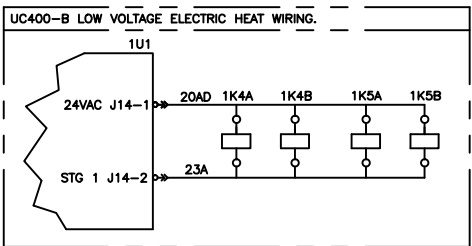


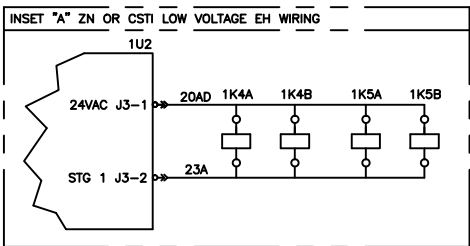
TWO ELEMENT  
HIGH VOLTAGE ELECTRIC HEAT WIRING

EH SELECTION	STAGE	CFM	KW	CTYP
TWO ELEMENT	SINGLE	600,800	2.0 - 8.0	E,F,H,N
	SINGLE		2.0 - 4.0	G,L,M
	DUAL		5.0 - 8.0	G,L,M

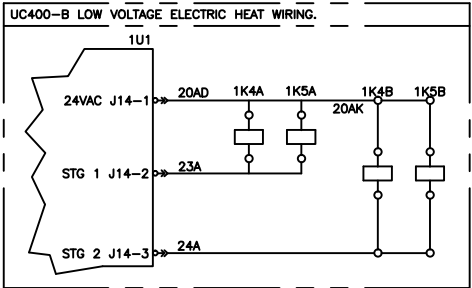
ALL COILS ARE K,L,M,X,Y,Z,4,6.  
ALL VOLTAGES = 1,2,3,4,9. NOT ALL VOLTAGES ARE ALLOWED WITH ALL KW'S.



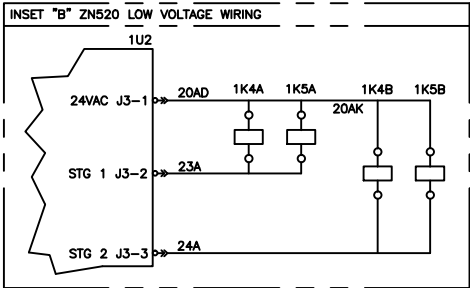
SINGLE STAGE LOW VOLTAGE  
TWO ELEMENT ELECTRIC HEAT WIRING



SINGLE STAGE LOW VOLTAGE  
TWO ELEMENT ELECTRIC HEAT WIRING



DUAL STAGE LOW VOLTAGE  
TWO ELEMENT ELECTRIC HEAT WIRING



DUAL STAGE LOW VOLTAGE  
TWO ELEMENT ELECTRIC HEAT WIRING

NOTES (SHEET FOUR):

- NUMBERS ALONG THE LEFT SIDE OF SCHEMATIC DESIGNATE THE LOCATION OF COMPONENTS BY LINE NUMBER.
- UNITS WITH ELECTRIC HEAT WILL NOT OPERATE BELOW MINIMUM REQUIRED CFM.
- WIRING SHOWN IS FOR UC400-B (CTYP = LM). SEE INSETS "A" FOR ZN010, 510 AND CSTI (CTYP=E,F,H,N) AND "B" FOR ZN520 (CTYP=G).
- NOT ALL VOLTAGES, CFM'S AND KW'S ARE ALLOWED TOGETHER.

VOLTAGE CHART				
DIGIT	DIGIT VALUE	DESCRIPTION	WIRE "1"	WIRE "2"
VOLT 1	1	115V/60HZ/1PH	L1 (BLK)	N (WHT)
VOLT 2	2	208V/60HZ/1PH	L1 (BLK)	L2 (BLK)
VOLT 3	3	277V/60HZ/1PH	L1 (BLK)	N (WHT)
VOLT 4	4	230V/60HZ/1PH	L1 (BLK)	N (WHT)
VOLT 9	9	220-240/50/1	L1 (BLK)	L2 (BLK)

DEVICE PREFIX LOCATION CODE	
AREA	LOCATION
1	CONTROL PANEL
2	CONTROL END
3	PIPING END
4	FAN SECTION
5	COIL SECTION
6	CUSTOMER INSTALLED
7	FIELD SUPPLIED DEVICE

LEGEND		
DEVICE DESIGNATION	DESCRIPTION	LINE NUMBER
1K4A	ELECTRIC HEAT RELAY	228,251,260
5S5	EH AUTO & ONESHOT CUTOFF	228
5HR1	ELECTRIC HEATER ELEMENT	228
1K5A	ELECTRIC HEAT RELAY	230,251,260
1K4B	ELECTRIC HEAT RELAY	232,251,261
5S6	EH AUTO & ONESHOT CUTOFF	232
5HR2	ELECTRIC HEATER ELEMENT	232
1K5B	ELECTRIC HEAT RELAY	234,251,261
1U1	UC400-B	249,258
1U2	CSTI/ ZN ADAPTER BOARD	249,258

REPLACES	TRANE	231-4700	REV B
REVISION DATE			
DRAWN BY	KUMONG XIONG		
DATE	07-MAY-2019		
SIMILAR TO			
ELECTRIC HEAT WIRING FANCOIL TWO ELEMENT			