

NOTES:

1 WIRING SHOWN IS FOR 460V. FOR 575V MOVE ALL WIRES FROM 460V TERMINAL TO 575V TERMINAL ON TNS1 & TNS7.

2 WIRING SHOWN IS FOR 460V. FOR 575V MOVE ALL WIRES FROM 460V TERMINAL TO 575V TERMINAL ON TNS2.

8 FUSE FU5, FU6, FU30, RELAY XFR, AND ASSOCIATED WIRES ARE ONLY USED WITH POWER EXHAUST OPTION.

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

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

11 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.

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

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.

PRECAUCIÓN

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.

ATTENTION

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.

TRANE

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DRAWN BY:
D. SHANNON

TRANE® DATE:
9-11-08

REPLACES:

REVISION DATE:
1-12-09

CAD SYSTEM USED:
PRO-E

SIMILAR TO:
2309-3480

FILE NUMBER:
2313-0127

DRAWING NUMBER:
2313-0163

SHEET:
1 OF 1

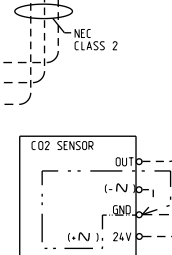
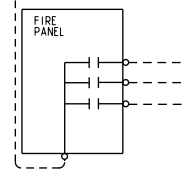
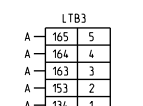
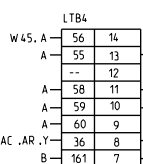
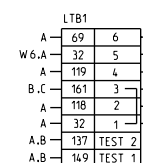
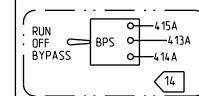
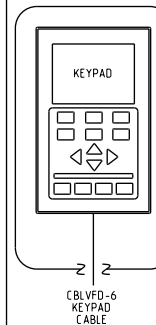
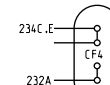
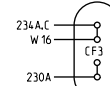
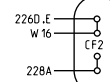
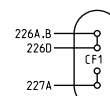
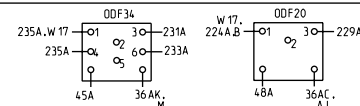
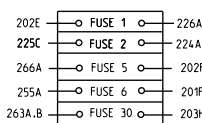
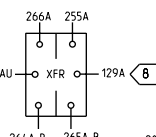
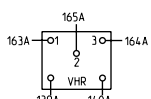
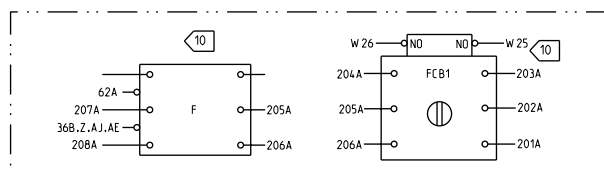
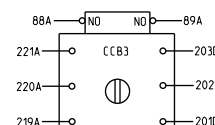
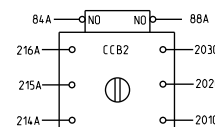
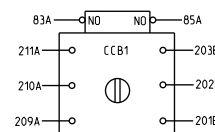
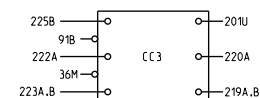
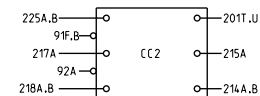
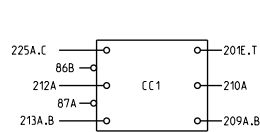
REV
C

VOYAGER 3
CONTROL BOX CONNECTION
TC 50 TON 460/575 VOLT
VARIABLE AIR VOLUME

METAL PLATE 11 X 17

IMPORTANT!

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

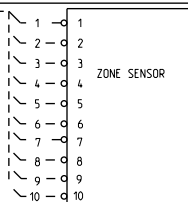
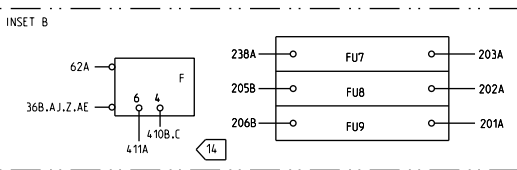
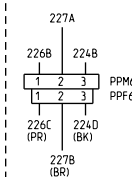
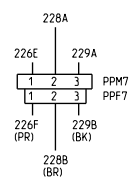
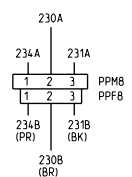
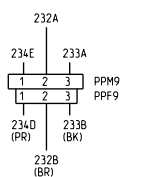


WIRING TO AND FROM
SUPPLY AND RETURN SECTION

RTOM
FOR MODULE DETAIL
SEE SHEET 2

RTAM
FOR MODULE DETAIL
SEE SHEET 2

RTRM
FOR MODULE DETAIL
SEE SHEET 2



WIRING TO COMPR'S, CEH'S AND TDL'S
AND WIRING FROM ODM'S, CPC'S
AND HPC'S

WIRING FOR FIELD
INSTALLATION

CUSTOMER POWER
WIRE ENTRY

TO TNS6