

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 À 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 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
¡VOLTAGE 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 VOLTAGE 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.

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 DESIGNATION	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	43,45
4B2	FAN MOTOR 2	51
4B1	FAN MOTOR 1	57
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 OCCURRED.

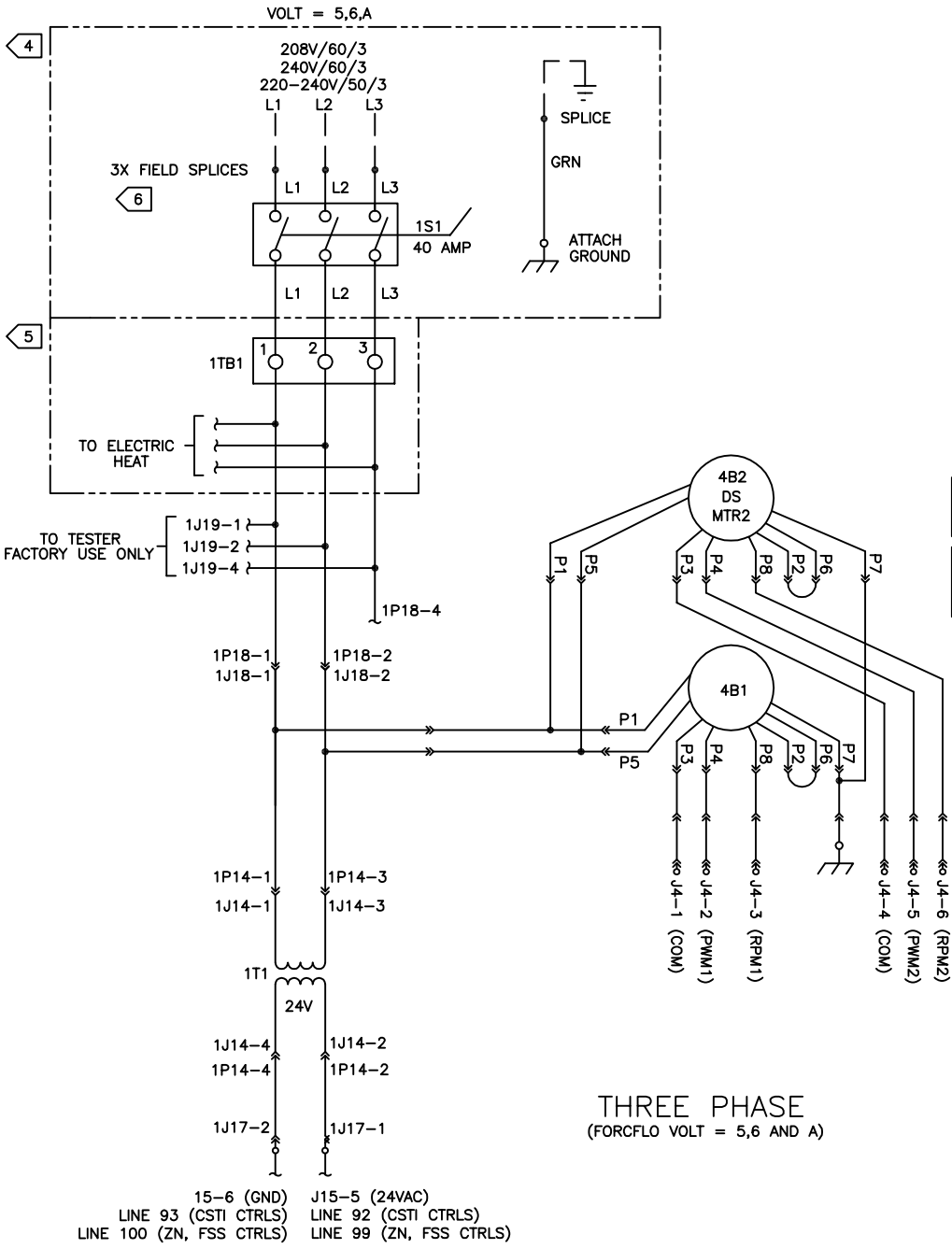
2. DASHED LINES INDICATE RECOMMENDED FIELD WIRING BY OTHERS. DASHED LINE ENCLOSURES AND/OR DASHED DEVICE OUTLINES INDICATE COMPONENTS PROVIDED BY THE FIELD. PHANTOM LINE ENCLOSURES INDICATE ALTERNATE CIRCUITRY OR AVAILABLE SALES OPTIONS. SOLID LINES INDICATE WIRING BY TRANE CO.

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.

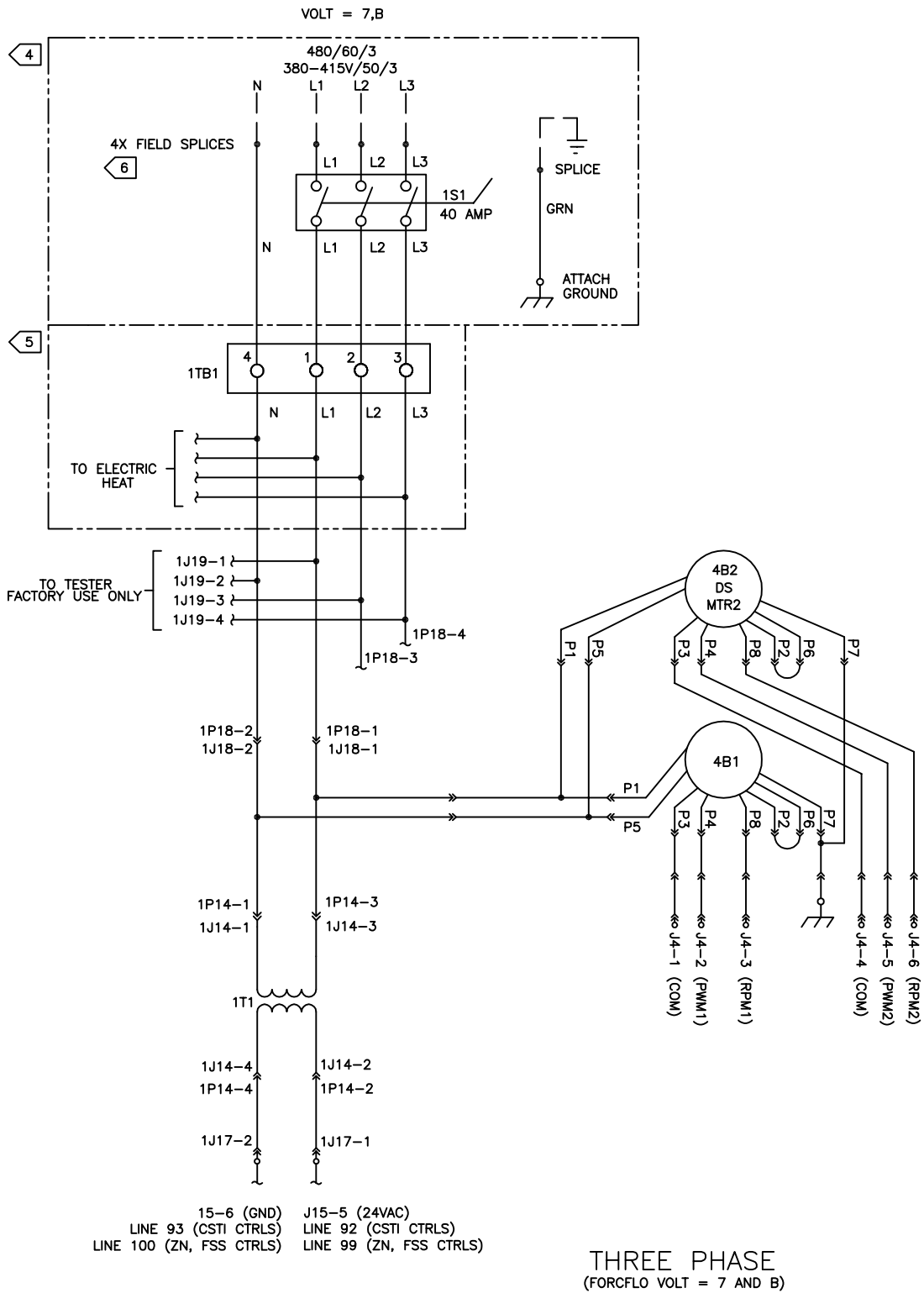
6. SPLICE END LOCATED IN JUNCTION BOX.

REPLACES	1 PAGE	2311-4666	REV
REVISION DATE	THE WIRING IS BASED ON THE TRANE 2017 FIELD WIRING GUIDE, WHICH IS THE PROPERTY OF THE TRANE COMPANY. © TRANE		
DRAWN BY			
JOBY GRIMES			
DATE 12-APRIL-2017	SHALL BE TO	SCHHEMATIC DIAGRAM FORCFO HIGH VOLTAGE SCHEMATIC ZN, CSTI AND FSS CONTROLS	A



4B2 DS MTR2 on CFM 100 and 120 only.

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



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