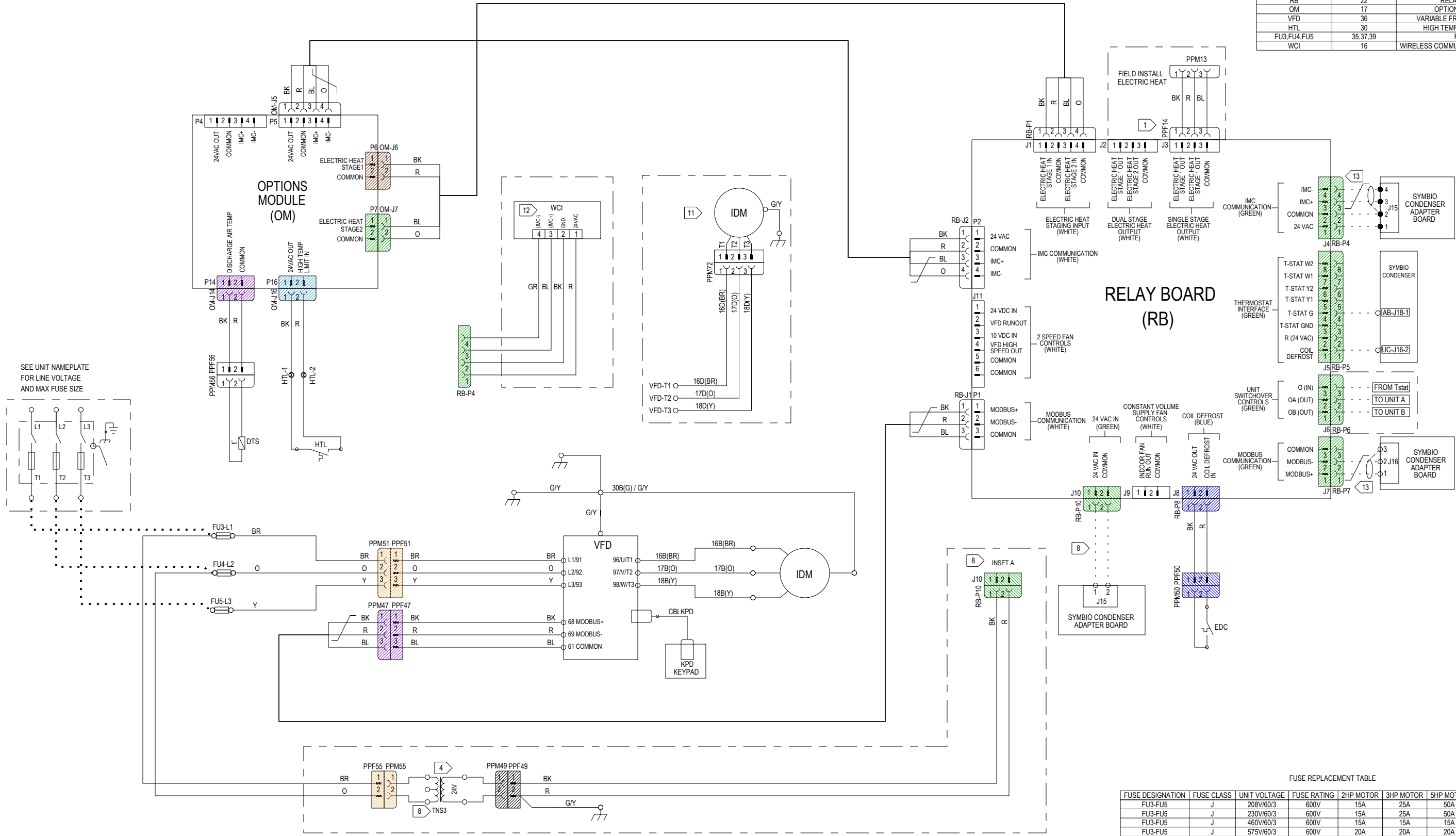


DEVICE DESIGNATION	DEVICE LOCATION	DESCRIPTION
EDC	40	SWITCH-DEFROST CONTROL
DTS	30	SENSOR-DISCHARGE AIR TEMP
IDM	37	MOTOR-INDOOR FAN
RB	22	RELAY BOARD
OM	17	OPTIONS MODULE
VFD	36	VARIABLE FREQUENCY DRIVE
HTL	30	HIGH TEMP LIMIT SWITCH
FU3,FU4,FU5	35,37,39	FUSE
WCI	16	WIRELESS COMMUNICATION INTERFACE



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

- 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 THE FACTORY WITH THE APPROPRIATE WIRING.

8 24VAC IS SUPPLIED TO THE AIR HANDLER FROM A SYMBIO CONDENSER AS SHOWN. ALTERNATIVELY, 24VAC CAN BE SUPPLIED FROM A SEPARATE TRANSFORMER TNS3, AVAILABLE AS A FIELD INSTALLED ACCESSORY (SEE INSET A).
- 11 CONNECTIONS SHOWN FOR 7.5HP - 208/230/460/575V MOTOR

12 FIELD INSTALLED AIR-FI WITH SYMBIO CONDENSER. FOLLOW THE INSTALLATION INSTRUCTIONS PLACED IN THE KIT

13 CONNECT SHIELD ONLY AT CONDENSER TO THE ADAPTOR BOARD GROUND TERMINAL. AT AIR HANDLER, TAPE SHIELD BACK ONTO CABLE.

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

DESIGNER: RAM R
ENGINEER: TINTU K
TRANE © DATE: 08-NOV-2021
REPLACES:
SIMILAR TO:
REVISION DATE:
REVISED BY:
APPROVED BY: TINTU K
CAD SYSTEM USED: CREO SCHEMATICS

TRANE®

THIS DRAWING IS PROPRIETARY AND SHALL NOT BE COPIED OR ITS CONTENTS DISCLOSED TO OUTSIDE PARTIES WITHOUT THE WRITTEN CONSENT OF TRANE.

ODYSSEY SCHEMATICS

AIR HANDLER
TWE-SZVAV /
2-SPEED FAN (SYMBIO COND)

MASTER NUMBER:

DRAWING NUMBER:
12134233

SHEET:
1 OF 1

REV
A