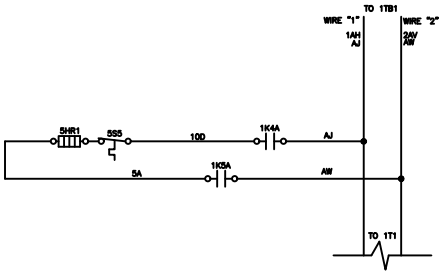
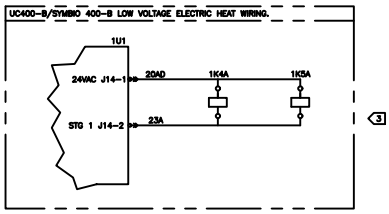
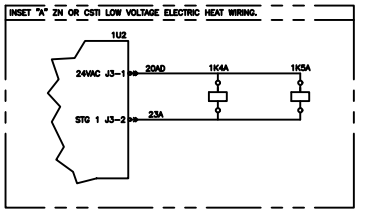
RELEASED 27/Jun/2023 12:37:32 GMT



HIGH VOLTAGE ELECTRIC HEAT WIRING



ELECTRIC HEAT SELECTION				
COIL	CFM	VOLT	KW	CTYP
V	200	2,3,4,9	1.0	L,M,R,T



ELECTRIC HEAT SELECTION				
COIL	CFM	VOLT	KW	CTYP
V	200	2,3,4,9	1.0	E,F,H,N

NOTES (SHEET FOUR):

1. NUMBERS ALONG THE LEFT SIDE OF SCHEMATIC DESIGNATE THE LOCATION OF COMPONENTS BY LINE NUMBER.
2. UNITS WITH ELECTRIC HEAT WILL NOT OPERATE BELOW MINIMUM REQUIRED CFM.
3. WIRING SHOWN IS FOR UC400-B/SYMBIO 400-B (CTYP = L,M,R,T). SEE INSET "A" FOR ZN OR CSTI (CTYP = E,F,H,N).
4. 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	232,243,259
5S5	EH AUTO & ONESHOT CUTOFF	232
5HR1	ELECTRIC HEATER ELEMENT	232
1K5A	ELECTRIC HEAT RELAY	234,243,259
1U1	UC400-B/SYMBIO 400-B	241
1U2	CSTI/ ZN ADAPTER BOARD	257

REVISIONS

REVISED BY	REVISED DATE

DRAWN BY: K. GRIGSBY
DATE: 30-SEPT-2022

SIMILAR TO

TRANE

SCHEMATIC DIAGRAM
FORCEFLO
ELECTRIC HEAT WIRING
PARALLEL DOUBLE STAGE
ONE ELEMENT

2311-4702

M