

NOTICE

USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT
OTHER TYPES OF CONDUCTORS.
FAILURE TO DO THE ABOVE COULD RESULT IN
EQUIPMENT DAMAGE.

AVIS

N'UTILISER QUE DES CONDUCTEURS EN CUIVRE
LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES
POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.
FAIRE DÉFAUT À LA PROCÉDURE CI-DESSUS PEUT
ENTRAÎNER DES DOMMAGES À L'ÉQUIPEMENT.

AVISO

UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!
LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS
PARA ACEPTAR OTROS TIPOS DE CONDUCTORES.
NO SEGUIR LAS INSTRUCCIONES ANTERIORES PUEDE
PROVOCAR DAÑOS EN EL 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 PROCÉDURES DE
VERROUILLAGE ET DES ÉTIQUETTES AVANT
TOUTE INTERVENTION. VÉRIFIER QUE TOUTS
LES CONDENSATEURS DES MOTEURS SONT
DÉCHARGÉS. DANS LE CAS D'UNITÉS
COMPORTANT DES ENTRAÎNEMENTS A
VITESSE VARIABLE, SE REPORTER AUX
INSTRUCTIONS DE L'ENTRAÎNEMENT POUR
DÉCHARGER LES CONDENSATEURS.

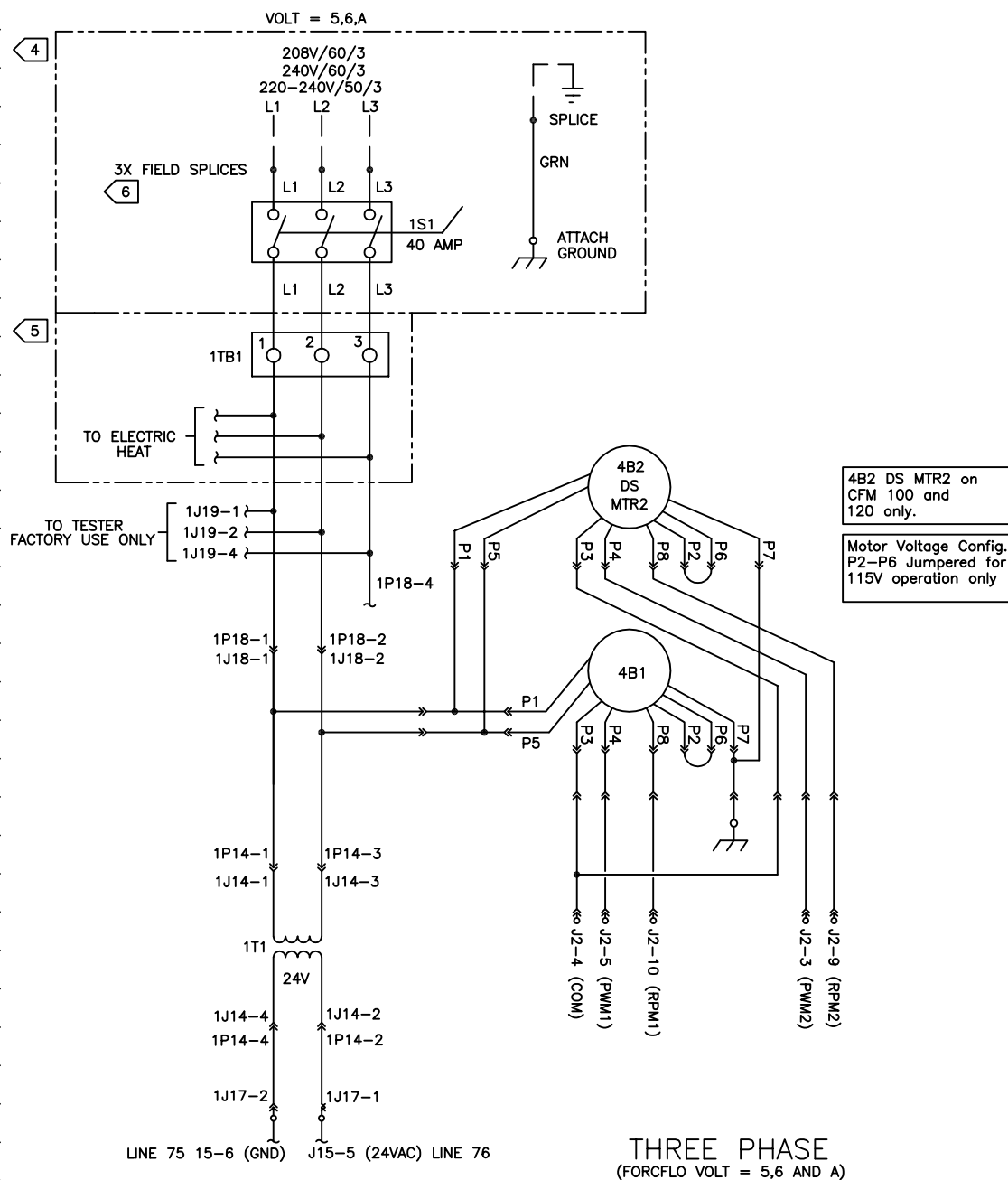
NE PAS RESPECTER CES MESURES DE PRÉCAUTION PEUT ENTRAÎNER DES BLESSURES GRAVES POUVANT ÊTRE MORTELLES.

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.

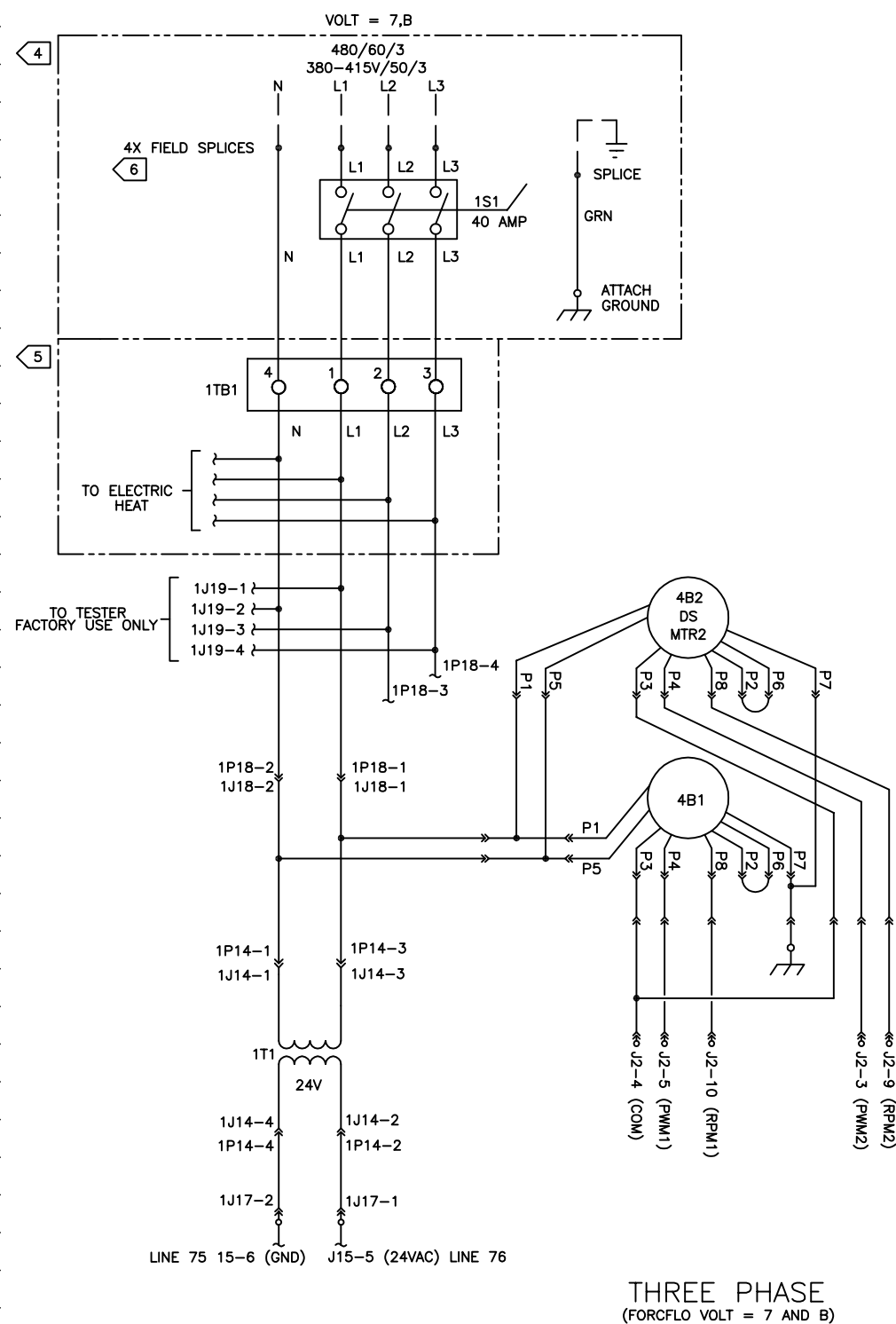
EL NO REALIZAR LO ANTERIORMENTE
INDICADO, PODRÍA OCASIONAR LA MUERTE
O SERIAS LESIONES PERSONALES.



4B2 DS MTR2 on
CFM 100 and
120 only.

Motor Voltage Config.
P2-P6 Jumpered for
115V operation only

THREE PHASE
(FORCFLO VOLT = 5,6 AND A)



4B2 DS MTR2 on
CFM 100 and
120 only.

Motor Voltage Config.
P2-P6 Jumpered for
115V operation only

DEVICE	PREFIX	LOCATION	CODE
AREA	LOCATION		
1	CONTROL PANEL		
2	CONTROL END		
3	PIPING END		
4	FAN SECTION		
5	COIL SECTION		
6	CUSTOMER INSTALLED		
7	FIELD SUPPLIED DEVICE		

VOLTAGE SELECTION		
DIGIT	DIGIT VALUE	DESCRIPTION
VOLT	1	115V/60HZ/1PH
VOLT	2	208V/60HZ/1PH
VOLT	3	277V/60HZ/1PH
VOLT	4	230V/60HZ/1PH
VOLT	5	208V/60HZ/3PH
VOLT	6	230V/60HZ/3PH
VOLT	7	480V/60HZ/3PH
VOLT	9	220-240/50/1
VOLT	A	220-240/50/3
VOLT	B	380-415/50/3

LEGEND		
DEVICE	DESCRIPTION	LINE NUMBER
VOLTAGE = 1,3 AND 9		
1S1	DISCONNECT SWITCH	8
1TB1	EH TERMINAL BLOCK	11
4B2	MOTOR 2	15
4B1	MOTOR 1	20
1T1	TRANSFORMER	27
VOLTAGE = 2 AND 4		
1S1	DISCONNECT SWITCH	41
1TB1	EH TERMINAL BLOCK	44,45
4B2	FAN MOTOR 2	51
4B1	FAN MOTOR 1	56
1T1	TRANSFORMER	63

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 NORMAL SHUTDOWN HAS OCCURED.
2. DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. SOLID LINES INDICATE WIRING BY TRANE CO.
3. ALL FIELD WIRING MUST BE IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE (NEC) STATE AND LOCAL REQUIREMENTS.
4. WIRING SHOWN IS FOR UNITS WHEN SWCH=D (WITH DISCONNECT SWITCH). UNITS WITHOUT DISCONNECT SWITCH (SWCH=0) OMIT SWITCH AND REPLACE WITH SPLICE.
5. 1TB1 ONLY PRESENT IF UNIT HAS ELECTRIC HEAT. ADDITIONAL ELECTRIC HEAT WIRING SHOWN ON SHEETS 23114699 THRU 23114714.
6. SPLICE END LOCATED IN JUNCTION BOX.

REVISED	NAME	A
REVISION DATE	2311-4673	
DRAWN BY	SCHEMATIC DIAGRAM	
DATE	FORCETO UC400-B	
DATE	HIGH VOLTAGE SCHEMATIC	
DATE	THREE PHASE	
DATE	UC400B CONTROLLER	