

NOTES:

- 1 WIRING SHOWN IS FOR 460V. FOR 575V MOVE ALL WIRES FROM 460V TERMINAL TO 575V TERMINAL ON TNS1.
- 2 WIRING SHOWN IS FOR 460V. FOR 575V MOVE ALL WIRES FROM 460V TERMINAL TO 575V TERMINAL ON TNS2.

- 8 FUSE FUS. 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		FILE NUMBER:	2309-3453	DRAWING NUMBER:	2309-3478	SHEET:	1 OF 1	REV:	A
DRAWN BY:		D. GOUTAM		TRANE DATE:		11-30-07			
REPLACES:				REVISION DATE:					
CAD SYSTEM USED:				SIMILAR TO:		2307-904B			

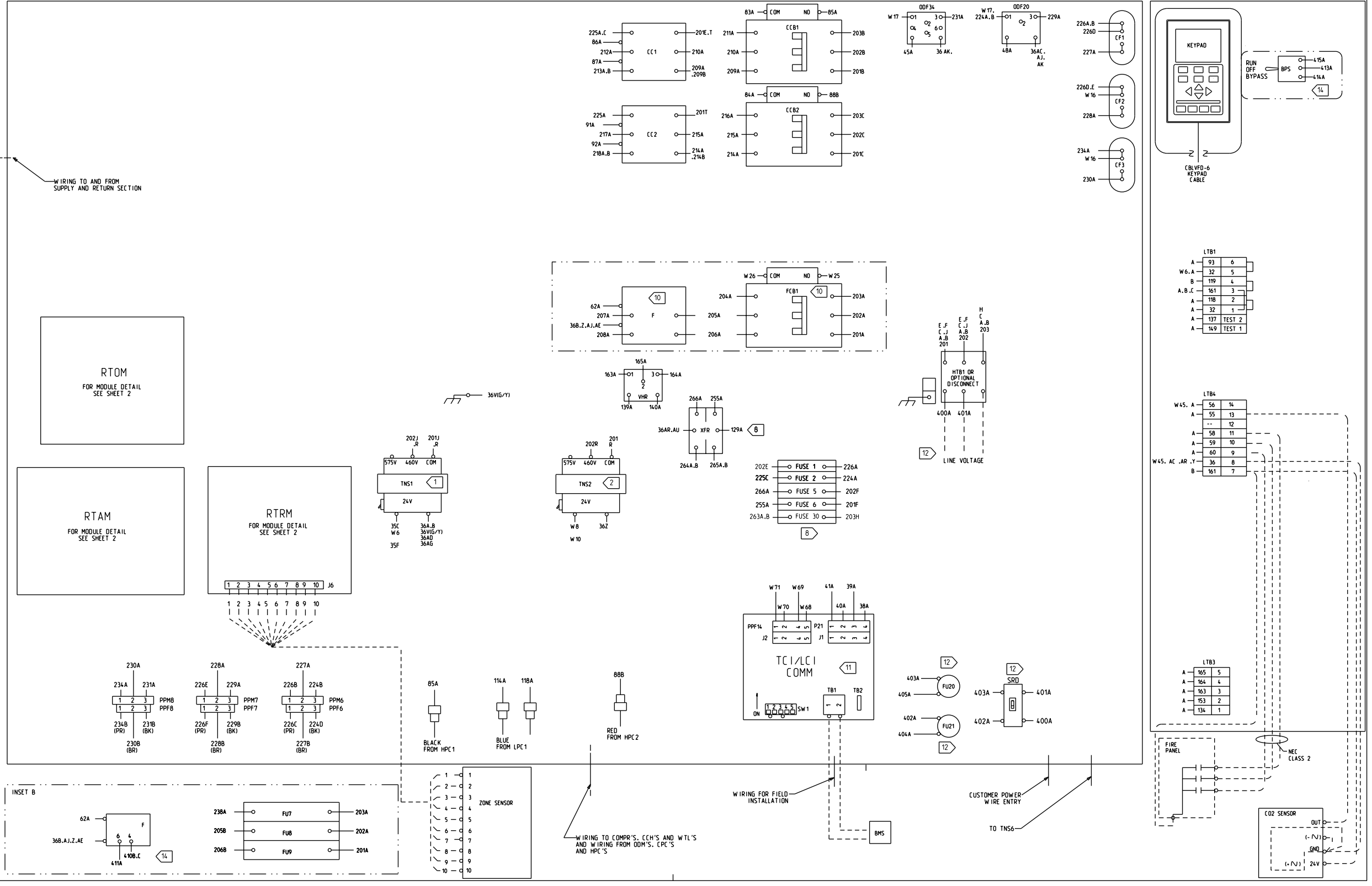
VOYAGER 3
CONTROL BOX CONNECTION FOR
TC 35 TON 460/575 VOLT
VARIABLE AIR VOLUME

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 ENTRAINER 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.

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

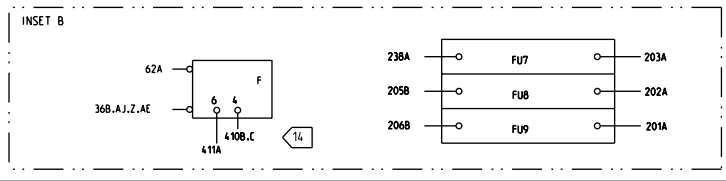


WIRING TO AND FROM SUPPLY AND RETURN SECTION

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. CCH'S AND WTL'S AND WIRING FROM ODM'S, CPC'S AND HPC'S

WIRING FOR FIELD INSTALLATION

CUSTOMER POWER WIRE ENTRY

TO TNS6

FIRE PANEL

