

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.
- 4 WIRING SHOWN IS FOR 230V. FOR 208V MOVE ALL WIRES FROM H3 TERMINAL TO H2 TERMINAL ON TNS3.
- 5 WIRING SHOWN IS FOR 230V. FOR 208V MOVE ALL WIRES FROM H3 TERMINAL TO H2 TERMINAL ON TNS4.
- 6 FUSE FU6, FU6, FU30, RELAY XFR. AND ASSOCIATED WIRES ARE ONLY USED WITH POWER EXHAUST OPTION.
- 7 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.
- 8 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.
- 9 MANUAL BYPASS SWITCH AND WIRES 410C, 413A, 414A, 415A OPTIONAL.
- 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 FAILURE TO DISCONNECT POWER BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH.
- 12 VOLTAGE HASARDEUX!

METAL PLATE 11 X 17

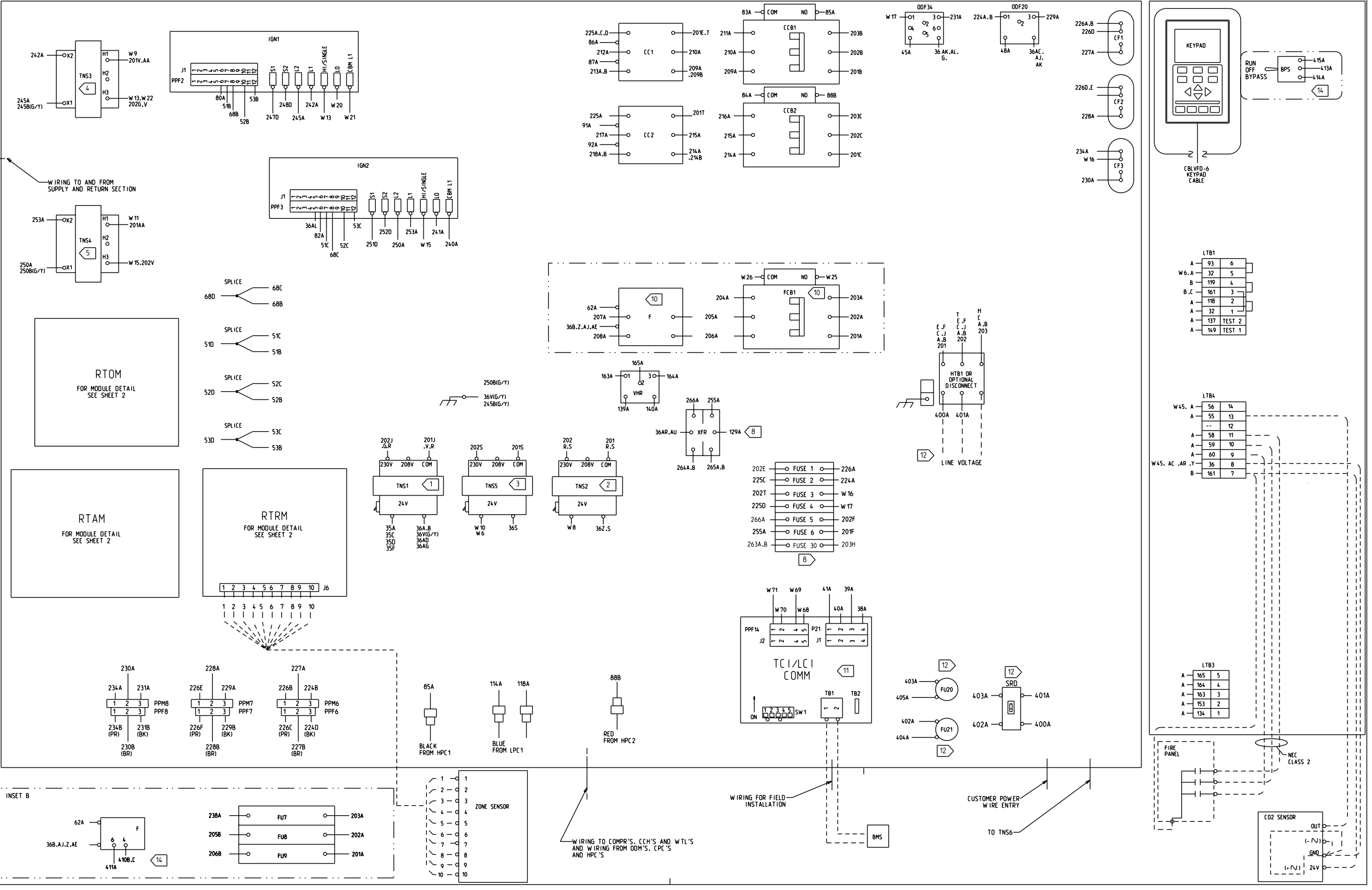
TRANE		FILE NUMBER: 2309-3453	DRAWING NUMBER: 2309-3456	SHEET: 1 OF 1	REV A
VOYAGER 3 CONTROL BOX CONNECTION FOR YC 27.5-35 TON HI HEAT 208-230 VOLT VARIABLE AIR VOLUME					
DRAWN BY: D. GOUTAM	TRANE DATE: 11-30-07				
REPLACES:	REVISION DATE:				
CAD SYSTEM USED:	SIMILAR TO: 2307-4682				

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.

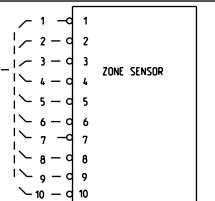
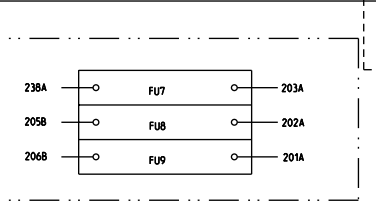
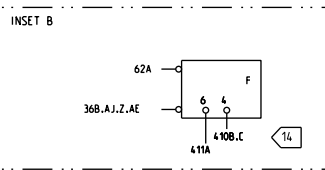
IMPORTANT!
DO NOT ENERGIZE UNIT UNTIL CHECK-OUT AND START-UP PROCEDURE HAS BEEN COMPLETED.



RTOM
FOR MODULE DETAIL
SEE SHEET 2

RTAM
FOR MODULE DETAIL
SEE SHEET 2

SPLICE
68D
51D
52D
53D

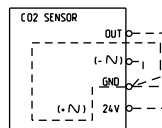


WIRING TO COMPR'S, CCH'S AND WTL'S AND WIRING FROM ODM'S, CPC'S AND HPC'S

WIRING FOR FIELD INSTALLATION

CUSTOMER POWER WIRE ENTRY

FIRE PANEL



LTB1

A	93	6
W6.A	32	5
B	119	4
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
A	36	8
B	161	7

LTB3

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

NEC CLASS 2