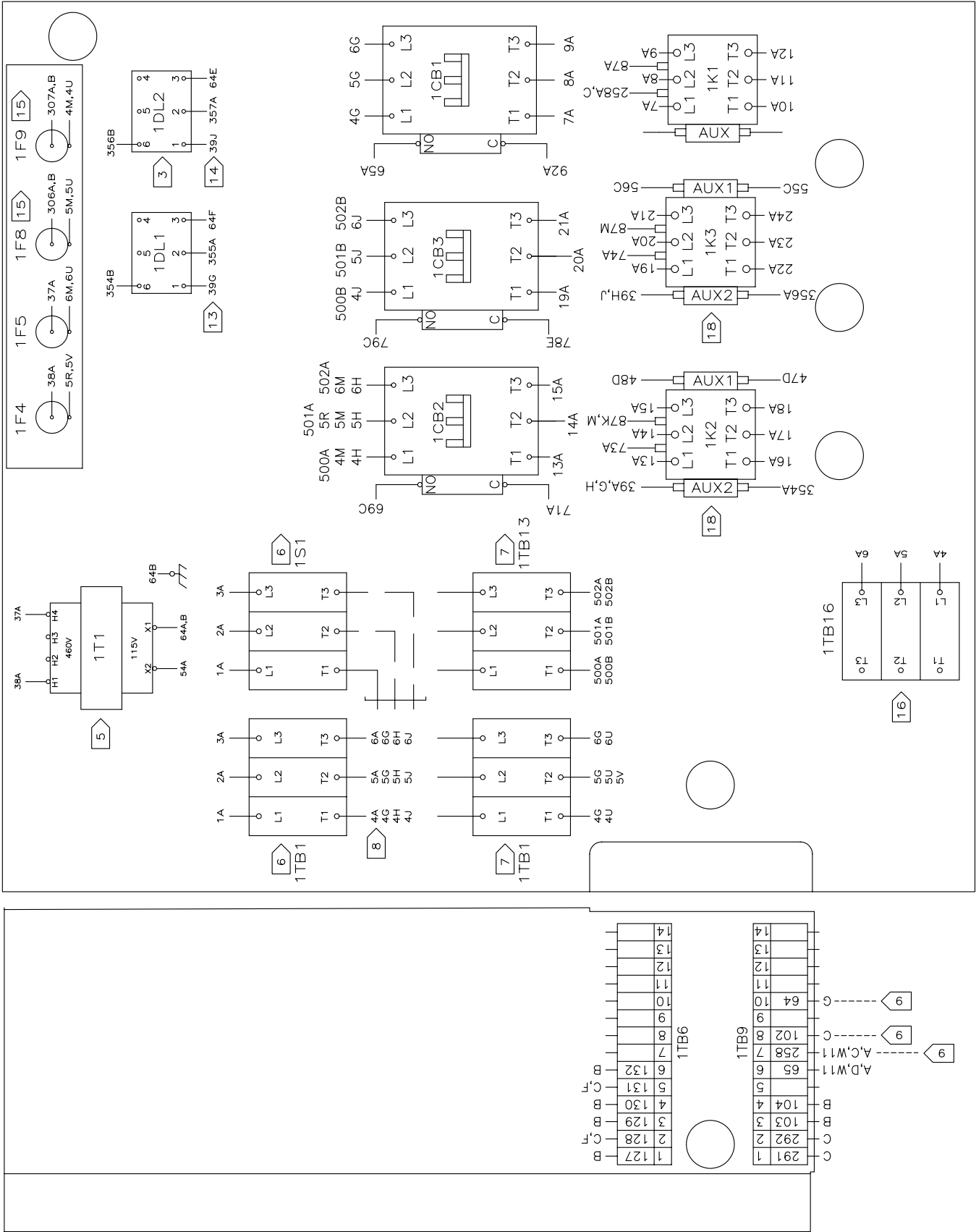
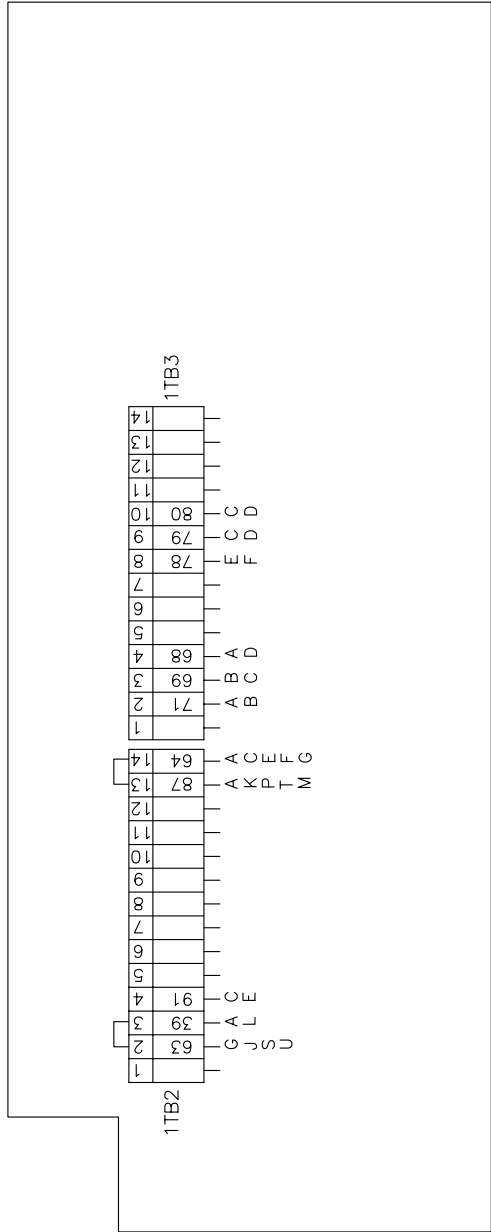




ECN SC5404
27-NOV-07
J. MEYER

THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF TRANE
DRAWN BY: S. ALLEN © TRANE DATE: 04-15-99

DO NOT SCALE PRINT

THIRD ANGLE PROJECTION

2307-8286

SHEET 2 OF 4
D

CONNECTION DIAGRAM
COMMERCIAL SELF-CONTAINED
BOTTOM PANEL W/O VFD
200V, 460, 575V/60HZ/3PH

SCWG 20-35 TON & SCRG 20-32 TON

⚠ WARNING

HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER.
DISCONNECT ALL ELECTRICAL WIRING.
FOLLOW LOCK OUT AND TAG PROCEDURES
BEFORE SERVICING. INSURE THAT ALL
STORAGE CAPACITORS HAVE BEEN
DISCHARGED. SERVICING OF ANY
SPEED DRIVE, REFER TO DRIVE
INSTRUCTIONS FOR CAPACITOR DISCHARGE.
FAILURE TO DO THE ABOVE BEFORE
SERVICING MAY CAUSE DEATH OR
SERIOUS INJURY.

⚠ AVERTISSEMENT

TENSION DANGEREUSE!
COUPER TOUTES LES TENSIONS ET
POUR LES SECTIONNEURS A DISTANCE,
POUR LES SECTIONNEURS A DISTANCE,
VERROUILLAGE ET DES ETIQUETTES AVANT
TOUTE INTERVENTION. VERIFIER QUE TOUTES
LES CAPACITES DES CONDENSATEURS SONT
DECHARGES DANS LE CAS D'UNITES
COMPORTANT DES ENTRAÎNEMENTS A
VITESSE VARIABLE. SE REPORTER AUX
INSTRUCTIONS POUR LE CONDENSATEUR
POUR LE CONDENSATEUR. NE PAS
PRECAUTION PEUT ENTRAINER DES
BLESSES MORTELLES.

⚠ ADVERTENCIA

¡VOLTAJE PELIGROSO!
DESCONECTE TODA LA ENERGÍA ELÉCTRICA.
INCLUIDO LAS DESCONEXIONES
REMOTAS Y
ETIQUETADO ANTES DE PROCEDER AL
SERVICIO. ASEGÚRESE DE QUE TODOS
LOS CAPACITORES DEL MOTOR HAYAN
SIDO DESCARGADOS EN EL CASO DE
PARA LAS UNIDADES CON EJE DE
DIRECCIÓN DE VELOCIDAD VARIABLE.
CONSULTAR LAS INSTRUCCIONES PARA LA
DESCARGA DEL CONDENSADOR.
EL NO REALIZAR LO ANTERIORMENTE
INDICADO, PODRÍA OCASIONAR LA MUERTE
O SERIAS LESIONES PERSONALES.

NOTICE

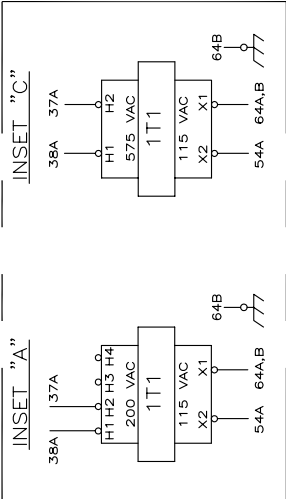
USE COPPER CONDUCTORS ONLY!
FAILURE TO DO THE ABOVE COULD RESULT IN
EQUIPMENT DAMAGE.

AVIS

N'UTILISER QUE DES CONDUCTEURS EN CUIVRE!
LES BORNES DE L'UNITÉ NE SONT PAS CONÇUES
POUR RECEVOIR D'AUTRES TYPES DE CONDUCTEURS.
L'UTILISATION D'AUTRES TYPES DE CONDUCTEURS
PEUT ENTRAINER DES DOMMAGES À L'ÉQUIPEMENT.

AVISO

¡UTILICE ÚNICAMENTE CONDUCTORES DE COBRE!
LAS TERMINALES DE LA UNIDAD NO ESTÁN DISEÑADAS
PARA RECIBIR OTROS TIPOS DE CONDUCTORES.
NO SEGUIR LAS INSTRUCCIONES ANTERIORES PUEDE
PROVOCAR DAÑOS EN EL EQUIPO.



- NOTES:
- 3 ONLY USED ON AIR COOLED UNITS.
 - 5 CONNECTIONS SHOWN TO TRANSFORMER 1T1 ARE FOR 460V OPERATION. SEE INSET "A" FOR 200V. SEE INSET "C" 575V.
 - 6 SINGLE POINT POWER ONLY, WITH DISCONNECT SWITCH OPTION.
 - 7 DUAL POINT POWER ONLY
 - 8 WIRES 4A, 5A, AND 6A FOR ELECTRIC HEAT OPTION ONLY
 - 9 FIELD WIRING FOR ELECTRIC HEAT/ELECTRIC HEAT INTERFACE OPTION MUST BE RATED FOR 115V CONTROL CIRCUIT AND SIZED FOR 14 AWG.
 - 13 1DL1 COIL WIRE IS 63V ON 20,25, & 29 TON AIR COOLED MANIFOLDED & AIR COOLED INDEPENDENT UNITS. 1DL1 COIL WIRE IS 63V ON 30,35,40,45, & 60 TON AIR COOLED MANIFOLDED UNITS.
 - 14 1DL2 COIL WIRE IS 63V ON 20,25 & 29 TON AIR COOLED MANIFOLDED & AIR COOLED INDEPENDENT UNITS. 1DL2 COIL WIRE IS 63V ON 35-80 TON WATER COOLED MANIFOLDED UNITS.
 - 15 308A, 307A: TO BE CONNECTED TO THE FUSES BY THE INSTALLER.
 - 16 1KB2 ONLY USED ON UNITS WITH ELECTRIC HEAT.
 - 18 1K2-AUX2, 1K3-AUX2 ONLY USED ON AIR COOLED UNITS.