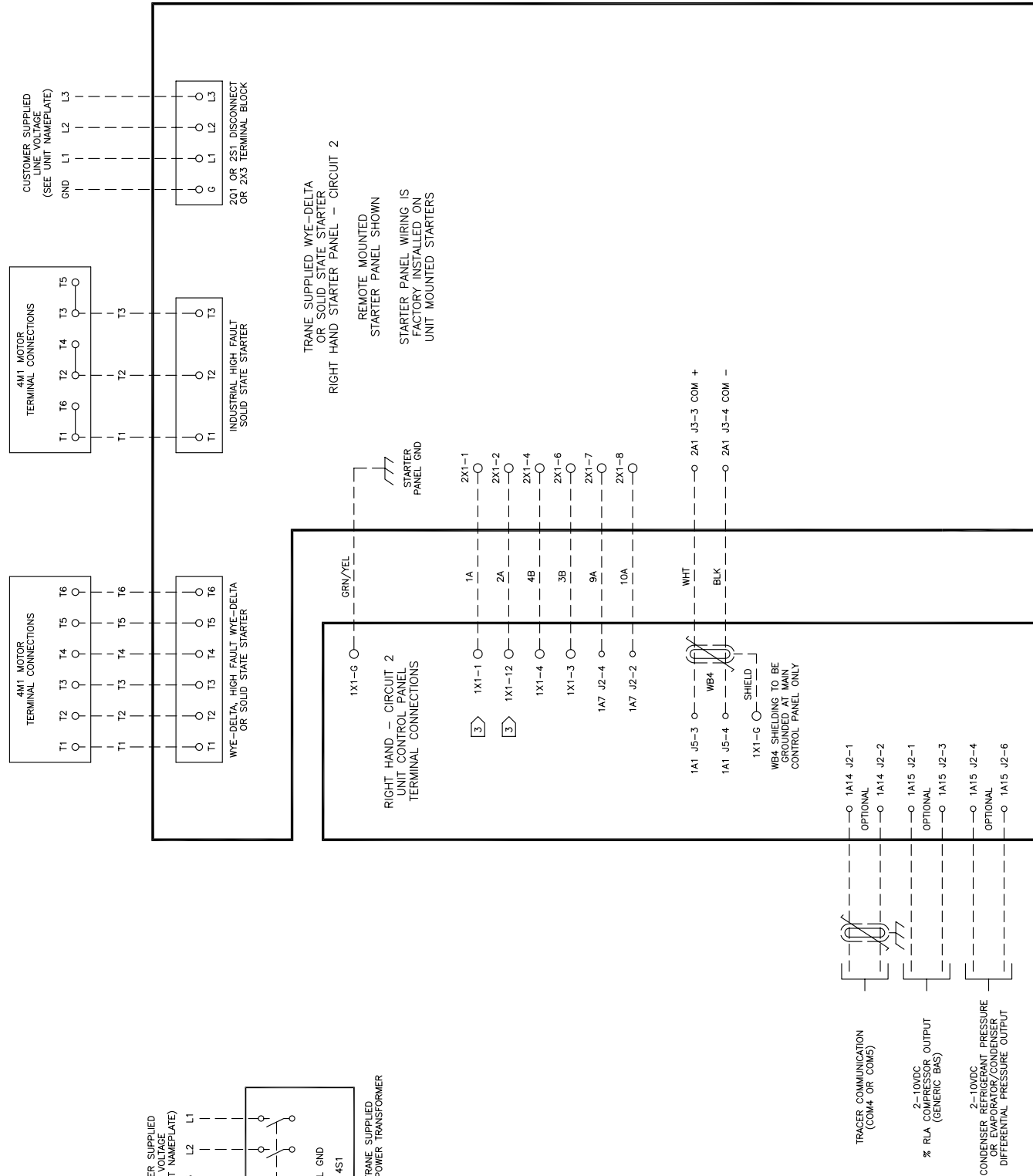
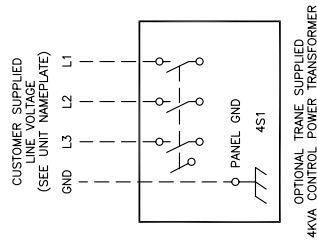






| WIRE NO OR DEVICE            | FIELD WIRING CIRCUIT SELECTION INFORMATION                                       |
|------------------------------|----------------------------------------------------------------------------------|
| SUPPLY AND MOTOR LEADS       | SEE NAMEPLATE; MINIMUM CIRCUIT AMPACITY                                          |
| 1A*                          | 4000VA AT 115VAC, 8 AWG MAX WIRE SIZE                                            |
| 2A* AND GRN/YEL              | 4000VA AT 115VAC, 8 AWG MAX WIRE SIZE (WITHOUT OPTIONAL CPTR)                    |
| 2A* AND GRN/YEL              | CIRCUIT PROTECTED AT 20A, 115VAC 1PH, 10 AWG MAX WIRE SIZE (WITH OPTIONAL CPTR)  |
| 9A* AND 10A*                 | PUMP MOTOR; 1PH 3/4 HP, 11.7' FULL LOAD AMPS AT 115VAC, 14 AWG MAX WIRE SIZE.    |
| WB4                          | TWISTED, SHIELDED PAIR, 30VDC, MAX LENGTH 1500 FT (BELDEN TYPE 8760 RECOMMENDED) |
| 3B* AND 4B*                  | CIRCUIT PROTECTED AT 20A, 115VAC 1PH, 10 AWG MAX WIRE SIZE                       |
| ALL REMAINING LUID TERMINALS | CIRCUIT RATING; 2.88A INDUCTIVE, 1/3 HP, 0.25KW AT 115VAC, 14WG MAX WIRE SIZE.   |

\* TAPPED CONTROL CONDUCTORS

## NOTES:

1. DASHED LINES INDICATE FIELD WIRING BY OTHERS. WIRE NUMBERS SHOWN ARE RECOMMENDED BY TRANE. REFER TO THE AS-BUILT SCHEMATIC DIAGRAM TO DETERMINE WHICH OPTIONS ARE PRESENT ON THE UNIT.
2. DO NOT ROUTE LOW VOLTAGE (30V) WITH CONTROL VOLTAGE (115V) AND DO NOT POWER UNIT UNTIL CHECK-OUT AND START-UP PROCEDURES HAVE BEEN COMPLETED.

3 STANDARD WIRING SHOWN. WHEN CONTROL POWER TRANSFORMER (CPTX OPTION) IS PRESENT, WIRE 1A IS NOT REQUIRED AND WIRE 2A CONNECTS TO 1X1-13 INSTEAD OF 1X1-12. REFER TO THE FIELD WIRING CIRCUIT SELECTION CHART FOR PROPER WIRE SIZING.

**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 OUVRI-  
RE 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 ENTRAÎNEMENTS  
A VITESSE VARIABLE, SE REPORTER AUX  
INSTRUCTIONS DE L'ENTRAÎNEMENT POUR  
DECHARGER LES CONDENSATEURS.

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

**¡VOLTAJE PELIGROSO!**  
DESCONECTE TODA LA ENERGÍA ELÉCTRICA, INCLUIDO 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, PODRIA 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.

## ATTENTION

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.

## 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.

|                                                                                                                                                       |  |                                                                                                           |  |                           |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------|--|---------------------------|-----------------|
| <b>TRANE</b><br><small>AIR CONDITIONING &amp; HEATING EQUIPMENT</small>                                                                               |  | <b>2311-0552</b>                                                                                          |  | <b>SHEET</b><br>2 OF 2    | <b>REV</b><br>A |
| <small>THIS DRAWING IS UNCLASSIFIED AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF TRANE</small> |  |                                                                                                           |  |                           |                 |
| <b>DRAWN BY:</b> R. DUSK                                                                                                                              |  | <b>DATE:</b> 06 AUG 2007                                                                                  |  | <b>CONNECTION DIAGRAM</b> |                 |
| <b>REPLACES:</b>                                                                                                                                      |  | <b>UNIT FIELD WIRING</b>                                                                                  |  |                           |                 |
| <b>REVISION DATE:</b>                                                                                                                                 |  | <b>TRANE SUPPLIED</b>                                                                                     |  |                           |                 |
| <b>SIMILAR TO:</b> 2309-2170                                                                                                                          |  | <b>WYE-Delta OR Solid STATE STARTER</b><br><b>RIGHT HAND DUPLEX - CIRCUIT 2</b><br><b>CDHF-CDHG UNITS</b> |  |                           |                 |

DEVICE PREFIX CODE

|   |   |                                |
|---|---|--------------------------------|
| 1 | = | MAIN UNIT CONTROL PANEL DEVICE |
| 2 | = | REMOTE MOUNTED DEVICE          |
| 4 | = | UNIT MOUNTED DEVICE            |
| 5 | = | CUSTOMER PROVIDED DEVICE       |