

NOTES:

- 1 WIRING SHOWN IS FOR 480V. FOR 575V MOVE ALL WIRES FROM 480V TERMINAL TO 575V TERMINAL ON TNS1.
- 2 WIRING SHOWN IS FOR 480V. FOR 575V MOVE ALL WIRES FROM 480V TERMINAL TO 575V TERMINAL ON TNS2.

- 8 FUSE FUS1, RELAY XFR, CAPACITOR CFS/CFB 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 FCBI 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/LCI ARE TO BE WIRE TIED TO BOTTOM OF THE CONTROL BOX. SEE TC1/LCI LITERATURE FOR SWITCH SETTINGS.
- 12 FUSE FUS0, FUS1 AND SWITCH SRD ARE USED FOR OPTIONAL FACTORY POWER CONVENIENCE OUTLET. WIRES 400A AND 401A ARE CONNECTED TO FACTORY SUPPLIED DISCONNECT SWITCH.

METAL PLATE 11 X 17

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

TRANS
A DIVISION OF TRANE
ELECTRONIC CONTROLS
REPLACES: 2309-3287
REVISED DATE: 2307-90-48

FILE NUMBER

2309-3287

CONTROL BOX CONNECTION FOR
TC 3S TON 480/575 VOLT
VARIABLE AIR VOLUME

SHEET 1 OF 2

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'EXECUTER L'ENTRETIEN.
ELECTRIQUE AVANT D'EXECUTER 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.

