

NOTES:

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

- 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.

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

METAL PLATE 11 X 17

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. GOUTAMTRANE® DATE:
11-30-07

REPLACES:

REVISION DATE:

CAD SYSTEM USED:

SIMILAR TO:
2307-4697FILE NUMBER:
2309-3453DRAWING NUMBER:
2309-3471SHEET:
1 OF 1REV
AVOYAGER 3
CONTROL BOX CONNECTION FOR
TC 27.5-30 TON 208-230 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!

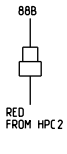
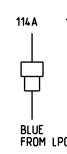
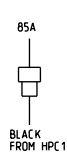
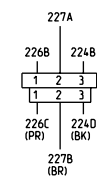
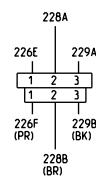
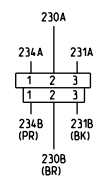
DECONNECTEZ TOUTES LES SOURCES
ELECTRIQUES INCLUANT LES DISJONCTEURS
SITUÉS A DISTANCE AVANT D'EFFECTUER
L'ENTRETIEN.FAUTE DE DECONNECTER LA SOURCE
ELECTRIQUE AVANT D'EFFECTUER
L'ENTRETIEN PEUT ENTRAÎNER DES BLESSURES
CORPORELLES SEVERES OU LA MORT.

CAUTION

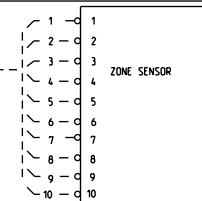
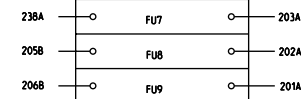
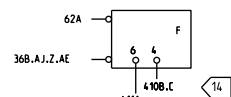
USE COPPER CONDUCTORS ONLY!

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
SUPPLY AND RETURN SECTIONRTOM
FOR MODULE DETAIL
SEE SHEET 2RTAM
FOR MODULE DETAIL
SEE SHEET 2RTRM
FOR MODULE DETAIL
SEE SHEET 2

1 2 3 4 5 6 7 8 9 10 J6



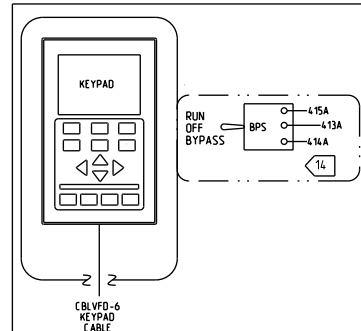
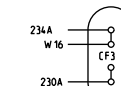
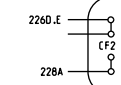
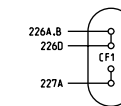
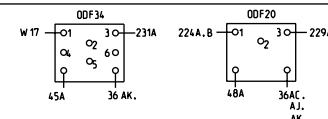
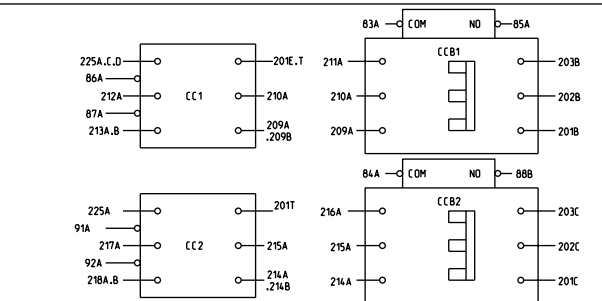
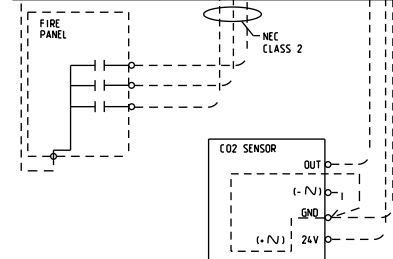
INSET B

WIRING TO COMPR'S, CCH'S AND WTL'S
AND WIRING FROM ODM'S, CPC'S
AND HPC'SWIRING FOR FIELD
INSTALLATION

BMS

CUSTOMER POWER
WIRE ENTRY

TO TNS6



LTB1	
A	93 6
W6.A	32 5
B	119 4
A,B,C	161 3
A	118 2
A	32 1
A	137 TEST 2
A	149 TEST 1

LTB4	
W45.A	56 14
A	55 13
--	12
A	58 11
A	59 10
A	60 9
W45.AC	36 8
AR.Y	36 8
B	161 7

LTB3	
A	165 5
A	164 4
A	163 3
A	153 2
A	134 1