

1 FOR 2-STAGE ELECTRIC HEAT, MOVE ELECTRIC HEAT PLUG (PPF14) FROM SINGLE STAGE ELECTRIC HEAT OUTPUT (RB-J3) TO DUAL STAGE ELECTRIC HEAT OUTPUT (RB-J2). SEE ELECTRIC HEAT DIAGRAM FOR APPROPRIATE WIRING.

4 CONNECTIONS SHOWN ARE FOR 230V/60HZ/3PH UNIT. FOR 208V/60HZ/3PH OPERATION, MOVE WIRE FROM 230V TERMINAL TO 208V TERMINAL ON UNIT TRANSFORMER. FOR ALL OTHER VOLTAGES TRANSFORMERS ARE SINGLE TAP PRIMARY AND WILL BE SHIPPED FROM FACTORY WITH THE APPROPRIATE WIRING.

6 FOR PAIRING WITH ELECTROMECHANICAL CONDENSER, CUT WIRES AT RB-P8 AND SPLICE WITH WIRES THAT CONNECT TO EDC TERMINALS IN CONDENSER.

7 SWITCH IS SHIPPED IN THE NORMALLY OPEN CONFIGURATION. FOR PAIRING WITH ELECTROMECHANICAL CONDENSER, MOVE WIRE FROM TERMINAL "H" TO TERMINAL "L" ON EDC SWITCH ENABLING NORMALLY CLOSED SWITCH OPERATION.

8 24 VAC IS SUPPLIED TO THE AIR HANDLER CONTROLS FROM EM CONDENSER AS SHOWN. ALTERNATIVELY, 24 VAC CAN BE SUPPLIED FROM A SEPARATE TRANSFORMER TNS3, AVAILABLE AS A FIELD INSTALLED ACCESSORY (SEE INSET A).

DESIGNER: SONALI V
ENGINEER: B JONES
TRANE © DATE: 8/28/2019
REPLACES:
SIMILAR TO:
REVISION DATE: 12/16/2019
REVISED BY: S VAVHAL
APPROVED BY: D MCGREGOR
CAD SYSTEM USED: CREO SCHEMATIC

TRANE®

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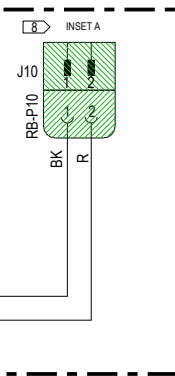
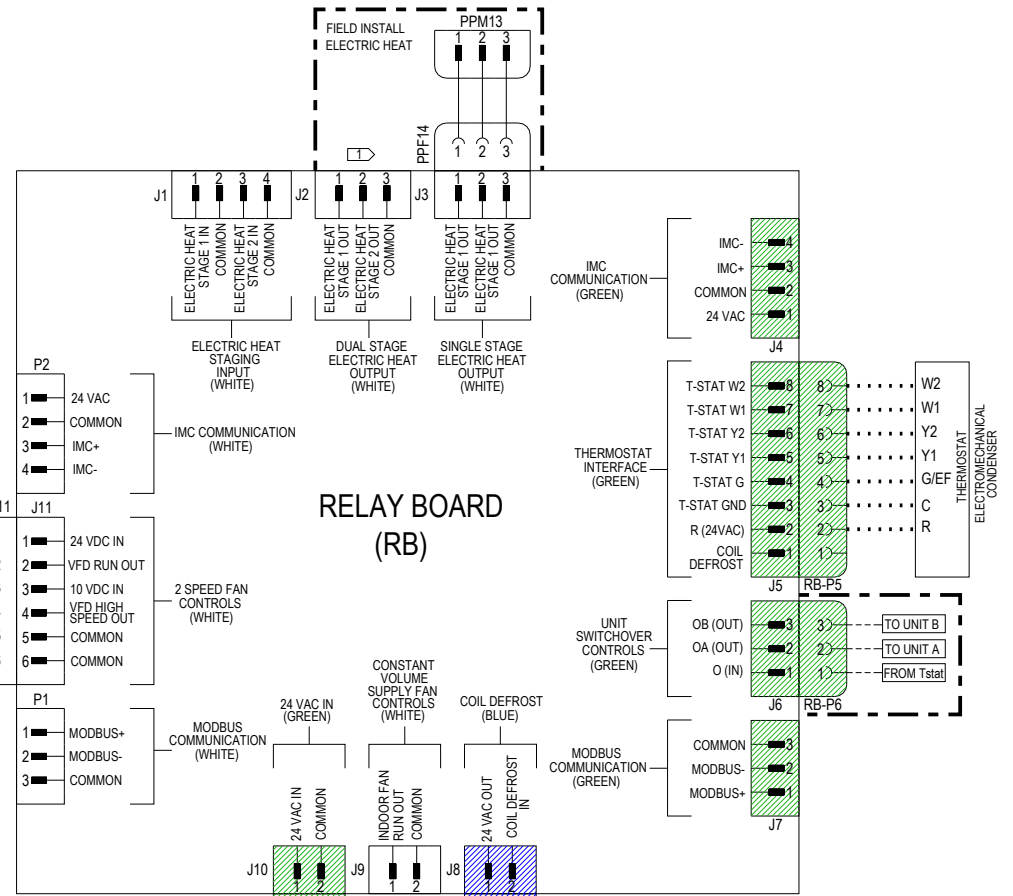
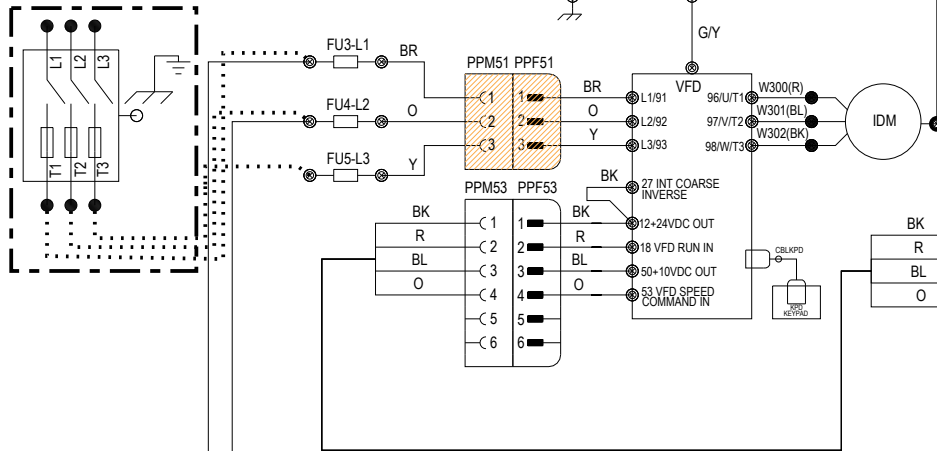
ODYSSEY
DIAGRAM
SCHEMATICS: AIR HANDLER
TWE- 2 SPEED FAN
(EM COND)

MASTER NUMBER: --
DRAWING NUMBER: 12133273
SHEET: 1 OF 1
REV: B

FUSE REPLACEMENT TABLE

FUSE DESIGNATION	FUSE CLASS	UNIT VOLTAGE	FUSE RATING	2HP MOTOR	3HP MOTOR	5HP MOTOR	7.5HP MOTOR
FU3-FU5	J	208V/60/3	600V	20A	30A	50A	60A
FU3-FU5	J	230V/60/3	600V	20A	30A	50A	60A
FU3-FU5	J	460V/60/3	600V	10A	15A	20A	30A
FU3-FU5	J	575V/60/3	600V	10A	15A	20A	25A

SEE UNIT NAMEPLATE
FOR LINE VOLTAGE
AND MAX FUSE SIZE



CONDUCTOR NUMBER	BASE COLOR	TRACER COLOR
1	BLACK	
2	RED	
3	BLUE	
4	ORANGE	
5	YELLOW	
6	BROWN	
7	RED	BLACK
8	BLUE	BLACK
9	ORANGE	BLACK
10	YELLOW	BLACK

DEVICE DESIGNATION	DEVICE LOCATION	DESCRIPTION
EDC	1B	SWITCH-DEFROST CONTROL
IDM	1A	MOTOR-INDOOR FAN
RB	2B	RELAY BOARD
TNS3	1A	TRANSFORMER 24VAC
VFD	1A	VARIABLE FREQUENCY DRIVE
FU3,FU4,FU5	3A	FUSE

A

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