

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.

3 WIRING SHOWN FOR F CONTACTOR AND FC81 IS FOR VAV ALL UNITS EXCEPT THOSE WITH VFD WHEN VARIABLE FREQUENCY DRIVE IS INSTALLED SEE INSET B.

10 WIRING SHOWN IS FOR OPTIONAL COMMUNICATION INTERFACE. COMMUNICATION WIRES FROM BMS TO TCI/LCI ARE TO BE WIRE TIED TO BOTTOM OF THE CONTROL BOX. SEE TCI/LCI LITERATURE FOR SWITCH SETTINGS.

11 FUSE FU20, FU21 AND SWITCH SRD ARE USED FOR OPTIONAL FACTORY POWER CONVENIENCE OUTLET. WIRES 400ARD AND 401AB1L ARE CONNECTED TO FACTORY SUPPLIED DISCONNECT SWITCH.

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

6 FUSE FUS, FUB, RELAY XFR, CAPACITOR CFS, CF6 AND ASSOCIATED WIRES ARE ONLY USED WITH POWER EXHAUST OPTION.

IMPORTANT!

DO NOT SERVICE 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 SITUES A DISTANCE AVANT D'EFFECTUER L'ENTRETIEN. 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.

11 X 17 METAL PLATE

TRANS

REPLACES

REVISION DATE

TITULAR TP

FILE NUMBER

DRAWING NUMBER

REV

2309-3316

B

CONTROL BOX CONNECTION FOR
TE 27.5-35 TON 54KW 460/575 VOLT
VARIABLE AIR VOLUME

SHEET 1 OF 2

