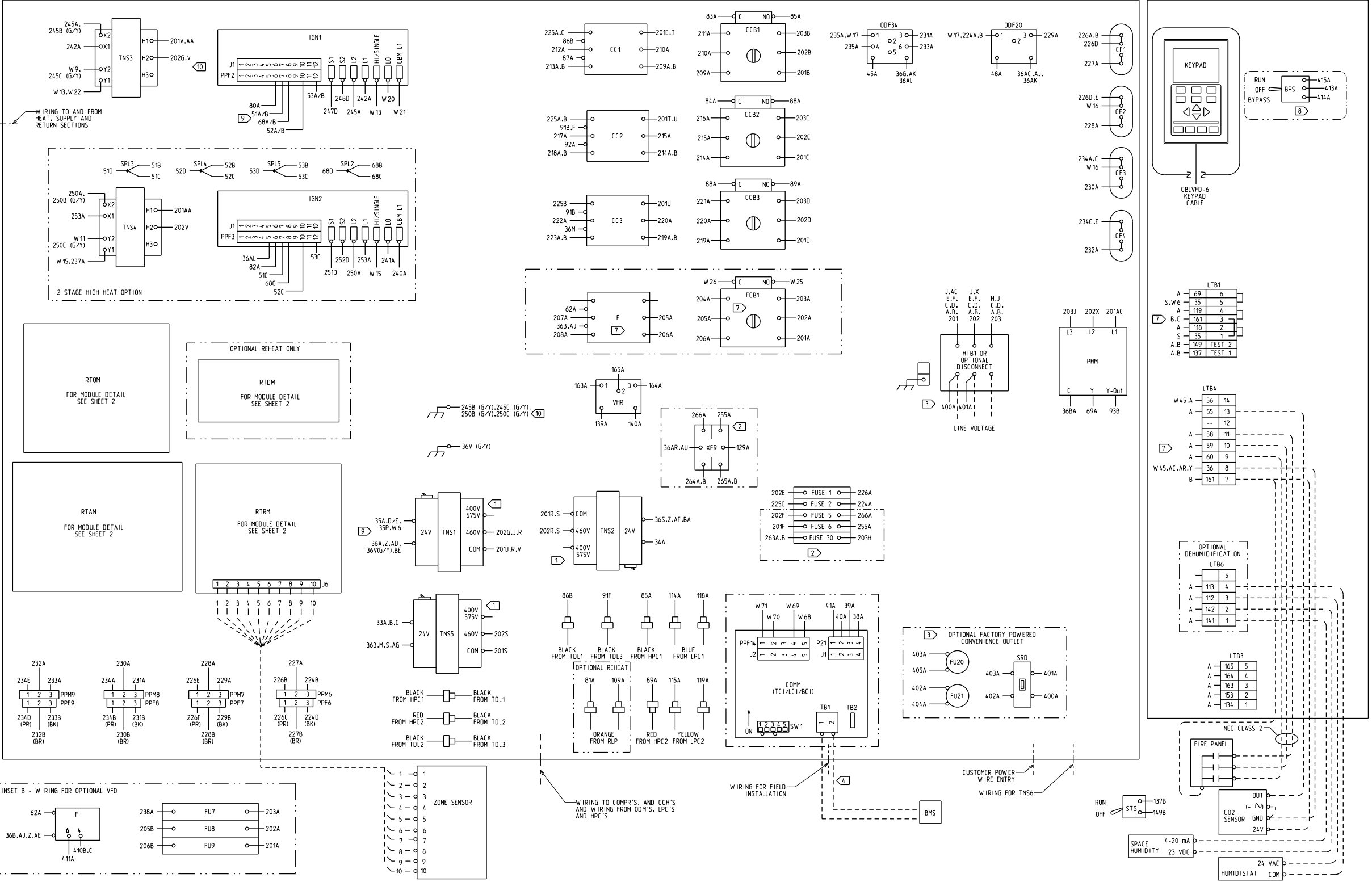
11 X 17 METAL PLATE

TRANE		FILE NUMBER:	DRAWING NUMBER:	SHEET:	REV
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VOYAGER 3					
CONTROL BOX CONNECTION PRINT					
50 TON 380V-575V VARIABLE AIR VOLUME 2 STAGE GAS HEAT					
DRAWN BY:	TRANE DATE:				
B. WALDEN	8/20/09				
REPLACES:	REVISION DATE:				
	14-Jan-10				
CAD SYSTEM USED:	SIMILAR TO:				
PRO/DETAIL					

**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 TIPIOS DE CONDUCTEURS.  
L'UTILISATION DE TOUT AUTRE CONDUCTEUR PEUT ENDOMMAGER L'EQUIPEMENT.

**ATTENTION**  
UTILICE UNICAMENTE CONDUCTORES DE COBRE!  
LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS PARA ACEPTAR OTROS TIPIOS DE CONDUCTORES.  
SI NO LO HACE, PUEDE OCASIONAR DAÑO AL EQUIPO.



LTB1

A	69	6
S.W.6	35	5
A	119	4
B.C	161	3
A	118	2
A	35	1
A.B	169	TEST 2
A.B	137	TEST 1

LTB4

W45.A	56	14
A	55	13
A	--	12
A	58	11
A	59	10
A	60	9
W45.AC.AR.Y	36	8
B	161	7

OPTIONAL DEHUMIDIFICATION

LTB6

A	5	
A	113	4
A	112	3
A	142	2
A	141	1

LTB3

A	165	5
A	164	4
A	163	3
A	153	2
A	134	1

