

NOTES:

1 WIRING SHOWN IS FOR 460V. FOR 575V MOVE ALL WIRES FROM 460V TERMINAL TO 575V TERMINAL.

9 WIRING SHOWN FOR F CONTACTOR AND FCB1 IS FOR VAV ALL UNITS. EXCEPT THOSE WITH VFD. WHEN VARIABLE FREQUENCY DRIVE IS INSTALLED SEE INSET B.

10 WIRING SHOWN IS FOR OPTIONAL COMMUNICATION INTERFACE. COMMUNICATION WIRES FROM BMS TO TC1/LC1 ARE TO BE WIRE TIED TO BOTTOM OF THE CONTROL BOX. SEE TC1/LC1 LITERATURE FOR SWITCH SETTINGS.

11 FUSE FU20, FU21 AND SWITCH SRD ARE USED FOR OPTIONAL FACTORY POWER CONVENIENCE OUTLET. WIRES 400A(RD) AND 401A(BL) ARE CONNECTED TO FACTORY SUPPLIED DISCONNECT SWITCH.

12 MANUAL BYPASS SWITCH AND WIRES 410C, 413A, 414A, 415A OPTIONAL.

6 FUSE FUS.FU6.FU30.RELAY XFR AND ASSOCIATED WIRES ARE ONLY USED WITH POWER EXHAUST OPTION.

11 X 17 METAL PLATE

TRANE

THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE CONSENT OF TRANE.

DRAWN BY:

D. GOUTAM

TRANE® DATE:

11-30-07

REPLACES:

REVISION DATE:

CAD SYSTEM USED:

PRO-E

SIMILAR TO:

2307-9082

FILE NUMBER:
2309-3485DRAWING NUMBER:
2309-3513SHEET:
1 OF 1REV
A

VOYAGER 3

CONTROL BOX CONNECTION FOR
TE 27.5-35 TON 90KW 460/575 VOLT
VARIABLE AIR VOLUME

IMPORTANT!

DO NOT ENERGIZE UNIT
UNTIL CHECK-OUT AND
START-UP PROCEDURE HAS
BEEN COMPLETED.

WARNING

HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER,
INCLUDING REMOTE DISCONNECTS,
BEFORE SERVICING.

FAILURE TO DISCONNECT POWER
BEFORE SERVICING CAN CAUSE
SEVERE PERSONAL INJURY OR
DEATH.

AVERTISSEMENT

VOLTAGE HASARDEUX!
DECONNECTEZ TOUTES LES SOURCES
ELECTRIQUES INCLUANT LES DISJONCTEURS
SITUES A DISTANCE AVANT D'EFFECTUER
L'ENTRETIEN.

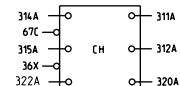
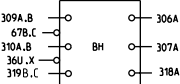
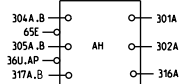
FAUTE DE DECONNECTER LA SOURCE
ELECTRIQUE AVANT D'EFFECTUER
L'ENTRETIEN PEUT ENTRAÎNER DES BLESSURES
CORPORELLES SEVERES OU LA MORT.

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.

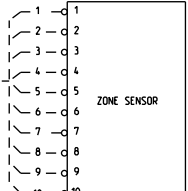
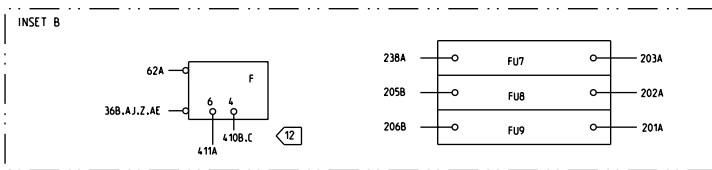
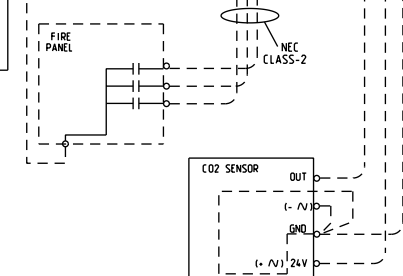
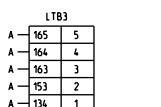
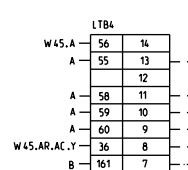
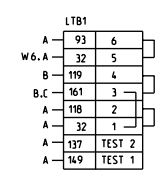
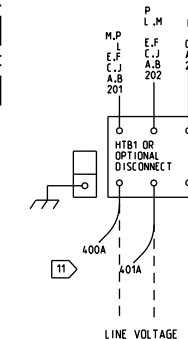
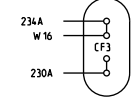
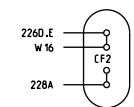
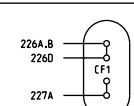
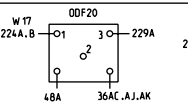
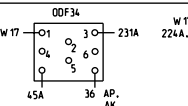
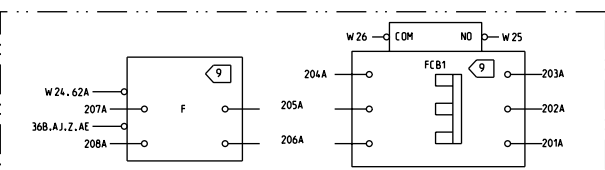
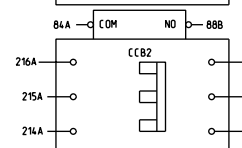
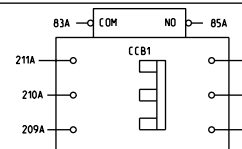
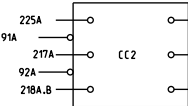
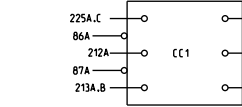
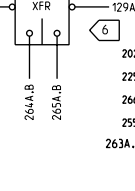
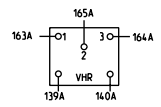
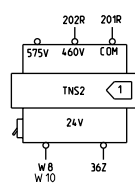
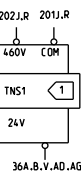
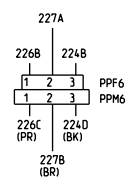
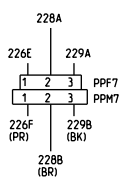
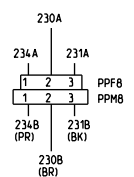
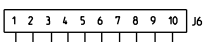
WIRING TO AND FROM HEAT
SUPPLY AND RETURN SECTIONS



RTOM
FOR MODULE DETAIL
SEE SHEET 2

RTAM
FOR MODULE DETAIL
SEE SHEET 2

RTRM
FOR MODULE DETAIL
SEE SHEET 2



WIRING TO COMPRESSORS, CCH'S AND
WTL'S AND WIRING FROM ODM'S,
LPC'S AND HPC'S

WIRING FOR FIELD INSTALLATION

CUSTOMER POWER WIRE ENTRY

TNS6

