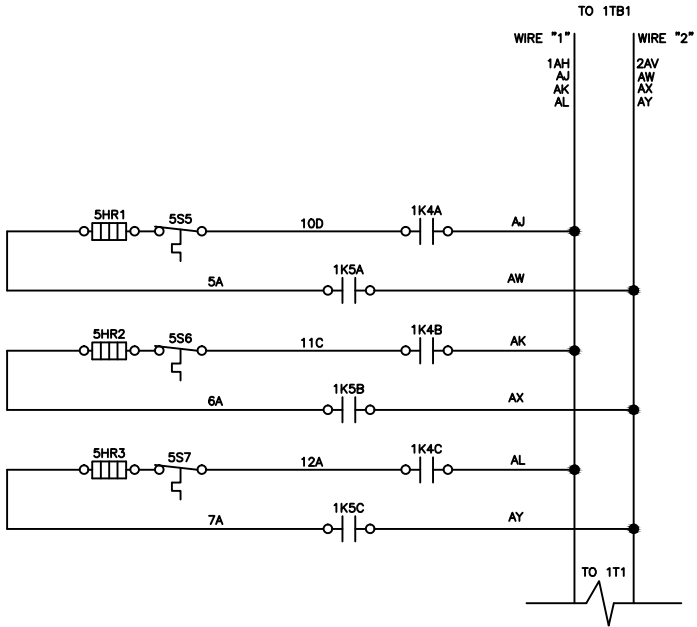
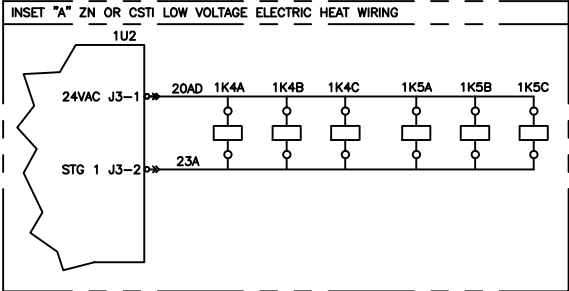
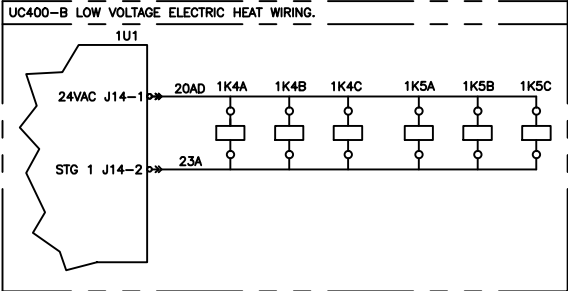


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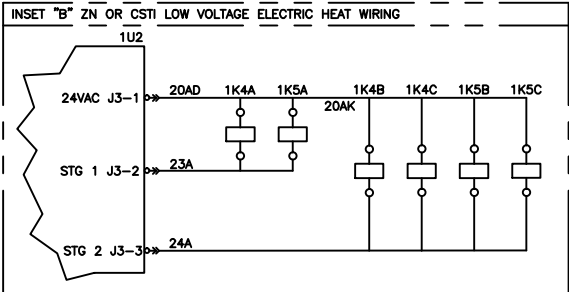
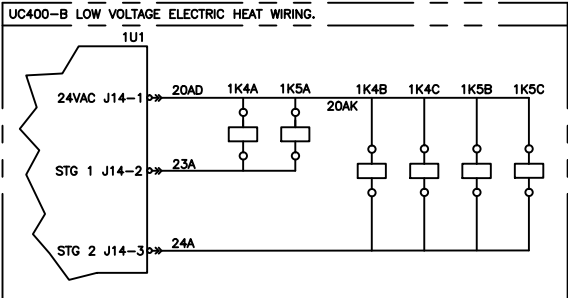
HIGH VOLTAGE ELECTRIC HEAT WIRING

HIGH VOLTAGE WIRING SELECTION			
COIL	CFM	VOLT	KW
V	300,400,600	2,3,4,9	3.0
V	600	2,3,4,9	4.5
V	800	2,3,4,9	3.0 - 6.0
V	100	2,3,4,9	3.0 - 7.5
V	120	2,3,4,9	3.0 - 9.0
U	200	2,3,4,9	3.0
U	300	2,3,4,9	6.0
U	400	2,3,4,9	7.5
N	200	2,3,4,9	3.0
N	300	2,3,4,9	6.0
N	400	2,3,4,9	7.5



LOW VOLTAGE WIRING SELECTION				
COIL	CFM	VOLT	KW	CTYP
V	300,400,600	2,3,4,9	3.0	L,M
V	600	2,3,4,9	4.5	L,M
V	800	2,3,4,9	3.0 - 6.0	L,M
V	100	2,3,4,9	3.0 - 7.5	L,M
V	120	2,3,4,9	3.0 - 9.0	L,M
N	200	2,3,4,9	3.0	L,M
N	300	2,3,4,9	6.0	L,M
N	400	2,3,4,9	7.5	L,M

LOW VOLTAGE WIRING SELECTION				
COIL	CFM	VOLT	KW	CTYP
V	300,400,600	2,3,4,9	3.0	E,F,H,N
V	600	2,3,4,9	4.5	E,F,H,N
V	800	2,3,4,9	3.0 - 6.0	E,F,H,N
V	100	2,3,4,9	3.0 - 7.5	E,F,H,N
V	120	2,3,4,9	3.0 - 9.0	E,F,H,N
N	200	2,3,4,9	3.0	E,F,H,N
N	300	2,3,4,9	6.0	E,F,H,N
N	400	2,3,4,9	7.5	E,F,H,N



LOW VOLTAGE WIRING SELECTION				
COIL	CFM	VOLT	KW	CTYP
U	200	2,3,4,9	3.0	L,M
U	300	2,3,4,9	6.0	L,M
U	400	2,3,4,9	7.5	L,M

LOW VOLTAGE WIRING SELECTION				
COIL	CFM	VOLT	KW	CTYP
U	200	2,3,4,9	3.0	G
U	300	2,3,4,9	6.0	G
U	400	2,3,4,9	7.5	G

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 = L,M). SEE INSETS "A" ZN010, ZN510 OR CSTI (CTYP=E,F,H,N) OR "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	2	208V/60HZ/1PH	L1 (BLK)	L2 (BLK)
VOLT	3	277V/60HZ/1PH	L1 (BLK)	N (WHT)
VOLT	4	230V/60HZ/1PH	L1 (BLK)	N (WHT)
VOLT	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	229,251,264
5S5	EH AUTO & ONESHOT CUTOFF	229
5HR1	ELECTRIC HEAT ELEMENT	229
1K5A	ELECTRIC HEATER ELEMENT	230,251,264
1K4B	ELECTRIC HEAT RELAY	231,251,265
5S6	EH AUTO & ONESHOT CUTOFF	231
5HR2	ELECTRIC HEATER ELEMENT	231
1K5B	ELECTRIC HEAT RELAY	233,251,265
1K4C	ELECTRIC HEAT RELAY	234,251,265
5S7	EH AUTO & ONESHOT CUTOFF	234
5HR3	ELECTRIC HEATER ELEMENT	234
1K5C	ELECTRIC HEAT RELAY	236,251,265
1U1	UC400-B	249,262
1U2	CSTI/ ZN ADAPTER BOARD	249,262

REPLACES	TRANE	231-4704	REV B
REVISION DATE	07-MAY-2019	SCHEMATIC DIAGRAM	
DRAWN BY	KUMONG XIONG	ELECTRIC HEAT WIRING	
DATE	07-MAY-2019	PARALLEL CIRCUIT, 3 ELEMENT/ TWO STAGE	