

NOTES:

1 WIRING SHOWN IS FOR 230V. FOR 208V MOVE ALL WIRES FROM 230V TERMINAL TO 208V TERMINAL ON TNS1 & TNS7.

2 WIRING SHOWN IS FOR 230V. FOR 208V MOVE ALL WIRES FROM 230V TERMINAL TO 208V TERMINAL ON TNS2.

3 WIRING SHOWN IS FOR 230V. FOR 208V MOVE ALL WIRES FROM 230V TERMINAL TO 208V TERMINAL ON TNS5.

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:

2309-3471

FILE NUMBER:

2313-0127

DRAWING NUMBER:

2313-0153

SHEET:

1 OF 1

REV

C

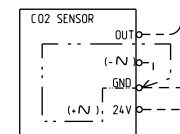
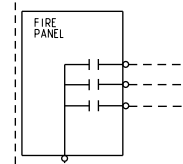
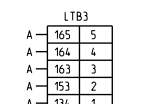
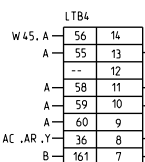
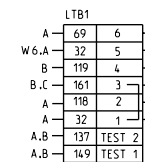
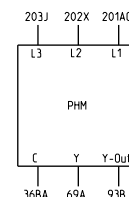
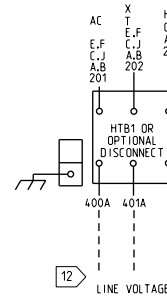
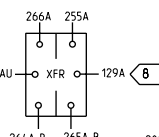
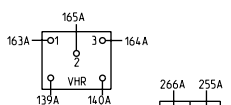
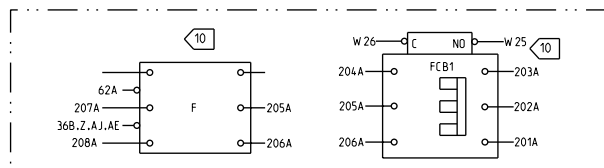
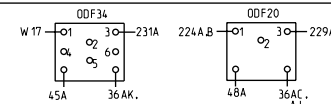
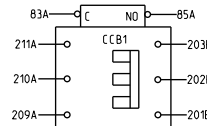
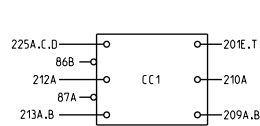
VOYAGER 3

CONTROL BOX CONNECTION
TC 27.5-30 TON 208-230 VOLT
VARIABLE AIR VOLUME

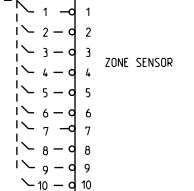
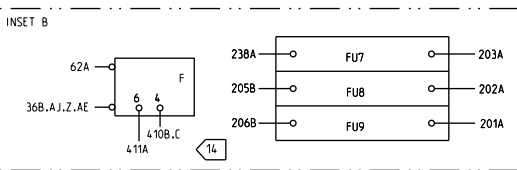
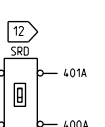
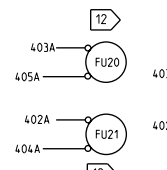
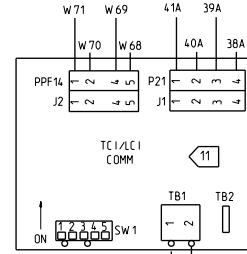
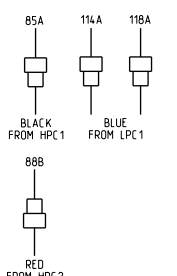
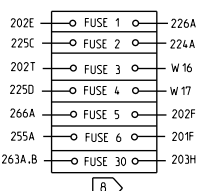
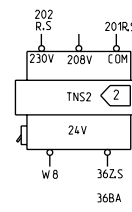
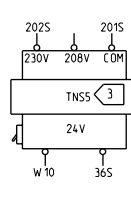
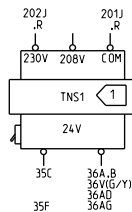
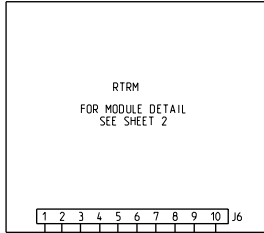
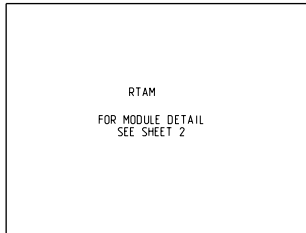
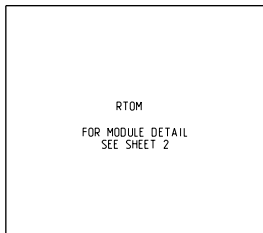
METAL PLATE 11 X 17

IMPORTANT!

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



WIRING TO AND FROM
SUPPLY AND RETURN SECTION



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